

# Oracle® Inventory Technical Reference Manual

**RELEASE 11*i***

**May 2001**

A90206\_01

**ORACLE®**

The part number for Volume 1 is A90199-01. The part number for Volume 2 is A90200-01. To order this book, use set part number A90206-01.

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# Introduction

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

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

## About this Manual

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

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

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## Finding the Latest Information

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

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

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## Audience

The *Oracle Inventory 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 Inventory. If you are not familiar with the above products, we suggest that you attend one or more of the training classes available through Oracle Education (see: Other Information Sources: page 1 – 7).

---

## How This Manual is Organized

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

### High-Level Design

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

### Detailed Design

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

- Convert existing application data
- Integrate your Oracle Inventory 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.

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## How Not To Use This Manual

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### **Do not use this manual to plan modifications**

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

We have constructed Oracle Inventory so that you can customize it to fit your needs without programming, and you can integrate it with your existing applications through interface tables. However, should you require program modifications, you should contact our support team (see: Other Information Sources: page 1 – 7). They can put you in touch with Oracle Services, the professional consulting organization of Oracle. Their team of experienced applications professionals can make the modifications you need while ensuring upward compatibility with future product releases.

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

---

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

Moreover, this version of the *Oracle Inventory Technical Reference Manual* does not contain complete information about the dependencies between Oracle Inventory applications tables. Therefore, you should write data into only those tables we identify as interface tables. If you write data into other non-interface tables, you risk violating your data integrity since you might not fulfill all the data dependencies in your Oracle Inventory 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 Inventory 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 Inventory 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 Inventory Technical Reference Manual* may contain references to tables that belong to Oracle Application Object Library. Oracle Application Object Library is a collection of pre-built application components and facilities for building Oracle Applications and extensions to Oracle Applications. Oracle Application Coding Standards use the Oracle Application Object Library and contains shared components including but not limited to -- forms, subroutines, concurrent programs and reports, database tables and objects, messages, menus, responsibilities, flexfield definitions and online help.



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

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

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## A Few Words About Terminology

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

### **Relationship**

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

### **Database Diagram**

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

### **Module**

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

### **Application Building Block**

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

### **QuickCodes**

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QuickCodes let you define general purpose, static lists of values for window fields. QuickCodes allow you to base your program logic on lookup codes while displaying user-friendly names in a list of values

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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 Inventory. We want to make these products easy for you and your staff to understand and use.

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### **Oracle Designer Online Documentation**

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

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### **Oracle Applications Developer's Guide**

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

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### **Oracle Applications User Interface Standards**

This manual contains the user interface (UI) standards followed by the Oracle Applications development staff. It describes the UI for the

Oracle Applications products and how to apply this UI to the design of an application built using Oracle Forms 6.

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### **Oracle Inventory User Guide**

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

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### **Oracle 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.

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### **Oracle Applications Flexfields Guide**

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

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### **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.

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### **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

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manual before implementing Oracle Inventory. This manual details additional steps and setup considerations for implementing Oracle Inventory with this feature.

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

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

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

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

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### **Oracle Applications Messages Manual**

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

## **Installation and System Administration**

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

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

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### **Oracle Applications Concepts**

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Designed to be the first book the user reads to prepare for an installation of Oracle Applications. It explains the technology stack,

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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.

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### **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.

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### **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.

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

### Other Information

#### Training

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

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

#### Support

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

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## About Oracle

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

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

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

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## Thank You

Thanks for using Oracle Inventory and this technical reference manual!

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

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# High-Level Design

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

---

## Overview of High-Level Design

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

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

---

## Database Diagrams

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

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

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## Table Lists

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

### Public Tables

---

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

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

## **Internal Tables**

---

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

---

## **View Lists**

The View List sections list the Oracle Inventory views, with one section for each type of view. Because a product might not include at least one view for each type, this Technical Reference Manual might not include each of the following sections.

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

### **Public Views**

---

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

### **Web Views**

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

### **Internal Views**

---

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

### **Single-Organization Views**

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This section lists the Oracle Inventory views that we added to take the place of various tables that are now partitioned by operating unit, to support multiple sets of books within a single installation of Oracle Inventory.

## Multiple Reporting Currency Views

---

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

---

## Module List

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

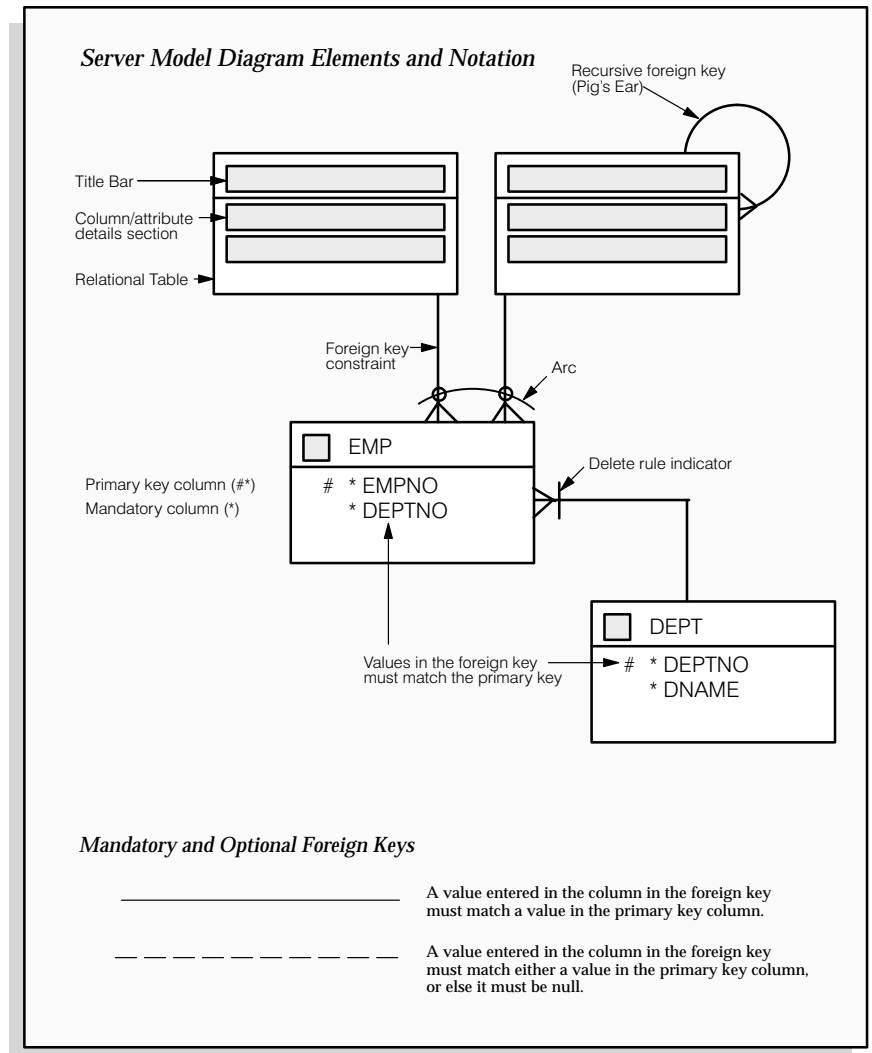
A form is a module comprised of closely related windows that are used together to perform a task. For example, the Enter Journals form in Oracle General Ledger includes the Enter Journals window, the Batch window, and the More Actions window. The Enter Journals window is the main window, and from it,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

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

## Database Diagramming Conventions

We use the following notational conventions in our database diagrams:

**Figure 2 – 1**  
**Database Diagram**  
**Conventions**



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

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

**Delete rule indicator** – determines the action to be taken when an attempt is made to delete a related row in a join table. A line through the foreign key constraint, as shown on the above diagram, indicates that this action is restricted.

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



---

## Database Diagrams

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

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

- Diagram 1      Inventory Organization Parameters
- Diagram 2      Inventory Setup
- Diagram 3:      Units of Measure
- Diagram 4:      Item Categories
- Diagram 5:      Item Catalog
- Diagram 6:      Item Master
- Diagram 7:      Transaction Setup
- Diagram 8      Ship Methods
- Diagram 9:      Miscellaneous Transactions
- Diagram 10:      Subinventory Transfer Transactions
- Diagram 11:      Inter–Organization Transfer Transactions
- Diagram 12      Available to Promise
- Diagram 13      Demand and Reservation
- Diagram 14      Kanban
- Diagram 15      ABC Analysis
- Diagram 16      Physical Inventory
- Diagram 17      Cycle Count
- Diagram 18      Inventory Replenishment
- Diagram 19      Serial Genealogy
- Diagram 20      Move Orders
- Diagram 21      Material Shortage Messages

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

### **Inventory Organization Parameters**

---

Diagram 1 shows the tables and relationships that Inventory uses to define inventory organization parameters.

### **Inventory Setup**

---

Diagram 2 shows the tables and relationships used in setting up Inventory.

### **Units of Measure**

---

Diagram 3 represents the tables and relationships in which Inventory maintains information pertaining to units of measure, as well as the conversion factors used to convert quantities from one unit of measure to another. Note that conversions between units of measure in different classes are carried out in three steps. (1) The quantity in terms of the source unit of measure is converted to a quantity in terms of the base unit of measure in its class using a conversion factor in MTL\_UOM\_CONVERSIONS. (2) The source's base UOM quantity is converted to a quantity in terms of the destinations' base UOM using a conversion factor in MTL\_UOM\_CLASS\_CONVERSION. (3) The destinations' base UOM quantity is converted to the final destination UOM quantity using a conversion factor in MTL\_UOM\_CONVERSIONS.

### **Item Categories**

---

Diagram 4 shows the tables and relationships that Inventory uses to maintain category information for items. Note that each item may be assigned to a single category within a category set but may be assigned to many category sets. A category set may be restricted to a list of valid categories using the table MTL\_CATEGORY\_SET\_VALID\_CATS. Additionally, functional areas (i.e. Inventory, Purchasing), etc.) may have default category sets defined. Each item used by the functional area will be assigned to (at least) that default category set.

### **Item Catalog**

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Diagram 5 shows the tables and relationships that Inventory uses to implement the Item Catalog. Each catalog group is defined in

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MTL\_ITEM\_CATALOG\_GROUPS. The descriptive elements associated with the catalog group are defined in MTL\_DESCRIPTIVE\_ELEMENTS. The values of those descriptive elements for each item assigned to the catalog group are stored in MTL\_DESCR\_ELEMENT\_VALUES. Recommended aliases and recommended categories to be used with the items assigned to a catalog group are stored in MTL\_ICG\_ALIASES and MTL\_ICG\_CATEGORIES.

---

### **Item Master**

Diagram 6 shows the tables and relationships through which Inventory implements the Item Master. Each item attribute for which the user may enter a value is defined in MTL\_ITEM\_ATTRIBUTES. Many attributes may only be set when a specific application is installed. These dependencies are defined in MTL\_ATTR\_APPL\_DEPENDENCIES. This diagram also indicates the relationship between an item status, the status attribute values and a pending status for an item.

---

### **Transaction Setup**

Diagram 7 shows the tables and relationships that Inventory uses to maintain both predefined transaction source types and transaction types and user-defined transaction source types and transaction types. Transaction source types are stored in MTL\_TXN\_SOURCE\_TYPES. Transaction types are stored in MTL\_TRANSACTION\_TYPES. The relationship indicates that predefined transaction types will be defined with a predefined transaction source type. User-defined transaction types may have either a predefined source type or a user-defined source type. The transaction action for a transaction type is defined as a lookup in MFG\_LOOKUPS.

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### **Ship Methods**

Diagram 8 shows the tables and relationships that Inventory uses to define inter-organization shipping methods.

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### **Miscellaneous Transactions**

Diagram 9 shows the tables and relationships Inventory uses to perform miscellaneous issues to and receipts from accounts. Not that one account of the debit/credit distribution account pair is that associated with the subinventory of the material being transacted. The

other distribution account is specified at the time of the transaction by the user.

### **Subinventory Transfer Transactions**

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Diagram 10 shows the tables and relationships through which Inventory performs subinventory transfer transactions. The transaction may be performed as either a predefined transaction type or user-defined transaction type. Note that each subinventory transfer is carried out as two separate transactions, creating two records in MTL\_MATERIAL\_TRANSACTIONS. The first record represents an issue from the "source" subinventory, and the second record is a receipt by the "destination" subinventory. Only the subinventories and locators can differ between the two transactions. Inventory derives the debit distribution account from the transacted material's source subinventory and the credit account from the material's destination subinventory.

### **Inter-Organization Transfer Transactions**

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Diagram 11 shows the tables and relationships Inventory uses to transact inter-organization transfers. Note that each direct inter-organization transfer is carried out as two separate transactions, creating two records in MTL\_MATERIAL\_TRANSACTIONS. One record represents an issue from the "source" organization, and the other record is a receipt by the "destination" organization. Revision, lot numbers and serial numbers must be identical in both issue and receipt transactions for direct transfers. Note that intransit transfers will also generate a record in RCV\_SHIPMENT\_HEADERS and receipt will generate receiving transaction.

### **Available to Promise**

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Diagram 12 shows the tables and relationships in which Inventory holds information used in compiling Available to Promise information. Tables that store supply information include MTL\_ONHAND\_QUANTITIES, MTL\_SUPPLY, MTL\_MATERIAL\_TRANSACTIONS\_TEMP, MRP\_SCHEDULE\_DATES, MTL\_USER\_SUPPLY, WIP\_REPETITIVE\_SCHEDULES, and WIP\_DISCRETE\_JOBS. Demand information comes from MTL\_DEMAND, WIP\_REQUIREMENT\_OPERATIONS and MTL\_USER\_DEMAND.

## **Demand and Reservation**

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Diagram 13 shows the tables and relationships that Inventory uses to maintain demand and reservation information. Note that Inventory writes a unique sales order identifier into MTL\_SALES\_ORDERS after entry of demand from the new sales order into MTL\_DEMAND or MTL\_DEMAND\_INTERFACE. Also, demand and reservations from sales orders are either automatically entered by Oracle Order Entry (if the reservation is placed on-line) or loaded from MTL\_DEMAND\_INTERFACE, where external demand may be defined. Inventory adjusts reservation information in MTL\_DEMAND after execution of material transactions.

## **Kanban**

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Diagram 14 shows the tables and relationships Inventory uses to enter and maintain kanban cards for kanban supply locations and to define replenishment chains, called pull sequences, for these locations.

## **ABC Analysis**

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Diagram 15 represents the tables and relationships that define and maintain ABC classifications for Inventory. The ABC compile header in MTL\_ABC\_COMPILE\_HEADERS identifies the criteria used for the compile. The results of the compile are stored in MTL\_ABC\_COMPILE. Items are assigned to ABC assignment groups, which combine a set of ABC classes and (optionally) an ABC compile.

## **Physical Inventory**

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Diagram 16 represents the tables and relationships that Inventory uses to perform physical inventory adjustments.

## **Cycle Count**

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Diagram 17 shows the tables and relationships that Inventory uses to perform cycle count scheduling and adjustments. A cycle count may use an ABC analysis as a basis for classifying an item or items may be assigned directly to a cycle count class. Schedule requests, both manual and automatic, are stored in MTL\_CC\_SCHEDULE\_REQUESTS and the count requests generated from them are stored in MTL\_CYCLE\_COUNT\_ENTRIES. Adjustments based on those entries are written to

MTL\_MATERIAL\_TRANSACTIONS when approved by the user if approval is require or when entered if no approval is required.

## **Inventory Replenishment**

---

Diagram 18 shows the tables and relationships that Inventory uses to maintain subinventory replenishment information.

Suppose you want to write a custom application to generate cycle counts based on item and location rather than item. To see how cycle count requests are generated, you turn to Diagram 3 to see the table structure for cycle counting. You see that MTL\_CC\_SCHEDULE\_REQUESTS holds the requested counts for cycle count items, subinventories, lots, item revisions, and locators.

Turning to the Table and View Definitions section in Chapter 3, you learn that schedule requests partially or fully specify the SKUs to cycle count. By inserting the subinventory and locators that you want to count into MTL\_CC\_SCHEDULE\_REQUESTS, the cycle count generation process explodes the count requests that fully specify the SKUs to be counted. The MTL\_CC\_SCHEDULE\_REQUESTS definition gives you the column names that you need to update with your custom application.

To generate cycle counts by location, create a custom application that selects the subinventory and locators to be counted, then insert the subinventory, locator, and additional cycle count information into MTL\_CC\_SCHEDULE\_REQUESTS.

## **Serial Genealogy**

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Diagram 19 shows the tables and relationships that Inventory uses to build serial genealogy.

## **Move Orders**

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Diagram 20 shows the tables and relationships that Inventory uses to create and transact move orders.

## **Material Shortage Messages**

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Diagram 21 shows the tables and relationships that Inventory uses to generate material shortage messages.

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## How to Use These Database Diagrams

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

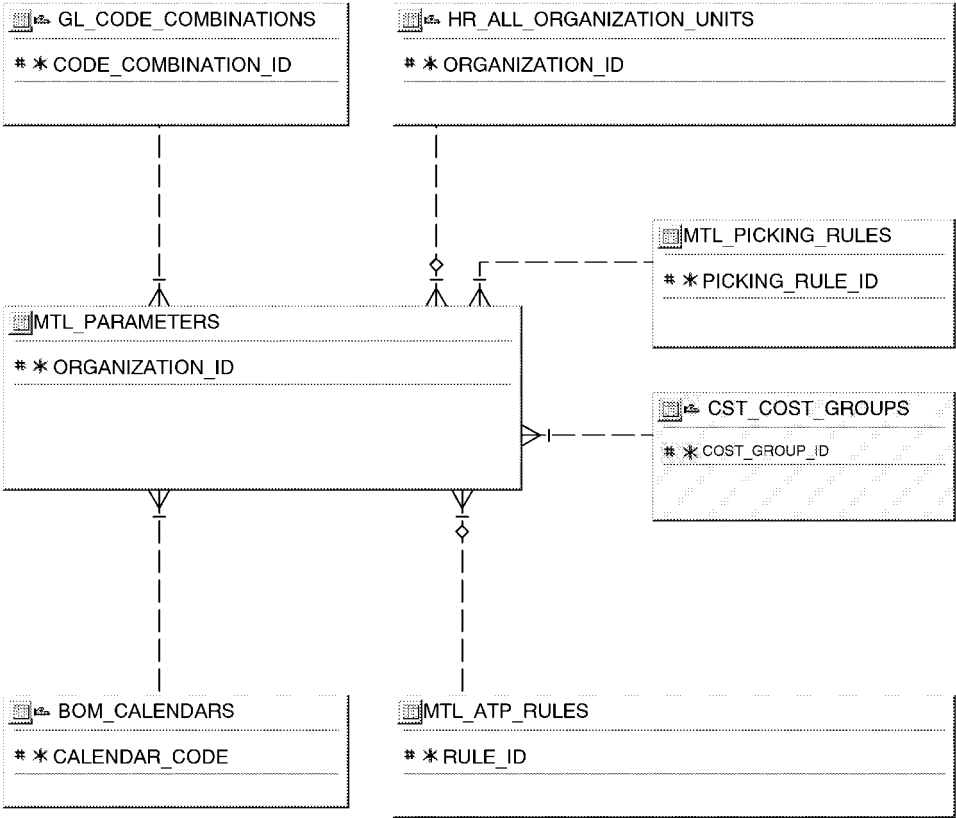
Suppose you want to write a custom application to generate cycle counts based on item and location rather than item. To see how cycle count requests are generated, you turn to Diagram 3 to see the table structure for cycle counting. You see that

MTL\_CC\_SCHEDULE\_REQUESTS holds the requested counts for cycle count items, subinventories, lots, item revisions, and locators.

Turning to the Table and View Definitions section in Chapter 3, you learn that schedule requests partially or fully specify the SKUs to cycle count. By inserting the subinventory and locators that you want to count into MTL\_CC\_SCHEDULE\_REQUESTS, the cycle count generation process explodes the count requests that fully specify the SKUs to be counted. The MTL\_CC\_SCHEDULE\_REQUESTS definition gives you the column names that you need to update with your custom application.

To generate cycle counts by location, create a custom application that selects the subinventory and locators to be counted, then insert the subinventory, locator, and additional cycle count information into MTL\_CC\_SCHEDULE\_REQUESTS.

Diagram 1: Inventory Organization Parameters





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### Diagram 3: Units of Measure

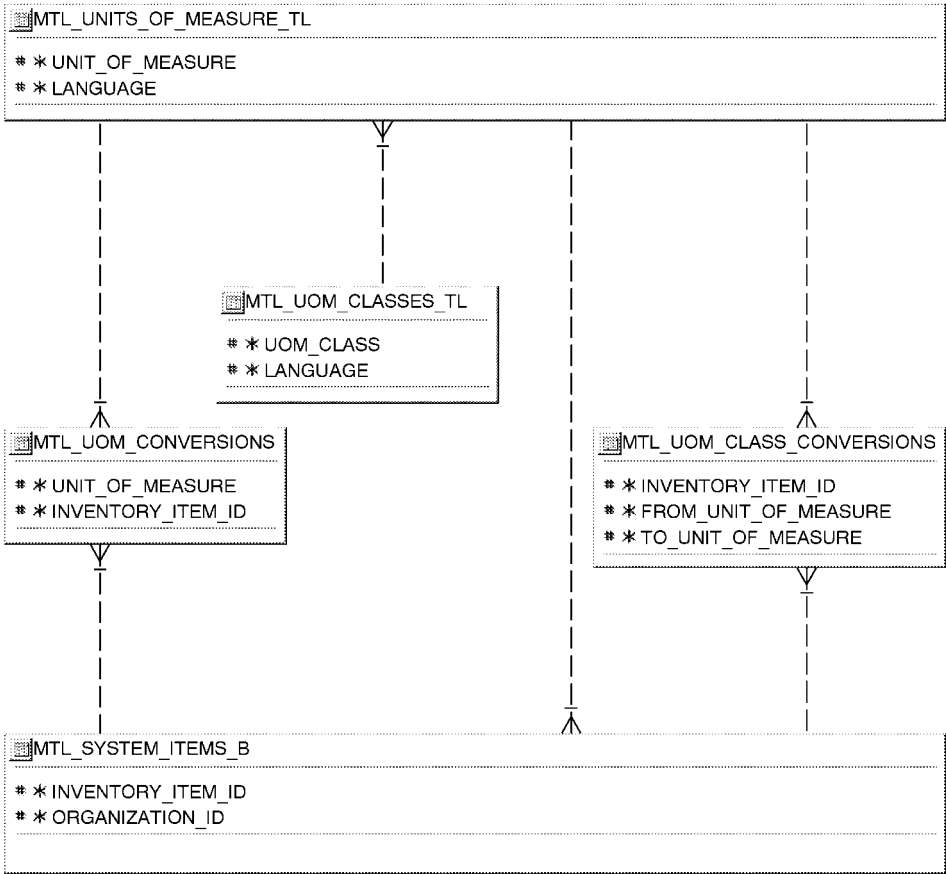
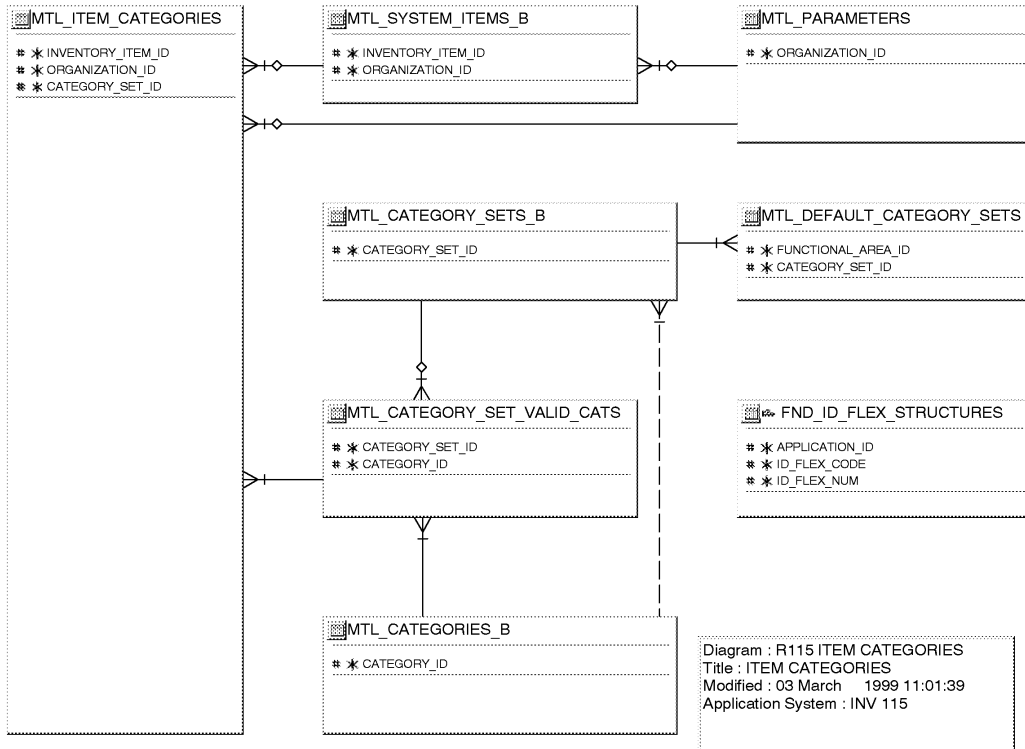
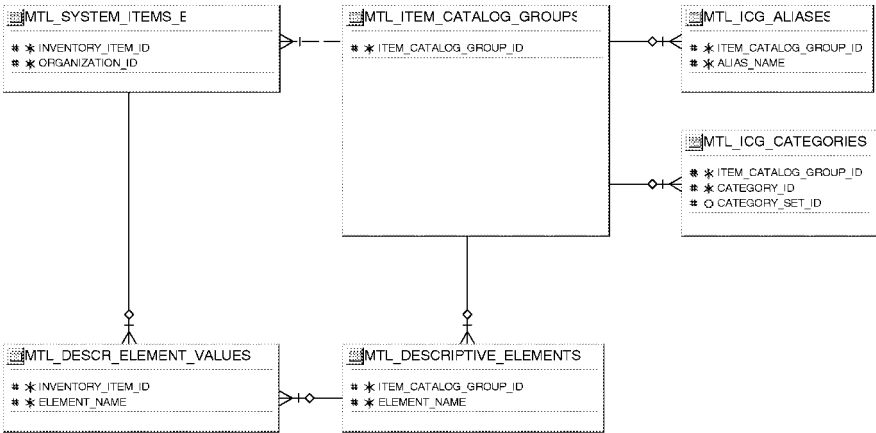


Diagram : R115 UOMS  
Modified : 22 January 1999 10:53:58  
Application System : INV 115

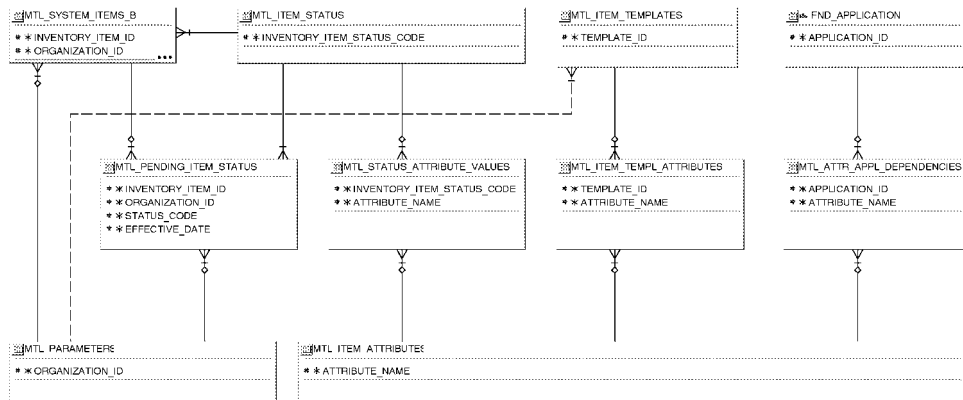
## Diagram 4: Item Categories



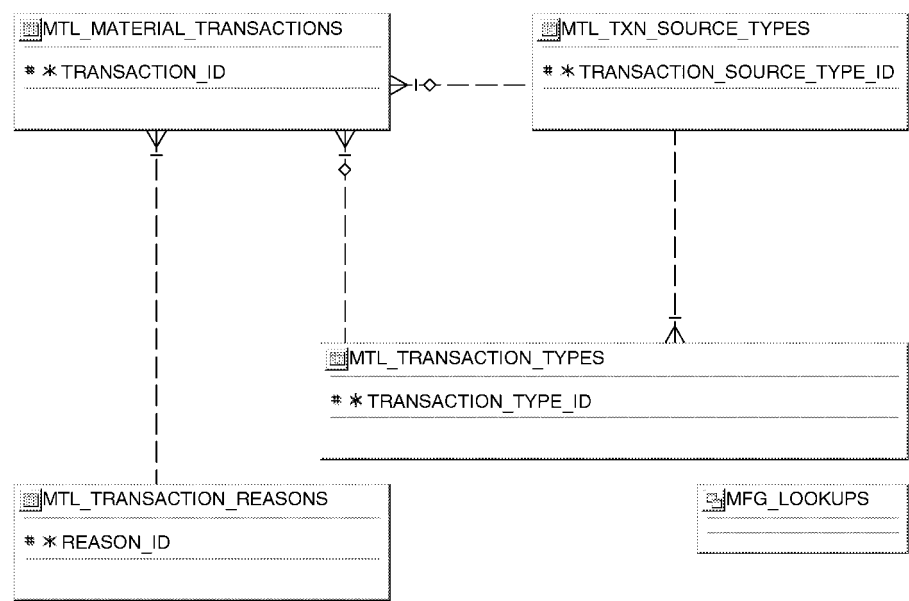
# Diagram 5: Item Catalog



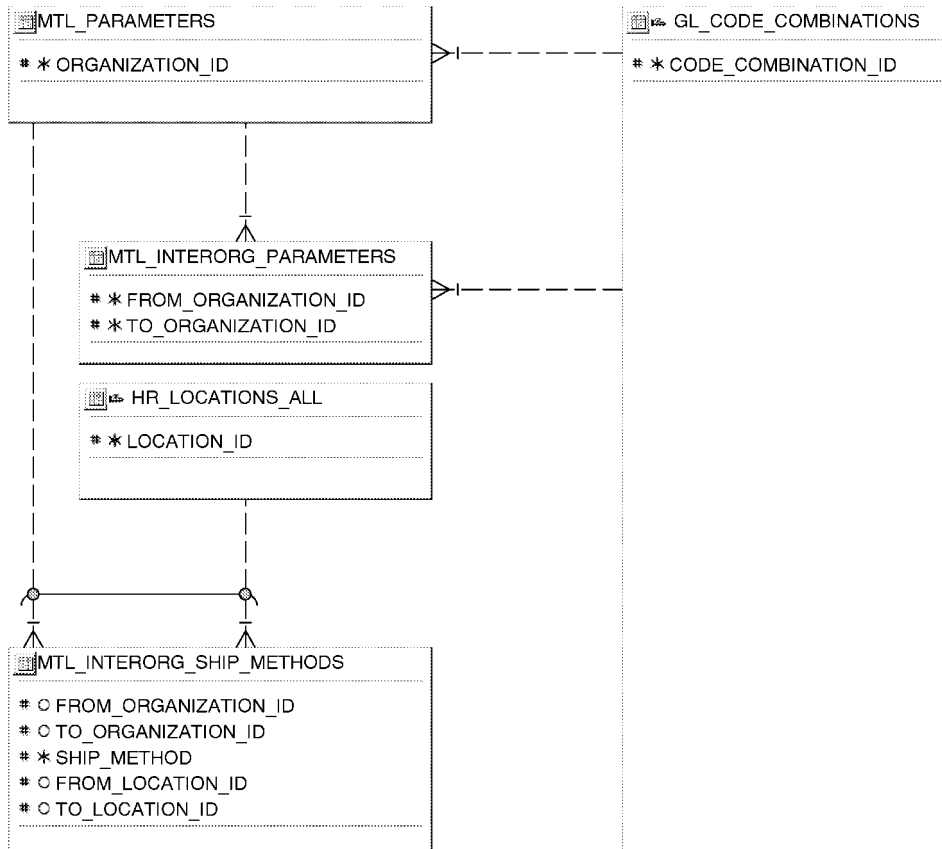
## Diagram 6: Item Master



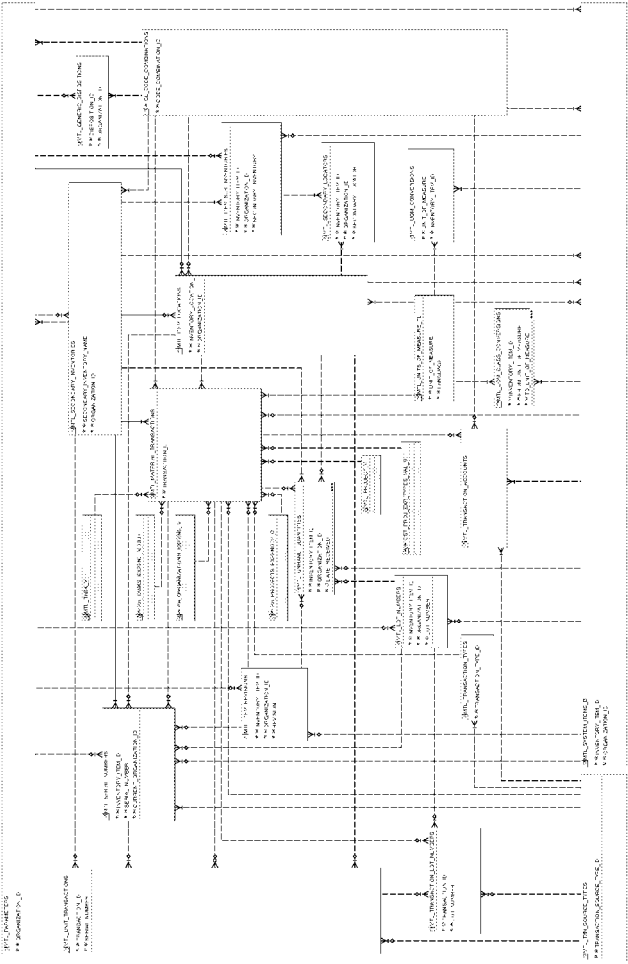
# Diagram 7: Transaction Setup



## Diagram 8: Ship Method



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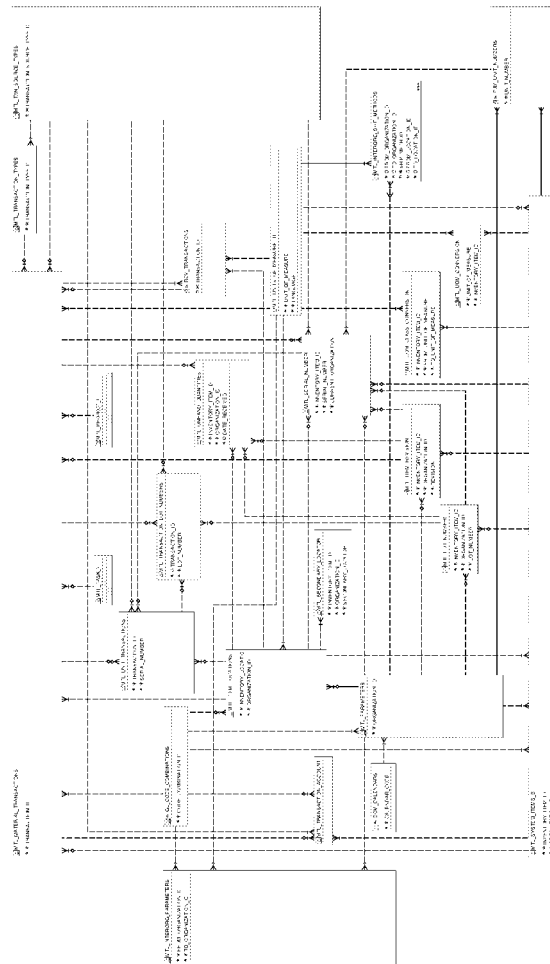
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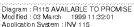


### Diagram 11: Inter-Organization Transfer Transactions

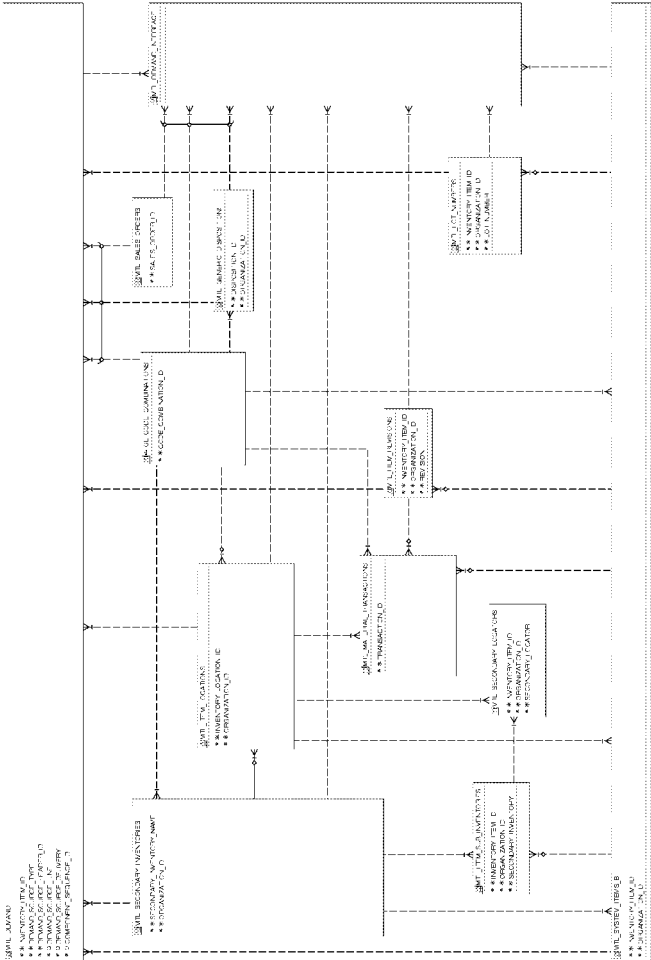


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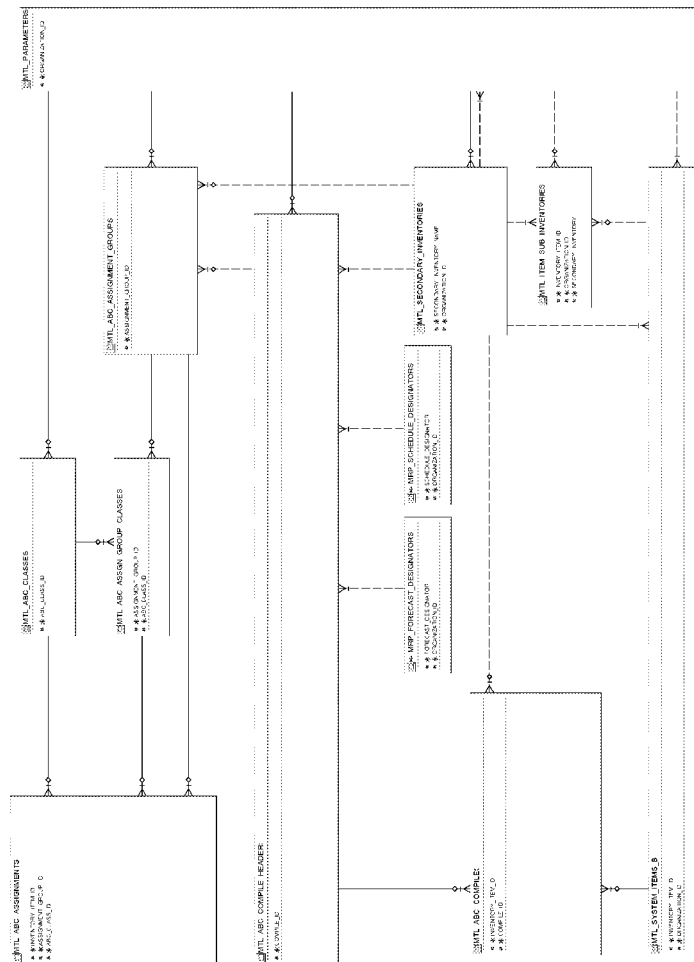


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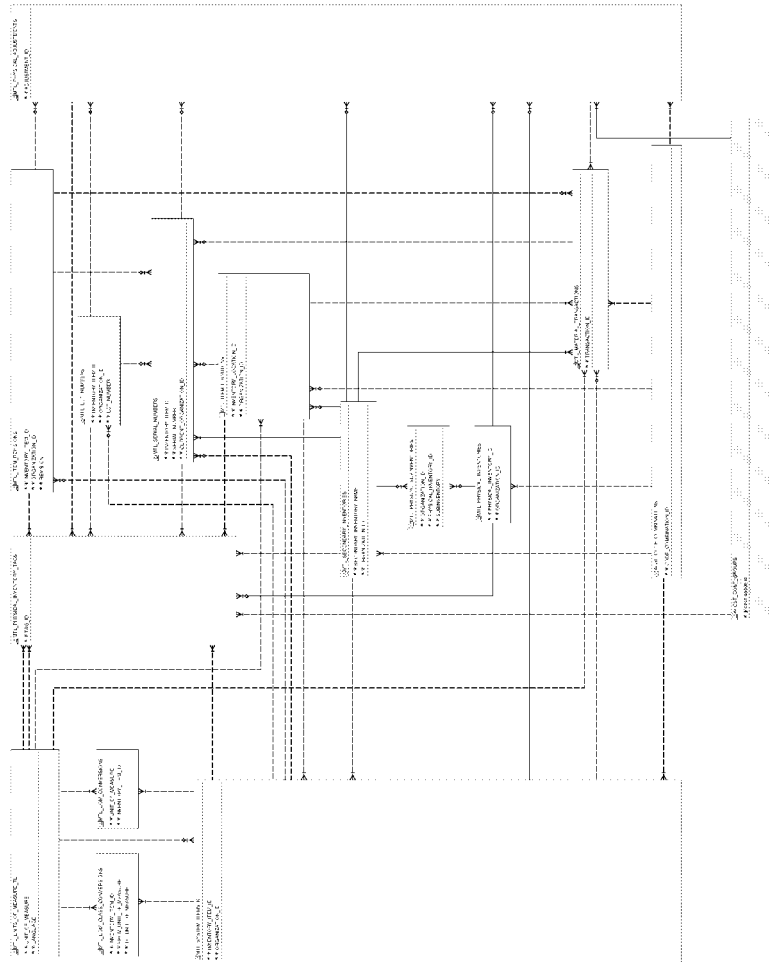
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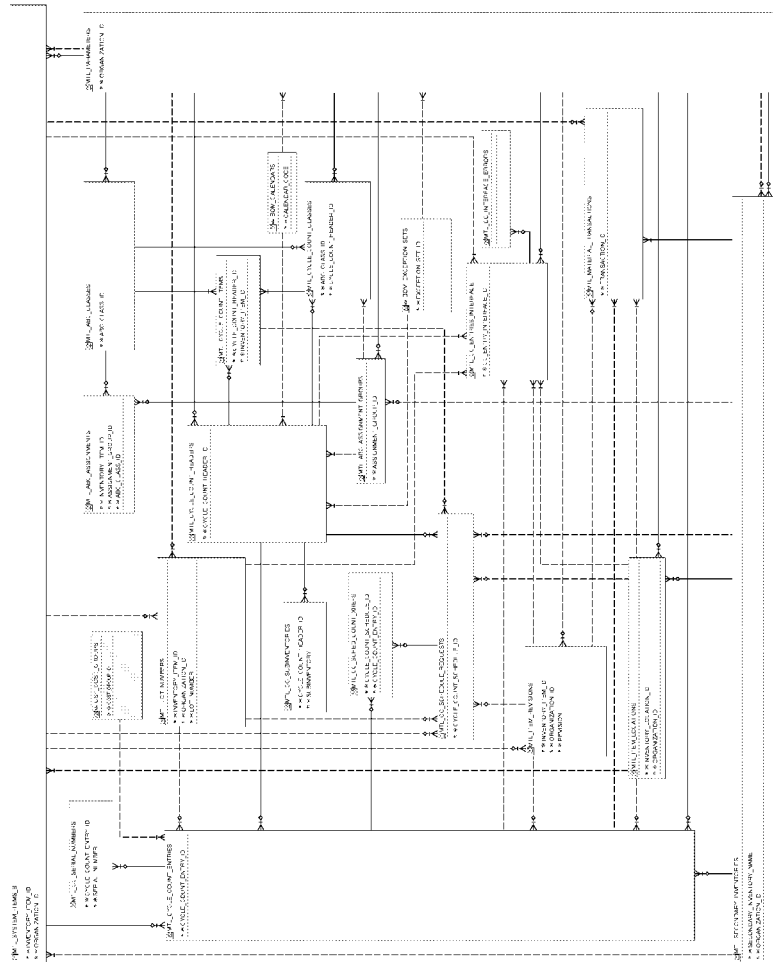
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## Diagram 16: Physical Inventory



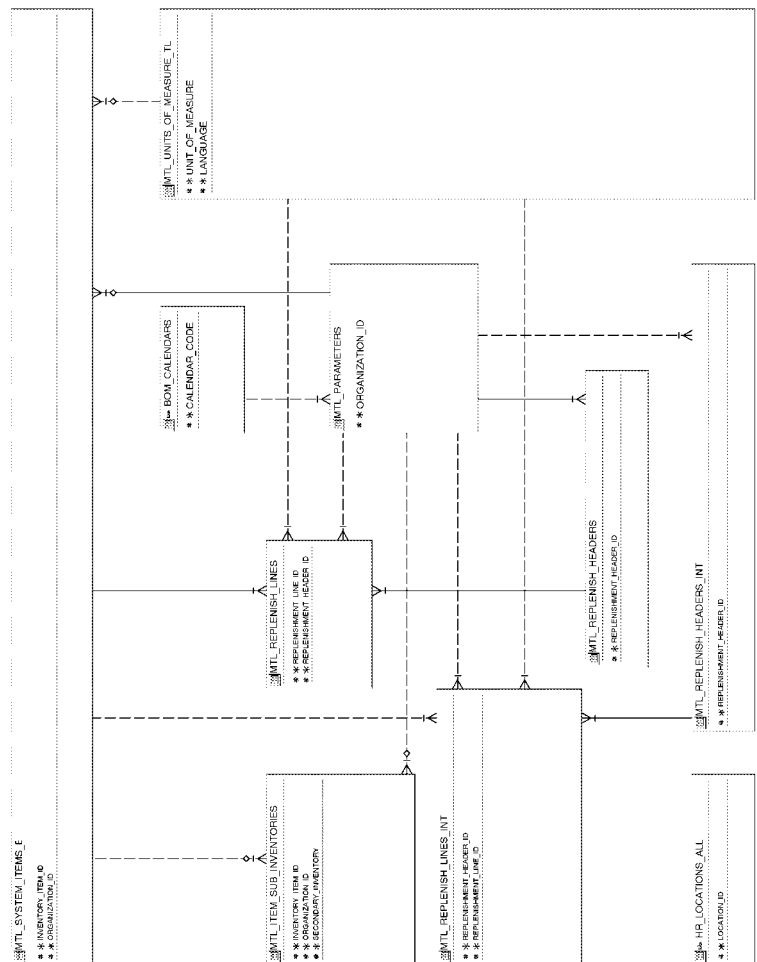
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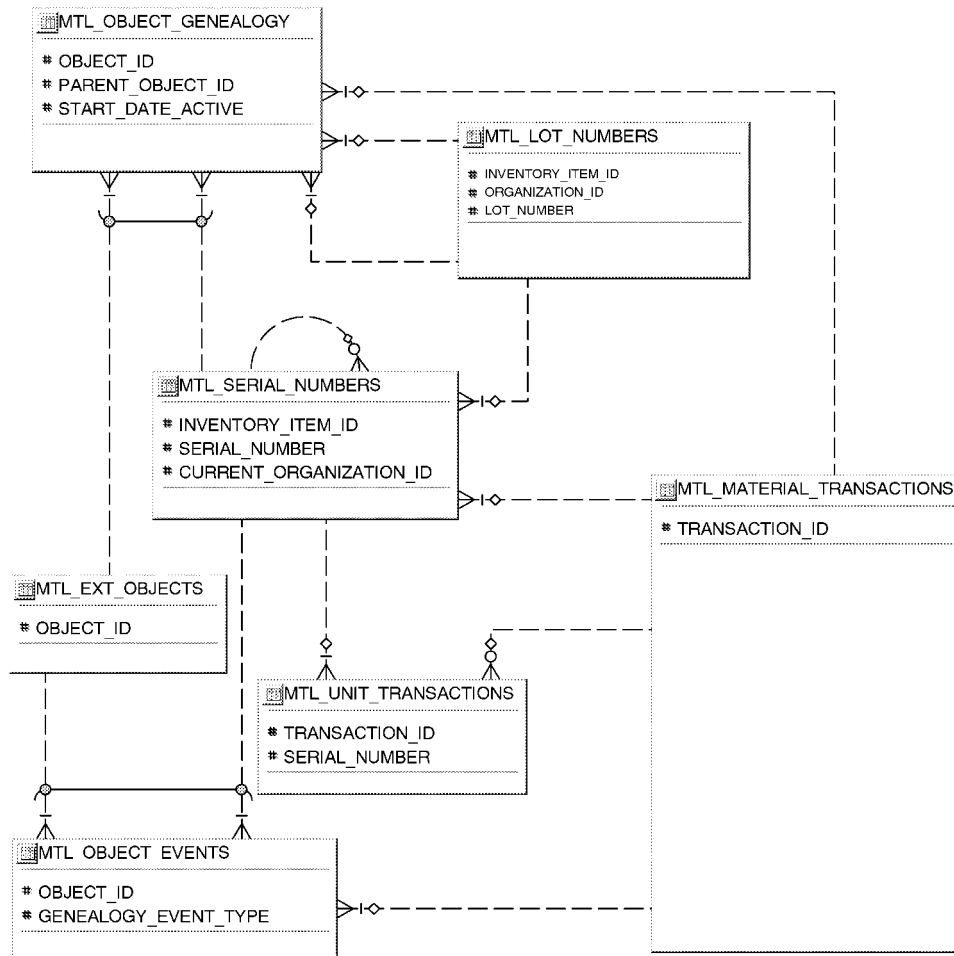
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Diagram 18: Inventory Replenishment

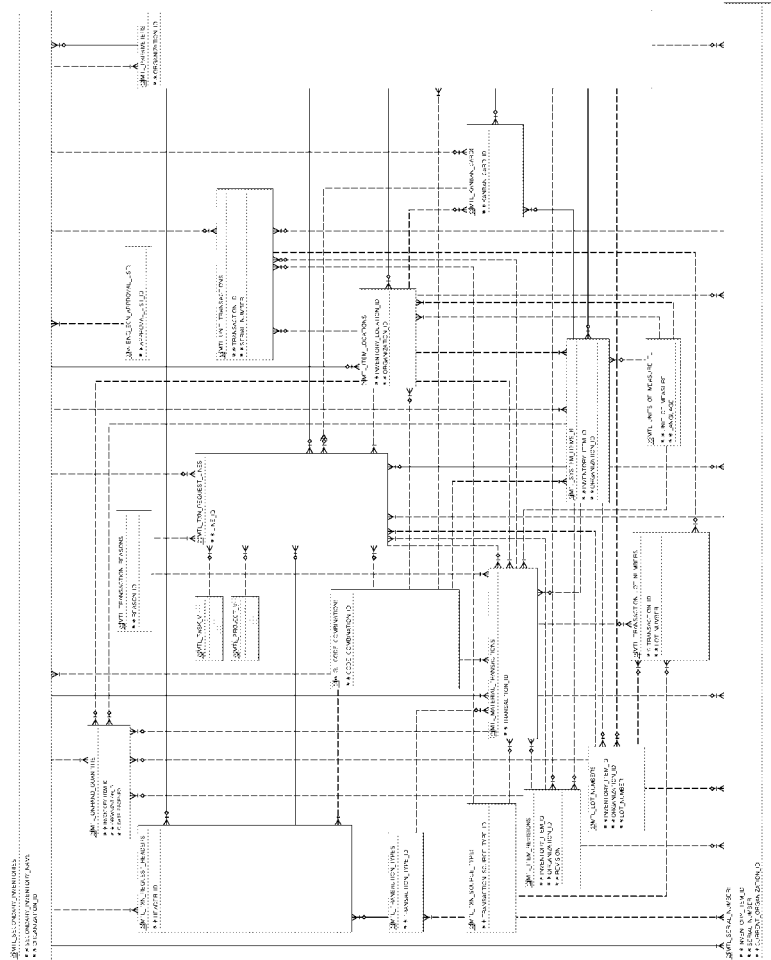


## Diagram 19: Serial Genealogy

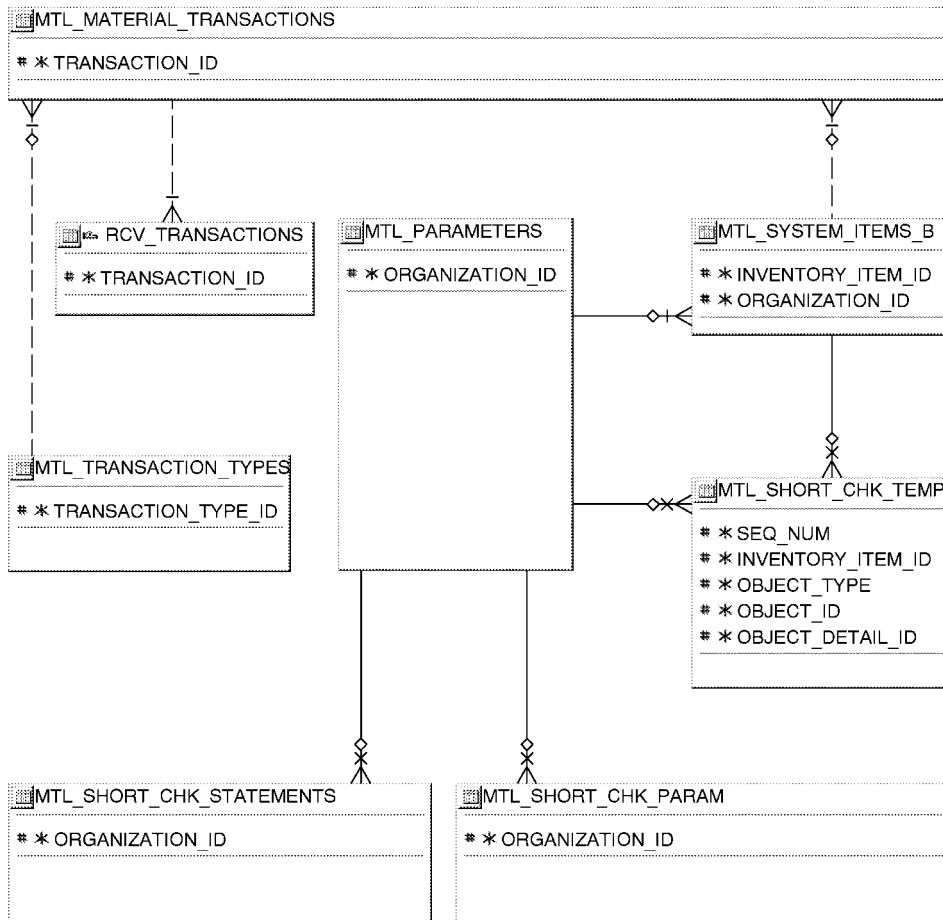


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## Diagram 20: Move Orders



## Diagram 21: Material Shortage Messages



## Public Table List

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

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

Oracle Inventory uses the following Public tables:

Table Name	Description
AP_INVOICES_ALL	Detailed invoice records (See page 3 – 7)
AP_TAX_CODES_ALL	Tax code information (See page 3 – 16)
AR_LOCATION_COMBINATIONS	Defines each distinct tax authority (See page 3 – 19)
AR_VAT_TAX_ALL_B	Tax codes defined in the Tax Codes and Rates window (See page 3 – 22)
BOM_BILL_OF_MATERIALS	Bills of material (See page 3 – 26)
BOM_CALENDARS	Workday calendars (See page 3 – 29)
BOM_CALENDAR_DATES	Workday calendar dates (See page 3 – 31)
BOM_CAL_WEEK_START_DATES	Workday calendar weekly start dates (See page 3 – 33)
BOM_CAL_YEAR_START_DATES	Workday calendar yearly start dates (See page 3 – 34)
BOM_DELETE_ENTITIES	Deleted entities in BOM and INV (See page 3 – 35)
BOM_DELETE_ERRORS	Errors occurring when deleting entities (See page 3 – 37)
BOM_DELETE_GROUPS	Delete groups of BOM and INV entities (See page 3 – 38)
BOM_DELETE_SQL_STATEMENTS	SQL statements used to check and delete entities (See page 3 – 40)
BOM_DELETE_SUB_ENTITIES	Component and operations to be deleted (See page 3 – 42)
BOM_DEPARTMENT_RESOURCES	Resources associated with departments (See page 3 – 44)
BOM_EXCEPTION_SETS	Exception sets (See page 3 – 46)

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BOM_INVENTORY_COMPONENTS	Bill of material components (See page 3 – 47)
BOM_OPERATIONAL_ROUTINGS	Routings (See page 3 – 52)
BOM_OPERATION_RESOURCES	Resources on operations (See page 3 – 55)
BOM_OPERATION_SEQUENCES	Routing operations (See page 3 – 57)
BOM_PARAMETERS	Bills of material parameters (See page 3 – 61)
BOM_PERIOD_START_DATES	Workday calendar period start dates (See page 3 – 63)
BOM_RESOURCES	Resources, overheads, material cost codes, and material overheads (See page 3 – 64)
BOM_SUBSTITUTE_COMPONENTS	Substitute components (See page 3 – 67)
COST_UPGR_ERROR_TABLE	Cost error table (See page 3 – 69)
CRP_AVAILABLE_RESOURCES	Resource availability information (See page 3 – 70)
CST_ACTIVITIES	Activity definition associated with activity costing (See page 3 – 72)
CST_COST_ELEMENTS	Cost elements definition (See page 3 – 74)
CST_COST_GROUPS	Stores cost group definitions (See page 3 – 75)
CST_COST_TYPES	Stores cost type definitions (See page 3 – 77)
CST_COST_UPDATES	Cost update history (See page 3 – 79)
CST_ITEM_COSTS	Item cost summary (See page 3 – 81)
CST_ITEM_COSTS_INTERFACE	Interface table for item cost (See page 3 – 83)
CST_ITEM_COST_DETAILS	Item cost detail information (See page 3 – 85)
CST_ITEM_CST_DTLS_INTERFACE	Interface table for item cost detail information (See page 3 – 88)
CST_PAC_ITEM_COSTS	Stores the item cost and quantity in a period and organization cost group. (See page 3 – 91)
CST_PAC_PERIODS	Holds information about periodic costing open and closed periods for each legal entity. (See page 3 – 93)
CST_STANDARD_COSTS	Standard cost history (See page 3 – 94)
EDW_CST_COGS_F	(See page 3 – 96)

EDW_CST_COGS_FSTG	(See page 3 – 99)
EDW_MTL_UOM_CLS_CONV_F	(See page 3 – 102)
EDW_MTL_UOM_CLS_CONV_FSTG	(See page 3 – 103)
EDW_MTL_UOM_CONV_F	(See page 3 – 105)
EDW_MTL_UOM_CONV_FSTG	(See page 3 – 106)
ENG_ECN_APPROVAL_LISTS	Engineering change order approval lists (See page 3 – 108)
ENG_ENGINEERING_CHANGES	Engineering change orders (See page 3 – 109)
ENG_REVISIED_ITEMS	Pending and implemented revised items (See page 3 – 112)
FA_CATEGORIES_B	Default financial information for asset categories (base MLS table) (See page 3 – 115)
FA_SYSTEM_CONTROLS	System-wide controls that affect all assets (See page 3 – 119)
FINANCIALS_SYSTEM_PARAMS_ALL	Oracle Financials system parameters and defaults (See page 3 – 121)
FND_APPLICATION	Applications registered with Oracle Application Object Library No table description
FND_CONCURRENT_REQUESTS	Concurrent requests information No table description
FND_CURRENCIES	Currencies enabled for use at your site (See page 3 – 127)
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
FND_DUAL	Dummy base table used by a form block that does not have a real base table (for commit purposes) (See page 3 – 130)
FND_FLEX_VALUES	Valid values for flexfield segments No table description
FND_FLEX_VALUE_SETS	Value sets used by both key and descriptive flexfields No table description
FND_ID_FLEX_SEGMENTS	Key flexfield segments setup information and correspondences between table columns and key flexfield segments No table description
FND_ID_FLEX_STRUCTURES	Key flexfield structure information No table description

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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_PROFILE_OPTIONS	User profile options No table description
FND_PROFILE_OPTION_VALUES	Values of user profile options defined at different profile levels No table description
FND_RESPONSIBILITY	Responsibilities No table description
FND_TERRITORIES	Territories, also known as countries No table description
FND_USER	Application users No table description
GL_CODE_COMBINATIONS	Account combinations (See page 3 – 131)
GL_DAILY_CONVERSION_TYPES	Foreign currency daily conversion rate types (See page 3 – 136)
GL_ENCUMBRANCE_TYPES	Encumbrance type definitions (See page 3 – 137)
GL_INTERFACE	Import journal entry batches (See page 3 – 138)
GL_JE_CATEGORIES_TL	Journal entry categories (See page 3 – 142)
GL_JE_SOURCES_TL	Journal entry sources (See page 3 – 143)
GL_PERIODS	Calendar period definitions (See page 3 – 145)
GL_PERIOD_SETS	Calendar definitions (See page 3 – 147)
GL_SETS_OF_BOOKS	Set of books definitions (See page 3 – 148)
HR_ALL_ORGANIZATION_UNITS	Organization unit definitions. (See page 3 – 152)
HR_LOCATIONS_ALL	Work location definitions. (See page 3 – 155)
HR_ORGANIZATION_INFORMATION	Additional attributes of an organization, dependent on class or organization information type. (See page 3 – 158)
MRP_DESIGNATORS	Plan names (See page 3 – 161)
MRP_FORECAST_DATES	Forecast entries (See page 3 – 163)
MRP_FORECAST_DESIGNATORS	Forecast names and sets (See page 3 – 168)
MRP_FORECAST_ITEMS	Items in a forecast (See page 3 – 170)

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MRP_GROSS_REQUIREMENTS	Gross requirements (See page 3 – 172)
MRP_PARAMETERS	Planning parameters (See page 3 – 175)
MRP_PLANNING_EXCEPTION_SETS	Controls for a set of exception messages (See page 3 – 178)
MRP_PLANS	Settings for a specific plan name (See page 3 – 181)
MRP_RECOMMENDATIONS	MRP plan recommendations (See page 3 – 187)
MRP_RELIEF_INTERFACE	Interface table to relieve the master schedule tables (See page 3 – 194)
MRP_SCHEDULE_DATES	Master production schedule and master demand schedule (See page 3 – 197)
MRP_SCHEDULE_DESIGNATORS	Schedule names (See page 3 – 202)
MRP_SCHEDULE_ITEMS	Master scheduled items (See page 3 – 204)
MTL_ABC_ASSGN_GROUP_CLASSES	Assigns abc classes to abc groups (See page 3 – 206)
MTL_ABC_ASSIGNMENTS	Assigns items to abc classes in an abc group (See page 3 – 208)
MTL_ABC_ASSIGNMENT_GROUPS	Defines abc groups (See page 3 – 209)
MTL_ABC_CLASSES	Inventory ABC classes (See page 3 – 211)
MTL_ABC_COMPILES	ABC descending value compile data (See page 3 – 212)
MTL_ABC_COMPILES_EFC	Euro as a Functional Currency Archive (See page 3 – 213)
MTL_ABC_COMPILE_HEADERS	ABC compile header data (See page 3 – 214)
MTL_ABC_COMPILE_HEADERS_EFC	Euro as a Functional Currency Archive (See page 3 – 217)
MTL_ACTUAL_COST_SUBELEMENT	Stores the material overhead subelements (See page 3 – 218)
MTL_ACTUAL_COST_SUBELEMENT_EFC	Euro as a Functional Currency Archive (See page 3 – 219)
MTL_ATP_RULES	ATP computation rules (See page 3 – 220)
MTL_ATTR_APPL_DEPENDENCIES	Dependencies between item attributes and Oracle products (See page 3 – 225)
MTL_BIS_INV_BY_PERIOD	BIS table that stores inventory turns data by organization, accounting period and Inventory item id for open periods and closed periods (See page 3 – 226)
MTL_CATALOG_SEARCH_ITEMS	Items returned by item searches (See page 3 – 227)

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MTL_CATEGORIES_B	Code combinations table for item categories (See page 3 – 228)
MTL_CATEGORIES_TL	Categories table holding translated Description column for Item Categories (See page 3 – 230)
MTL_CATEGORY_ACCOUNTS	Asset and expense accounts by item category, by subinventory (See page 3 – 231)
MTL_CATEGORY_SETS_B	Category Sets (See page 3 – 233)
MTL_CATEGORY_SETS_TL	A table holding translated Name and Description columns for Category Sets (See page 3 – 235)
MTL_CATEGORY_SET_VALID_CATS	Valid categories for category sets (See page 3 – 236)
MTL_CC_ENTRIES_INTERFACE	Cycle Count Entries Interface data (See page 3 – 237)
MTL_CC_INTERFACE_ERRORS	Cycle Count Entries Interface process errors (See page 3 – 242)
MTL_CC_SCHEDULE_REQUESTS	Defines cycle count schedule requests (See page 3 – 243)
MTL_CC_SCHED_COUNT_XREFS	Cross references count entry requests (See page 3 – 246)
MTL_CC_SERIAL_NUMBERS	Serial Numbers for Cycle Count Entries. (See page 3 – 247)
MTL_CC_SUBINVENTORIES	Defines subinventories to be used in subinventory level cycle count (See page 3 – 249)
MTL_CI_INTERFACE	Customer Items Interface (See page 3 – 250)
MTL_CI_XREFS_INTERFACE	Customer Items Cross References Interface (See page 3 – 256)
MTL_COMMODITY_CODES	Customer item commodity codes (See page 3 – 261)
MTL_COPY_ORG_INTERFACE	Generate Inventory Organizations (See page 3 – 262)
MTL_COUNTRY_ASSIGNMENTS	stores information concerning the assignment of countries to economic zones. (See page 3 – 263)
MTL_CROSS_REFERENCES	Assign cross references to items (See page 3 – 264)
MTL_CROSS_REFERENCES_INTERFACE	(not currently used) (See page 3 – 266)
MTL_CROSS_REFERENCE_TYPES	Define cross reference types (See page 3 – 268)
MTL_CST_ACTUAL_COST_DETAILS	Actual cost information by element, by level (See page 3 – 269)

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MTL_CST_ACTUAL_COST_DETAIL_EFC	Euro as a Functional Currency Archive (See page 3 – 271)
MTL_CST_LAYER_ACT_COST_DETAILS	Actual cost information by element, by level (See page 3 – 272)
MTL_CST_TXN_COST_DETAILS	The cost of a transaction by element, by level (See page 3 – 273)
MTL_CST_TXN_COST_DETAILS_EFC	Euro as a Functional Currency Archive (See page 3 – 274)
MTL_CUSTOMER_ITEMS	Customer item Information (See page 3 – 275)
MTL_CUSTOMER_ITEM_XREFS	Relationships between customer items and inventory items (See page 3 – 278)
MTL_CYCLE_COUNT_CLASSES	Defines cycle count classes (See page 3 – 280)
MTL_CYCLE_COUNT_CLASSES_EFC	Euro as a Functional Currency Archive (See page 3 – 282)
MTL_CYCLE_COUNT_ENTRIES	Defines cycle count entries (See page 3 – 283)
MTL_CYCLE_COUNT_ENTRIES_EFC	Euro as a Functional Currency Archive (See page 3 – 287)
MTL_CYCLE_COUNT_HEADERS	Defines cycle count header information (See page 3 – 288)
MTL_CYCLE_COUNT_HEADERS_EFC	Euro as a Functional Currency Archive (See page 3 – 292)
MTL_CYCLE_COUNT_ITEMS	Defines items to be used in cycle count (See page 3 – 293)
MTL_DEFAULT_CATEGORY_SETS	Default category set for a particular functional area (See page 3 – 295)
MTL_DEMAND	Sales order demand and reservations (See page 3 – 297)
MTL_DEMAND_HISTORIES	Sales order demand and reservations (See page 3 – 303)
MTL_DEMAND_INTERFACE	Temporary demand storage for the transaction processor (See page 3 – 305)
MTL_DESCRIPTIVE_ELEMENTS	Descriptive element definitions for an item catalog group (See page 3 – 319)
MTL_DESCR_ELEMENT_VALUES	Stores the descriptive element values for a particular item (See page 3 – 321)
MTL_DESC_ELEM_VAL_INTERFACE	Not used currently (See page 3 – 323)
MTL_ECONOMIC_ZONES_B	Stores information concerning all the economic zones. (See page 3 – 324)

MTL_ECONOMIC_ZONES_TL	Corresponding translation table for MTL_ECONOMIC_ZONES_B. (See page 3 – 325)
MTL_EXT_OBJECTS	External component information of an inventory item (See page 3 – 326)
MTL_FISCAL_CAT_ACCOUNTS	Category account definitions for legal entity (See page 3 – 328)
MTL_FLEX_CONTEXT	Context mapping table for Lot & Serial attributes Descriptive Flex Fields. (See page 3 – 329)
MTL_FORECAST_RULES	Forecast rules for forecast processes (See page 3 – 330)
MTL_GENERIC_DISPOSITIONS	Account alias definition (See page 3 – 333)
MTL_ICG_ALIASES	Recommended item aliases for items in an item catalog group (See page 3 – 335)
MTL_ICG_CATEGORIES	Recommended item categories for items in an item catalog group (See page 3 – 336)
MTL_INTERCOMPANY_PARAMETERS	Inter-company relationships (See page 3 – 337)
MTL_INTERFACE_ERRORS	Item open interface errors (See page 3 – 339)
MTL_INTERFACE_PROC_CONTROLS	Interface Processes Control Parameters (See page 3 – 340)
MTL_INTERORG_PARAMETERS	Inter-organization relationships (See page 3 – 342)
MTL_INTERORG_SHIP_METHODS	Relationships between shipping networks and shipment methods (See page 3 – 345)
MTL_ITEM_ATTRIBUTES	Item attributes table (See page 3 – 347)
MTL_ITEM_ATTRIBUTES_TEMP	Temporary Table specifically for item attributes copy form (See page 3 – 350)
MTL_ITEM_CATALOG_GROUPS	Item catalog groups (See page 3 – 353)
MTL_ITEM_CATEGORIES	Define item assignments to categories (See page 3 – 355)
MTL_ITEM_CATEGORIES_INTERFACE	Item Category Open Interface table; used to load item assignments to category sets and categories into Oracle Inventory. (See page 3 – 357)
MTL_ITEM_CHILD_INFO_INTERFACE	Not currently used (See page 3 – 359)
MTL_ITEM_LOCATIONS	Definitions for stock locators (See page 3 – 361)

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MTL_ITEM_LOC_DEFAULTS	Inventory item receiving and shipping locator default values (See page 3 – 364)
MTL_ITEM_REVISIONS	Item revisions (See page 3 – 365)
MTL_ITEM_REVISIONS_INTERFACE	Item revisions interface (See page 3 – 367)
MTL_ITEM_STATUS	Material status definitions (See page 3 – 369)
MTL_ITEM_SUB_DEFAULTS	Inventory item receiving and shipping subinventory default values (See page 3 – 370)
MTL_ITEM_SUB_INVENTORIES	Item-subinventory assignments (See page 3 – 372)
MTL_ITEM_SUB_INVS_INTERFACE	(currently not used) (See page 3 – 374)
MTL_ITEM_TEMPLATES	Item template definitions (See page 3 – 377)
MTL_ITEM_TEMPL_ATTRIBUTES	Item attributes and attribute values for a template (See page 3 – 379)
MTL_ITEM_VALUES_TEMP	Holds Item Attributes and their values. Used in the Item Attributes Copyform. (See page 3 – 381)
MTL_KANBAN_CARDS	Kanban Cards (See page 3 – 386)
MTL_KANBAN_CARD_ACTIVITY	Kanban Card Activity (See page 3 – 389)
MTL_KANBAN_CARD_PRINT_TEMP	Temporary table used to print kanban cards (See page 3 – 392)
MTL_KANBAN_PULL_SEQUENCES	Kanban Pull Sequences (See page 3 – 393)
MTL_KANBAN_TEMPLATES	(See page 3 – 396)
MTL_LE_ECONOMIC_ZONES	stores information concerning the assignment of legal entity to economic zones. (See page 3 – 398)
MTL_LOT_NUMBERS	Lot number definitions (See page 3 – 399)
MTL_MANUFACTURERS	Define manufacturers (See page 3 – 403)
MTL_MATERIAL_STATUSES	Inventory status definition – Used by WMS only (See page 3 – 404)
MTL_MATERIAL_STATUSES_B	Base table for inventory status definitions – Used by WMS only (See page 3 – 406)
MTL_MATERIAL_STATUSES_TL	Translation table for inventory status definition – Used by WMS only (See page 3 – 408)

MTL_MATERIAL_STATUS_HISTORY	Inventory status update history – Used by WMS only (See page 3 – 409)
MTL_MATERIAL_TRANSACTIONS	Material transaction table (See page 3 – 411)
MTL_MATERIAL_TRANSACTIONS_EFC	Euro as a Functional Currency Archive (See page 3 – 418)
MTL_MATERIAL_TRANSACTIONS_TEMP	Temporary table for processing material transactions (See page 3 – 419)
MTL_MATERIAL_TXN_ALLOCATIONS	Unit allocations among repetitive schedules (See page 3 – 426)
MTL_MFG_PART_NUMBERS	Define manufacturer part numbers (See page 3 – 427)
MTL_MGD_INVENTORY_POSITIONS	Stores the data sets built for on line display or for export (See page 3 – 429)
MTL_MOVEMENT_PARAMETERS	Movement parameter values (See page 3 – 430)
MTL_MOVEMENT_STATISTICS	Stores all relevant information for movement statistics transactions. (See page 3 – 432)
MTL_MOVEMENT_STATISTICS_EFC	Euro as a Functional Currency Archive (See page 3 – 438)
MTL_MVT_STATS_RULES	This table stores validation rules defined for movement statistics fields that belong to a rule set as defined in MTL_MVT_STATS_RULE_SETS_B table. Each row stores a rule that can determine a valid set of values for a field or an alternate unit of measure for the weight of a commodity code. Each row is uniquely identified by the combination of a Rule_Set_Code and a Rule_Number. Attribute_Code stores the movement statistics field name for which a rule is defined or the alternate unit of measure code. Attribute_Property_Code, Attribute_Lookup_Type and Source_Type columns qualify an attribute_code that stores the field names. Commodity_Code stores the commodity code associated to a Category Set as defined in the MTL_MVT_STATS_RULE_SETS_B as the category_set_id. (See page 3 – 439)
MTL_MVT_STATS_RULE_SETS_B	Movement Statistics table to store Rule Sets for validation rules. (See page 3 – 441)

MTL_MVT_STATS_RULE_SETS_TL	MTL_MVT_STATS_RULE_SET_TL is the corresponding translation table for MTL_MVT_STATS_RULE_SET_B. This table contains one entry for every Rule Set Code and Language. Rule Set Code and Language uniquely identify a row. Rule Set Display Name identifies the Name of a rule set. Rule Set Description gives a description of the rule set. This is the base table of a multilingual entity, MTL_MVT_STATS_RULE_SET_TL contains the language dependent columns. (See page 3 – 442)
MTL_OBJECT_EVENTS	Major events that have occurred relevant to an object (See page 3 – 443)
MTL_OBJECT_GENEALOGY	Genealogy information between an object and its parents (See page 3 – 444)
MTL_ONHAND_QUANTITIES	FIFO quantities by control level and receipt (See page 3 – 446)
MTL_ONHAND_QUANTITY_TEMP	Temporary table for on-hand quantity queries (See page 3 – 448)
MTL_ORG_REPORT_TEMP	Multi-organization inventory report temporary table (See page 3 – 450)
MTL_PAC_ACTUAL_COST_DETAILS	Stores the elemental cost for a given transaction in a period (See page 3 – 451)
MTL_PAC_ACTUAL_COST_DETAIL_EFC	Euro as a Functional Currency Archive (See page 3 – 453)
MTL_PAC_COST_SUBELEMENTS	Stores the material overhead sub-elements that are charged for a given transaction in a particular period. (See page 3 – 454)
MTL_PAC_COST_SUBELEMENTS_EFC	Euro as a Functional Currency Archive (See page 3 – 455)
MTL_PAC_TXN_COST_DETAILS	Transaction details for a period (See page 3 – 456)
MTL_PAC_TXN_COST_DETAILS_EFC	Euro as a Functional Currency Archive (See page 3 – 457)
MTL_PARAMETERS	Inventory control options and defaults (See page 3 – 458)
MTL_PENDING_ITEM_STATUS	History of item-status assignments (See page 3 – 465)
MTL_PERIOD_CG_SUMMARY	(See page 3 – 467)
MTL_PERIOD_SUMMARY	Period summary inventory values for subinventories (See page 3 – 468)

MTL_PERIOD_SUMMARY_EFC	Euro as a Functional Currency Archive (See page 3 – 469)
MTL_PER_CLOSE_DTLS	(See page 3 – 470)
MTL_PER_CLOSE_DTLS_EFC	Euro as a Functional Currency Archive (See page 3 – 471)
MTL_PHYSICAL_ADJUSTMENTS	Physical inventory adjustments (See page 3 – 472)
MTL_PHYSICAL_ADJUSTMENTS_EFC	Euro as a Functional Currency Archive (See page 3 – 475)
MTL_PHYSICAL_INVENTORIES	Physical inventory definitions (See page 3 – 476)
MTL_PHYSICAL_INVENTORIES_EFC	Euro as a Functional Currency Archive (See page 3 – 479)
MTL_PHYSICAL_INVENTORY_TAGS	Physical inventory tag definitions (See page 3 – 480)
MTL_PHYSICAL_SUBINVENTORIES	Physical inventory specific subinventories (See page 3 – 483)
MTL_PICKING_RULES	Picking Rule Definitions (See page 3 – 484)
MTL_PLANNERS	Planner code definitions (See page 3 – 486)
MTL_PURGE_HEADER	Transaction history purges (See page 3 – 487)
MTL_QOH_ITEM_TMP	(not currently used) (See page 3 – 488)
MTL_QOH_LOCATOR_TMP	(not currently used) (See page 3 – 489)
MTL_QOH_LOT_TMP	(not currently used) (See page 3 – 490)
MTL_QOH_REV_TMP	(not currently used) (See page 3 – 491)
MTL_QOH_SUB_TMP	(not currently used) (See page 3 – 492)
MTL_RELATED_ITEMS	Item relationships (See page 3 – 493)
MTL_RELATED_ITEMS_INTERFACE	Not currently used (See page 3 – 495)
MTL_REPLENISH_HEADERS	Replenishment header information (See page 3 – 497)
MTL_REPLENISH_HEADERS_INT	Replenishment header interface information (See page 3 – 500)
MTL_REPLENISH_LINES	Replenishment line information (See page 3 – 503)
MTL_REPLENISH_LINES_INT	Replenishment line interface information (See page 3 – 506)
MTL_RESERVATIONS	Reservations (See page 3 – 508)
MTL_RESERVATIONS_INTERFACE	Reservations Interface (See page 3 – 511)
MTL_RTG_ITEM_REVISIONS	Routing revisions (See page 3 – 519)

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MTL_RTG_ITEM_REVS_INTERFACE	Routing revisions interface table (See page 3 – 521)
MTL_SAFETY_STOCKS	Safety stocks (See page 3 – 523)
MTL_SALES_ORDERS	Local definitions of sales orders (See page 3 – 525)
MTL_SEASONALITY_INDICES	Seasonality indices (See page 3 – 527)
MTL_SECONDARY_INVENTORIES	Subinventory definitions (See page 3 – 528)
MTL_SECONDARY_LOCATORS	Item–subinventory–locator assignments (See page 3 – 532)
MTL_SECONDARY_LOCS_INTERFACE	(not currently used) (See page 3 – 533)
MTL_SERIAL_NUMBERS	Serial number definitions (See page 3 – 535)
MTL_SERIAL_NUMBERS_INTERFACE	Temporary serial number storage for transactions processor (See page 3 – 541)
MTL_SERIAL_NUMBERS_TEMP	Temporary serial number holding table (See page 3 – 544)
MTL_SHORT_CHK_PARAM	Shortage Parameters (See page 3 – 547)
MTL_SHORT_CHK_STATEMENTS	Shortage Check Statements (See page 3 – 552)
MTL_SHORT_CHK_TEMP	Shortage Check Temporary Table (See page 3 – 553)
MTL_SO_RMA_INTERFACE	THIS TABLE IS OBSOLETE WITH THE NEW ORDER MANAGEMENT SYSTEM. IT IS USED ONLY FOR DATA MIGRATION FROM THIS TABLE TO THE NEW ORDER MANAGEMENT SYSTEM. .RMA headers and lines for OE interface (See page 3 – 554)
MTL_SO_RMA_RECEIPTS	THIS TABLE IS OBSOLETE WITH THE NEW ORDER MANAGEMENT SYSTEM. IT IS USED ONLY FOR DATA MIGRATION FROM THIS TABLE TO THE NEW ORDER MANAGEMENT SYSTEM. RMA receipt transactions (See page 2 – 47)
MTL_STATUS_ATTRIBUTE_VALUES	Item status code attribute values (See page 3 – 558)
MTL_STATUS_TRANSACTION_CONTROL	Relations between inventory status and transaction type – Used by WMS only (See page 3 – 559)
MTL_STAT_TYPE_USAGES	Stores information which determines the statistical type data for each legal entity. (See page 3 – 560)
MTL_SUMMARY_TEMP	Transaction summaries (See page 3 – 561)
MTL_SUPPLY	Stores incoming supply information (See page 3 – 562)

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MTL_SUPPLY_DEMAND_TEMP	Temporary table containing ATP details returned from ATP user-exit (See page 3 – 567)
MTL_SYSTEM_ITEMS_B	Inventory item definitions (See page 3 – 570)
MTL_SYSTEM_ITEMS_B_EFC	Euro as a Functional Currency Archive (See page 3 – 590)
MTL_SYSTEM_ITEMS_INTERFACE	Inventory Items Open Interface table (See page 3 – 591)
MTL_SYSTEM_ITEMS_TL	Translations table table holding item descriptions in multiple languages (See page 3 – 608)
MTL_TRANSACTIONS_INTERFACE	Gateway for externally generated material transactions (See page 3 – 609)
MTL_TRANSACTION_ACCOUNTS	Material transaction distributions (See page 3 – 619)
MTL_TRANSACTION_ACCOUNTS_EFC	Euro as a Functional Currency Archive (See page 3 – 622)
MTL_TRANSACTION_LOTS_INTERFACE	Temporary lot storage for transaction processor (See page 3 – 623)
MTL_TRANSACTION_LOTS_TEMP	Temporary lot numbers holding table (See page 3 – 626)
MTL_TRANSACTION_LOT_NUMBERS	Transaction lot numbers (See page 3 – 630)
MTL_TRANSACTION_REASONS	Inventory Transaction Reasons Table (See page 3 – 633)
MTL_TRANSACTION_TYPES	Inventory Transaction Types Table (See page 3 – 634)
MTL_TXN_COST_DET_INTERFACE	Stores transaction cost by element and by level for transactions to be imported through the transaction interface (See page 3 – 636)
MTL_TXN_REQUEST_HEADERS	Move Order headers table (See page 3 – 637)
MTL_TXN_REQUEST_LINES	Move order lines table (See page 3 – 639)
MTL_TXN_SOURCE_TYPES	Valid transaction source types (See page 3 – 643)
MTL_UNITS_OF_MEASURE_TL	Unit of measure definitions (See page 3 – 645)
MTL_UNIT_TRANSACTIONS	Serial number transactions (See page 3 – 647)
MTL_UOM_CLASSES_TL	Unit of measure classes (See page 3 – 650)
MTL_UOM_CLASS_CONVERSIONS	Conversions between base units of two different classes (See page 3 – 651)
MTL_UOM_CONVERSIONS	Unit of measure conversion table for both default and item specific conversions (See page 3 – 653)

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MTL_UPDATE_RECORDS_TEMP	Used exclusively for the item attribute copy form (See page 3 – 655)
MTL_USER_DEMAND	External demand information to be considered in ATP (See page 3 – 656)
MTL_USER_SUPPLY	External supply information to be considered in ATP (See page 3 – 658)
ORG_ACCESS	Organization access rules table (See page 3 – 660)
ORG_ACCT_PERIODS	Organization accounting period definition table (See page 3 – 661)
ORG_FREIGHT_TL	Freight codes (See page 3 – 663)
ORG_GL_BATCHES	General Ledger transfer information for each batch (See page 3 – 665)
PAY_COST_ALLOCATION_KEYFLEX	Cost Allocation key flexfield combinations table. (See page 3 – 666)
PA_EXPENDITURE_TYPES	Implementation–defined classifications of expenditures charged to projects and tasks (See page 3 – 668)
PJM_UNIT_NUMBERS	End Item Model/Unit Numbers (See page 3 – 670)
PJM_UNIT_SERIAL_HISTORY	Change History of Serial Number – Model/Unit Number Associations (See page 3 – 672)
PO_AGENTS	Buyers table (See page 3 – 673)
PO_DISTRIBUTIONS_ALL	Purchase order distributions (See page 3 – 675)
PO_HAZARD_CLASSES_B	Hazardous classes (See page 3 – 682)
PO_HEADERS_ALL	Document headers (for purchase orders, purchase agreements, quotations, RFQs) (See page 3 – 684)
PO_LINES_ALL	Purchase document lines (for purchase orders, purchase agreements, quotations, RFQs) (See page 3 – 692)
PO_LINE_LOCATIONS_ALL	Document shipment schedules (for purchase orders, purchase agreements, quotations, RFQs) (See page 3 – 699)
PO_RELEASES_ALL	Purchase order releases (See page 3 – 707)
PO_REQUISITIONS_INTERFACE_ALL	Requisition Import interface table (See page 3 – 712)
PO_REQUISITION_HEADERS_ALL	Requisition headers (See page 3 – 721)

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PO_REQUISITION_LINES_ALL	Requisition lines (See page 3 – 725)
PO_SYSTEM_PARAMETERS_ALL	Purchasing options (See page 3 – 732)
PO_UN_NUMBERS_B	United Nations numbers (See page 3 – 737)
PO_VENDORS	Suppliers (See page 3 – 739)
PO_VENDOR_SITES_ALL	Supplier sites (See page 3 – 746)
RA_CUST_TRX_TYPES_ALL	Transaction type for invoices, commitments and credit memos (See page 3 – 751)
RA_RULES	Invoicing and accounting rules (See page 3 – 755)
RA_TERMS_B	Payment Term information (See page 3 – 757)
RA_TERRITORIES	Territory information (See page 3 – 759)
RCV_LOTS_INTERFACE	Receiving lots interface table (See page 3 – 761)
RCV_PARAMETERS	Organization-level receiving controls (See page 3 – 762)
RCV_ROUTING_HEADERS	Receiving routing headers (See page 3 – 765)
RCV_SERIALS_INTERFACE	Receiving serial interface table (See page 3 – 766)
RCV_SHIPMENT_HEADERS	Shipment and receipt header information (See page 3 – 767)
RCV_SHIPMENT_LINES	Receiving shipment line information (See page 3 – 771)
RCV_TRANSACTIONS	Receiving transactions (See page 3 – 775)
RCV_TRANSACTIONS_INTERFACE	Receiving transactions interface table (See page 3 – 781)
WIP_COST_TXN_INTERFACE	Requests to process cost transactions (See page 3 – 790)
WIP_DISCRETE_JOBS	Discrete jobs (See page 3 – 795)
WIP_ENTITIES	Information common to jobs and schedules (See page 3 – 801)
WIP_FLOW_SCHEDULES	Work order-less flow schedules (See page 3 – 803)
WIP_LINES	Production lines No table description
WIP_MOVE_TRANSACTIONS	Shop floor move transactions (See page 3 – 809)
WIP_MOVE_TXN_INTERFACE	Requests to process shop floor move transactions (See page 3 – 812)

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WIP_OPERATIONS	Operations necessary for jobs and schedules (See page 3 – 816)
WIP_OPERATION_RESOURCES	Resources necessary for operations (See page 3 – 819)
WIP_PARAMETERS	WIP specific organization level parameters (See page 3 – 822)
WIP_PERIOD_BALANCES	Job and schedule charges, by accounting period (See page 3 – 826)
WIP_REPETITIVE_ITEMS	Line/assembly associations (See page 3 – 829)
WIP_REPETITIVE_SCHEDULES	Repetitive schedules (See page 3 – 832)
WIP_REQUIREMENT_OPERATIONS	Components required by jobs and schedules (See page 3 – 835)
WIP_SHOP_FLOOR_STATUSES	Statuses assigned to particular jobs and schedules (See page 3 – 838)
WIP_SHOP_FLOOR_STATUS_CODES	Statuses that a job or schedule may assume (See page 3 – 840)
WIP_TRANSACTIONS	WIP resource transactions (See page 3 – 842)
WIP_TRANSACTION_ACCOUNTS	Debits and credits due to resource transactions (See page 3 – 846)
WMS_LICENSE_PLATE_NUMBERS	(See page 3 – 849)
WMS_STRATEGIES_B	WMS Strategies (See page 3 – 851)

## Public View List

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

Oracle Inventory uses the following public views:

<b>View Name</b>	<b>Description</b>
EDW_CST_COGS_F_IV	No view description
EDW_MTL_UOM_CLS_CONV_F_IV	No view description
EDW_MTL_UOM_CONV_F_IV	No view description
FND_COMMON_LOOKUPS	View of QuickCodes provided for backward compatibility (See page 3 – 125)
HR_LEGAL_ENTITIES	Used in US localizations to reflect the common organization structure Legal Entity/Company/Tax Unit. (See page 3 – 154)
INV_BIS_ITEM_COSTS	Cost for Inventory Items with standard cost, and items with average cost using
INV_BIS_SUPPLY_CHAIN_INVENTORY	Supply Chain Inventory Information No view description
MFG_LOOKUPS	No view description
MTL_BIS_INV_VALUE_V	– Retrofitted No view description
MTL_CATEGORIES_VL	Categories multilingual view No view description
MTL_CATEGORY_SETS_VL	Category Sets multilingual view No view description
MTL_CC_ENTRIES_INTERFACE_V	Cycle Count Entries Interface View No view description
MTL_CC_INTERFACE_ERRORS_V	Cycle Count Entries Interface Errors View No view description
MTL_COUNTRY_ASSIGNMENTS_V	View joins territories and country assignmentsNo view description
MTL_ECONOMIC_ZONES_VL	Joins the base economic zone table and translated economic zone table No view description
MTL_FISCAL_CAT_ACCOUNTS_V	No view description

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MTL_ITEM_STATUS_VAL_V	10SC ONLY No view description
MTL_LE_ECONOMIC_ZONES_V	Join between the table MTL_Le_Economic_Zones, the view MTL_Economic_Zones_VL and HR_Legal_Entities No view description
MTL_MATERIAL_STATUSES_VL	Multilingual view for material status tables. – Used by WMS only No view description
MTL_MGD_INVPOS_DATA_SETS_V	No view description
MTL_MOVEMENT_STATISTICS_V	No view description
MTL_MOVE_ORDER_HEADERS_V	– Retrofitted No view description
MTL_MOVE_ORDER_LINES_V	– Retrofitted
MTL_MVT_STATS_RULE_SETS_VL	Multilingual view for Rule Sets tables. No view description
MTL_ONHAND_DUMMY_V	No view description
MTL_ONHAND_LPN_V	No view description
MTL_ONHAND_SERIAL_V	No view description
MTL_ONHAND_TOTAL_V	No view description
MTL_PAC_TXN_COST_DETAILS_V	No view description
MTL_RESERVATIONS_VIEW	No view description
MTL_STATUS_CONTROL_V	No view description
MTL_STAT_TYPE_USAGES_V	Join of Stat_Type_Usages, Hr Legal Entities, Category Sets, Economic Zones View and Hr Locations No view description
MTL_SYSTEM_ITEMS_VL	System Items multilingual view with concatenated segments column No view description
MTL_TRANSACTION_DETAILS_V	No view description
MTL_TXN_BACKORDERS_V	No view description
MTL_TXN_REQUEST_HEADERS_V	No view description
MTL_TXN_REQUEST_LINES_V	No view description
MTL_UNITS_OF_MEASURE_VL	No view description
MTL_UOM_CLASSES_VL	No view description

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ORG_FREIGHT_VL	No view description
WMS_ACCESS_RULES_LOV_V	WMS accessible rules LOV view No view description
WMS_OBJECTS_HIERARCHY_LOV_V	WMS strategy search order LOV view No view description
WMS_OBJECTS_OPERAND_LOV_V	WMS restriction right operand LOV view No view description
WMS_OBJECTS_RULE_LOV_V	WMS business object LOV view No view description
WMS_OBJECTS_STRATEGY_LOV_V	WMS business object available for strategy assignment LOV view No view description
WMS_OBJECTS_STRATEGY_V	WMS business object with strategy assigned LOV view No view description
WMS_OBJECTS_VL	WMS business object MLS view No view description
WMS_ORG_HIERARCHY_OBJS_V	WMS search order view No view description
WMS_PARAMETERS_LOV_V	WMS parameter LOV view No view description
WMS_PARAMETERS_VL	WMS parameter MLS view No view description
WMS_RESTRICTIONS_V	WMS restriction view
WMS_RULES_V	WMS rule view
WMS_RULES_VL	WMS rule MLS view
WMS_SORT_CRITERIA_V	WMS sort criteria view
WMS_STRATEGIES_V	WMS strategy view
WMS_STRATEGIES_VL	WMS strategy MLS view
WMS_STRATEGY_ASSIGNMENTS_V	WMS strategy assignment view
WMS_STRATEGY_ASSIGNMENTS_V2	WMS strategy assignment view
WMS_STRATEGY_MAT_TXN_TMP_V	WMS strategy search input base view
WMS_STRATEGY_MEMBERS_V	WMS strategy member view
WMS_TRX_DETAILS_TMP_V	WMS rules execution input baes view



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## Forms and Table View List

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



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

Oracle Inventory uses the following Forms and Table views:

- HR\_EMPLOYEES
- HR\_EMPLOYEES\_CURRENT\_V
- HR\_ORGANIZATION\_UNITS
- MTL\_ABC\_ASSGNMNT\_GROUPS\_ALL\_V
- MTL\_ABC\_ASSGN\_GROUP\_CLASSES\_V
- MTL\_ABC\_ASSIGNMENTS\_V
- MTL\_ABC\_ASSIGNMENT\_GROUPS\_V
- MTL\_ABC\_CLASSES\_ALL\_V
- MTL\_ABC\_CLASSES\_V
- MTL\_ABC\_CLASSES\_VAL\_V
- MTL\_ABC\_COMPILES\_V
- MTL\_ABC\_COMPILE\_HEADERS\_V
- MTL\_ALL\_PRIMARY\_UOMS\_VV
- MTL\_CATALOG\_SEARCH\_ITEMS\_ALL\_V
- MTL\_CATEGORIES\_V
- MTL\_CATEGORY\_ACCOUNTS\_V
- MTL\_CATEGORY\_SETS\_V
- MTL\_CATEGORY\_SET\_VALID\_CATS\_V
- MTL\_CC\_SUBINVENTORIES\_ALL\_V
- MTL\_COMMODITY\_CODES\_ACTIVE\_V
- MTL\_COMMODITY\_CODES\_ALL\_V
- MTL\_CROSS\_REFERENCES\_V

- MTL\_CUSTOMER\_ITEMS\_ACTIVE\_V
- MTL\_CUSTOMER\_ITEMS\_ALL\_V
- MTL\_CUSTOMER\_ITEM\_XREFS\_V
- MTL\_CYCLE\_COUNT\_CLASSES\_ALL\_V
- MTL\_CYCLE\_COUNT\_CLASSES\_V
- MTL\_CYCLE\_COUNT\_ENTRIES\_ALL\_V
- MTL\_CYCLE\_COUNT\_ENTRIES\_V
- MTL\_CYCLE\_COUNT\_HEADERS\_ALL\_V
- MTL\_CYCLE\_COUNT\_HEADERS\_V
- MTL\_CYCLE\_COUNT\_HEADERS\_VAL\_V
- MTL\_CYCLE\_COUNT\_ITEMS\_ALL\_V
- MTL\_CYCLE\_COUNT\_ITEMS\_V
- MTL\_DEFAULT\_CATEGORY\_SETS\_FK\_V
- MTL\_DEMAND\_HISTORY\_V
- MTL\_DEMAND\_INTERFACE\_V
- MTL\_DEMAND\_V
- MTL\_DESCR\_ELEMENT\_VALUES\_V
- MTL\_DESCR\_ELEM\_VAL\_V
- MTL\_EMPLOYEES\_CURRENT\_VIEW
- MTL\_EMPLOYEES\_VIEW
- MTL\_INTERCOMPANY\_PARAMETERS\_V
- MTL\_INTERFACE\_PROC\_CONTROLS\_V
- MTL\_ITEM\_ATTRIBUTES\_V
- MTL\_ITEM\_ATTRIBUTE\_NAMES\_V
- MTL\_ITEM\_ATTRIBUTE\_VALUES\_V
- MTL\_ITEM\_ATTR\_APPL\_INST\_V
- MTL\_ITEM\_ATTR\_FIELDS\_V
- MTL\_ITEM\_CATALOG\_GROUPS\_V
- MTL\_ITEM\_CATEGORIES\_V
- MTL\_ITEM\_CATEGORIES\_VIEW

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- MTL\_ITEM\_FLEXFIELDS
- MTL\_ITEM\_ORG\_CATEG\_V
- MTL\_ITEM\_ORG\_REV\_V
- MTL\_ITEM\_REVISIONS\_ALL\_V
- MTL\_ITEM\_SUB\_AST\_TRK\_VAL\_V
- MTL\_ITEM\_SUB\_EXP\_VAL\_V
- MTL\_ITEM\_SUB\_INVENTORIES\_ALL\_V
- MTL\_ITEM\_SUB\_TRK\_VAL\_V
- MTL\_ITEM\_SUB\_VAL\_V
- MTL\_ITEM\_TEMPLATES\_ALL\_V
- MTL\_ITEM\_TEMPL\_ATTRIBUTES\_V
- MTL\_ITEM\_UOMS\_VIEW
- MTL\_KANBAN\_CARDS\_V
- MTL\_KANBAN\_CARD\_ACTIVITY\_V
- MTL\_KANBAN\_PULL\_SEQUENCES\_V
- MTL\_LOT\_DEMAND\_VAL\_V
- MTL\_LOT\_ISSUES\_VAL\_V
- MTL\_LOT\_NUMBERS\_ALL\_V
- MTL\_MATERIAL\_TXNS\_VAL\_V
- MTL\_MFG\_PART\_NUMBERS\_ALL\_V
- MTL\_MOVEMENT\_PARAMETERS\_V
- MTL\_ONHAND\_ITEMS\_V
- MTL\_ONHAND\_LOCATOR\_LOT\_V
- MTL\_ONHAND\_LOCATOR\_V
- MTL\_ONHAND\_LOT\_V
- MTL\_ONHAND\_REV\_V
- MTL\_ONHAND\_SUB\_V
- MTL\_ORGANIZATIONS
- MTL\_ORG\_ASSIGN\_V
- MTL\_ORG\_REPORT\_TEMP\_FK\_V

- MTL\_PARAMETERS\_VIEW
- MTL\_PERIOD\_SUMMARY\_V
- MTL\_PHYSICAL\_ADJUSTMENTS\_V
- MTL\_PHYSICAL\_INVENTORIES\_V
- MTL\_PHYSICAL\_INVENTORY\_TAGS\_V
- MTL\_PHYSICAL\_SUBINVENTORIES\_V
- MTL\_PRIMARY\_UOMS\_VV
- MTL\_PROJECT\_V
- MTL\_QOH\_ITEM\_ALL\_V
- MTL\_QOH\_LOC\_ALL\_V
- MTL\_QOH\_LOT\_ALL\_V
- MTL\_QOH\_REV\_ALL\_V
- MTL\_QOH\_SUB\_ALL\_V
- MTL\_RELATED\_ITEMS\_ALL\_V
- MTL\_REPLENISH\_HEADERS\_VIEW
- MTL\_REPLENISH\_LINES\_VIEW
- MTL\_RESERVATIONS\_ALL\_V
- MTL\_RESERVATIONS\_INTERFACE\_V
- MTL\_RESERVATIONS\_V
- MTL\_SAFETY\_STOCKS\_VIEW
- MTL\_SECONDARY\_INVENTORIES\_FK\_V
- MTL\_SECONDARY\_LOCATORS\_ALL\_V
- MTL\_SERIAL\_NUMBERS\_ALL\_V
- MTL\_SERIAL\_NUMBERS\_VAL\_V
- MTL\_SHIPPING\_NETWORK\_VIEW
- MTL\_SHORT\_SUMMARY\_V
- MTL\_STAT\_ATTRIB\_VALUES\_ALL\_V
- MTL\_SUBINVENTORIES\_ALL\_V
- MTL\_SUBINVENTORIES\_TRK\_VAL\_V
- MTL\_SUBINVENTORIES\_VAL\_V

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- MTL\_SUB\_AST\_TRK\_VAL\_V
- MTL\_SUB\_EXP\_VAL\_V
- MTL\_SUB\_TRK\_ALL\_V
- MTL\_SUMMARY\_TEMP\_V
- MTL\_SUPPLIER\_SITES\_V
- MTL\_SYSTEM\_ITEMS\_FVL
- MTL\_TASK\_V
- MTL\_TRANSACTIONS\_INTERFACE\_V
- MTL\_TRANSACTIONS\_TEMP\_ALL\_V
- MTL\_TRANSACTION\_LOT\_VAL\_V
- MTL\_TRANSACTION\_REASONS\_VAL\_V
- MTL\_TRAN\_TYPES\_SYS\_VAL\_VIEW
- MTL\_TRAN\_TYPES\_USER\_VAL\_VIEW
- MTL\_TRX\_TYPES\_VIEW
- MTL\_TXN\_SOURCE\_TYPES\_ALL\_V
- MTL\_TXN\_SRC\_FOR\_TRAN\_TYPE\_VIEW
- MTL\_UNITS\_OF\_MEASURE\_VV
- MTL\_UNIT\_TRANSACTIONS\_ALL\_V
- MTL\_UOM\_CONVERSIONS\_VIEW
- MTL\_VENDOR\_LOT\_VIEW
- ORG\_ACCESS\_V
- ORG\_ACCT\_PERIODS\_V
- ORG\_ENABLED\_FREIGHT\_VAL\_V
- ORG\_FREIGHT\_CODE\_ALL\_V
- ORG\_GL\_BATCHES\_V
- ORG\_ORGANIZATION\_DEFINITIONS
- ORG\_ORGANIZATION\_DEFINITIONS2
- PER\_PEOPLE\_X

---

## Internal View List

This section lists each private, internal view that Oracle Inventory uses.



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

Oracle Inventory uses the following internal views:

- CST\_DETAIL\_COSTS\_FOR\_GL\_VIEW
- CST\_ITEM\_COSTS\_FOR\_GL\_VIEW
- CST\_ITEM\_COSTS\_VIEW
- CST\_PROJ\_EXP\_TYPES\_VAL\_V
- MTL\_ATT\_QTY\_V
- MTL\_CATEGORIES\_B\_KFV
- MTL\_CATEGORY\_SETS\_ALL\_V
- MTL\_CC\_GRAPH\_DAY\_V
- MTL\_CC\_GRAPH\_MONTH\_V
- MTL\_CC\_GRAPH\_PERIOD\_V
- MTL\_CC\_GRAPH\_QTR\_V
- MTL\_CC\_GRAPH\_V
- MTL\_CC\_GRAPH\_WK\_V
- MTL\_CC\_SCHEDULES\_V
- MTL\_CROSS\_REFERENCES\_SRW\_V
- MTL\_CST\_TXN\_COST\_DETAILS\_V
- MTL\_DEFAULT\_SETS\_VIEW
- MTL\_DEMAND\_HISTORY\_ITEMS\_V
- MTL\_DEMAND\_INTERFACE\_VIEW
- MTL\_DEMAND\_OM\_VIEW
- MTL\_FORECAST\_DATES\_COST\_V
- MTL\_GENERIC\_DISPOSITIONS\_KFV
- MTL\_GROSS\_REQ\_COST\_V
- MTL\_GROUP\_ATPS\_VIEW
- MTL\_GROUP\_ITEM\_ATPS\_VIEW

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- MTL\_ITEM\_CATALOG\_GROUPS\_KFV
- MTL\_ITEM\_LOCATIONS\_KFV
- MTL\_ITEM\_LOCATIONS\_VIEW
- MTL\_ITEM\_LOT\_QUANTITIES\_VIEW
- MTL\_ITEM\_QUANTITIES\_VIEW
- MTL\_ITEM\_REVISIONS\_ORG\_VAL\_V
- MTL\_ITEM\_REV\_HIGHDATE\_V
- MTL\_ITEM\_SUB\_AST\_VAL\_V
- MTL\_ITEM\_SUB\_EXP\_TRK\_VAL\_V
- MTL\_ITEM\_SUB\_TRK\_ALL\_V
- MTL\_LOT\_NUMBERS\_SRW\_V
- MTL\_LOT\_NUMBERS\_VAL\_V
- MTL\_MATERIAL\_TXNS\_TEMP\_VIEW
- MTL\_NEGATIVE\_VIEW
- MTL\_OBJECT\_NUMBERS\_V
- MTL\_ONHAND\_QTY\_COST\_V
- MTL\_PARAMETERS\_ALL\_V
- MTL\_PERIODS
- MTL\_PHY\_ADJ\_COST\_V
- MTL\_PHY\_INV\_TAGS\_COST\_V
- MTL\_PROJECT\_DEMAND\_VIEW
- MTL\_QOH\_ITEM\_V
- MTL\_QOH\_LOCATOR\_V
- MTL\_QOH\_LOT\_V
- MTL\_QOH\_REV\_V
- MTL\_QOH\_SUB\_V
- MTL\_RELATED\_ITEMS\_VIEW
- MTL\_ROUTING\_REV\_HIGHDATE\_V
- MTL\_SALES\_ORDERS\_KFV
- MTL\_SECINV\_QUANTITIES\_VIEW

- MTL\_SERIAL\_NUMBERS\_SRW\_V
- MTL\_SUB\_AST\_VAL\_V
- MTL\_SUB\_EXP\_TRK\_VAL\_V
- MTL\_SYSTEM\_ITEMS\_B\_KFV
- MTL\_SYSTEM\_ITEMS\_FKEYS\_V
- MTL\_TRANSACTION\_LOTS\_VIEW
- MTL\_TRANSACTION\_REASONS\_ALL\_V
- MTL\_TRANSACT\_INTERFACE\_VIEW
- MTL\_UNITS\_OF\_MEASURE\_AV
- MTL\_UOM\_CLASSES\_AV
- MTL\_UOM\_CLASSES\_VV
- MTL\_UOM\_CLASS\_CONV\_VAL\_V
- MTL\_UOM\_CONVERSIONS\_VAL\_V
- ORG\_ACCESS\_VIEW
- ORG\_FREIGHT\_CODE\_VAL\_V
- ORG\_ORGANIZATION\_DEF\_MRC\_V
- ORG\_ORG\_DEFINITIONS\_ALL\_V
- PA\_ORGANIZATIONS\_EXPEND\_V
- PA\_PROJECTS\_EXPEND\_V\_O
- PA\_TASKS\_EXPEND\_V\_OLD
- PO\_VENDORS\_VIEW



---

## Single Organization View List

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

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

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

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



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

Oracle Inventory uses the following Single Organization views:

- `PO_REQUISITIONS_INTERFACE`
- `SO_HEADERS`
- `SO_LINES`

---

## Module List

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

---

### Forms

BOMFDCAL	Define Workday Calendar
BOMFDCON	Define Delete Constraint
BOMFDEDEL	Delete Item Information
BOMFDEXS	Define Workday Exception Sets
BOMFDMCC	Define Material Sub-Elements
CSTFDDATY	Define Activity
CSTFDCCTP	Define Cost Type
CSTFDMOD	Define Item Overhead Defaults
CSTFDOVH	Define Overhead
CSTFQSCH	View Item Standard Cost History
FNDNLDCX	Define Currency
GLXACCMB	GL Accounts
GLXRTDLY	Daily Rates
GLXRTPER	Period Rates
GLXSTBKS	Set of Books
GLXSTCAL	Accounting Calendar
GLXSTPTY	Period Types
INVAAACP	Define ABC Compiles
INVADAAS	Assign ABC Items
INVADACA	Update ABC Assignments
INVADACL	Define ABC Classes
INVADAGR	Define ABC Groups
INVADCSC	Enter Manual Schedule Requests
INVDCYC	Define Cycle Count
INVADPAP	Approve Physical Inventory Adjustments
INVADPPI	Define Physical Inventory

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INVADPTE	Enter Physical Inventory Counts
INVAMCAP	Approve Cycle Count Adjustments
INVARPGT	Generate Physical Inventory Tags
INVATCEN	Enter Cycle Counts
INVCCEOI	Inquiry/Update Cycle Count Entries Open Interface
INVCCEXP	Export Cycle Count Entries
INVDDARL	Define ATP Rules
INVDDFRL	Define Forecast Rules
INVDDFSS	Enter Item Safety Stocks
INVDRMRS	Reserve Available Inventory
INVDVATP	View Item Available to Promise Information
INVDVDSD	View Supply/Demand by Item
INVDVFDH	View Demand History Information
INVDVINT	Demand Interface
INVDVRIR	View Item Reservations
INVICITM	Define Customer Items
INVICXRF	Define Customer Item Cross Reference.
INVIDCAT	Define Category
INVIDCTL	Define Item Attribute Controls
INVIDCTY	Category Assignments
INVIDICG	Define Item Catalog Groups
INVIDITM	Organization Items
INVIDMPN	Define Manufacturer Part Numbers
INVIDREV	Define Item Revisions
INVIDSCS	Define Category Sets
INVIDSUB	Define Item/Subinventory Information
INVIDTMP	Define Item Template
INVIDXRF	Define Item Cross References
INVIDXRT	Define Cross-Reference Types
INVISDRI	Define Item Relationships
INVISDST	Define Default Category Sets
INVISMPS	Define Pending Statuses

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INVITSNU	Update Serial Number Information
INVIVATT	View Item Information
INVIVCSU	Search Items
INVKBCRD	Define Kanban Cards
INVKBPSQ	Define Pull Sequences
INVMSDEF	Define Material Status
INVOBGEN	Object Genealogy
INVPPRDF	WMS Rules
INVPPRWF	Rule Where Used
INVPPSAF	strategy Assignment
INVPPSDF	Pick and Put Strategy
INVPPSOF	Strategy Search Order
INVPPSWF	Strategy Where Used
INVPTRPR	Enter Replenishment Counts
INRSVF1	Reserve Available Supply
INRSVF2	View Reservations Interface
INVSAFDH	Define Stock Locator
INVSDCAS	Define Category Accounts
INVSDFAA	Define Account Alias
INVSDFCR	Define Freight Carriers
INVSDICC	Define Commodity codes
INVSDICR	Define Intercompany Relations
INVSDOCL	Define Unit of Measure Classes
INVSDODS	Define Item Transaction Default Subinventories
INVSDOIO	Define Organization Parameters
INVSDOIS	Define Status
INVSDOPR	Define Picking Rules
INVSDORA	Define Organization Access
INVSDOSI	Define Inter-organization Shipping Information
INVSDOUC	Define Unit of Measure Conversions
INVSDSUB	Define Subinventory
INVSDUOM	Define Units of Measure

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INVSHDPA	Shortage Parameters
INVSHINQ	View Potential Shortages
INVTDILT	Update Item Lot Information
INVTDTRS	Define Transaction Reasons
INVTDTSR	Define Transaction Source Types
INVTDTTY	Define Transaction Type
INVTMSMG	Start Managers
INVTOMAI	Create Move Orders
INVTOTRX	Transact Move Orders
INVTMQT	Multi-Organization Item Quantities
INVTTELT	Lot Number Entry
INVTTESR	Serial Number Entry
INVTTGGL	Transfer Transactions to General Ledger
INVTTGPM	Inventory Accounting Periods
INVTMTX	Perform Miscellaneous Transactions
INVTMVE	Reference Movement Statistics
INVTMVP	Define Movement Statistics Parameters
INVTMTVT	Define Movement Statistics.
INVTTRIN	Inspect Customer Returns
INVTUAV	Update Item Costs
INVTVPTX	View Pending Transaction Interface Activity
INVTVQOH	On Hand Quantities
INVTVTUS	Summarize Transactions
INVTVTXN	View Transactions
MRPFFDIF	Enter Forecast Entries
POXSTDPO	Define Purchasing Options
RCVRCERC	Enter Receipts
RCVRCVRC	View Shipments/View Receiving Transactions
RCVSHESH	Maintain Shipments
RCVSTDRO	Define Receiving Options
RCVTXERT	Enter Receiving Transactions
RCVTXVTX	View Receiving Transaction Status

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## Reports

ARBARL	Revenue Recognition
ARDLP	Dunning Letter Generate
ARXAGC	Aging – By Amount
ARXAGE	Aging – 4 Buckets
ARXAGF	Aging – By Account
ARXAGL	Aging – By Collector
ARXAGR	Aging – By Salesperson
ARXAGS	Aging – 7 Buckets
ARXAPFRC	Format Automatic Receipts
ARXAPIPM	Invoices Awaiting Automatic Receipt
ARXAPRCB	Automatic Receipt Batch Management Report
ARXAPRCF	Automatic Receipts Awaiting Confirmation
ARXAPRCL	Receipts Awaiting Bank Clearance Report
ARXAPRMB	Remittance Batch Management Report
ARXAPRRM	Receipts Awaiting Remittance Report
ARXASR	Account Status Report
ARXBDP	Bad Debt Provision Report
ARXBPH	Billing and Receipt History
ARXCAR	Applied Receipts Register
ARXCBH	Billing History
ARXCCA	Call Actions Report
ARXCCH	Collector Call History
ARXCCP	Customer Profiles Report
ARXCCS	Customer Credit Snapshot
ARXCDD	Collections By Collector Report
ARXCDE	Tax Received Report
ARXCFU	Collector’s Follow Up Report
ARXCHR	Credit Hold Report
ARXCKI	Collection Key Indicators
ARXCOA2	Unapplied Receipts Register
ARXCPH	Receipt History

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ARXCPP	Receipt Promises Report
ARXCRR	Receipt Register
ARXCTA	Adjustment Approval Report
ARXCURLL	Customer Relationships Listing
ARXDAR	Discount Adjustment Report
ARXDCF	Collections Receipt Forecast
ARXDIR	Disputed Invoice Report
ARXDPR	Discount Projection Report
ARXDUNP	Dunning Letters – Preliminary
ARXFRV	Projected Gains and Losses Report
ARXFUH	Customer Follow Up History
ARXGER	Unposted Items Report
ARXICR	InterCompany Receipts Report
ARXKIR	Receivables Key Indicators – Summary Report
ARXPAR	AutoCash Rules Listing
ARXPDI	Past Due Invoices Report
ARXRECO	Recurring Invoice Program
ARXREV	Reversed Receipts Report
ARXRJR	Receipts Journal Report
ARXRWS	Receipts Without Sites Report
ARXSGPO	Statements
ARXSTDVR	Deferred VAT Register
ARXSTR	US Sales Tax Report
ARXSTTEC	Tax Exempt Customer Report
ARXSTVRR	VAT Register
ARXTDR	Transaction Detail Report
ARXTTCL	Tax Code Listing
ARYVTSLD	European Sales Listing
ARZCARPO	Automatic Receipts/Remittances Execution Report
BOMRBOMS	Bill of Material Structure Report
BOMRDDEL	Delete Item Information Report
BOMRDODP	Department Report

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BOMRDRTG	Routing Report
BOMRWURS	Resource Where Used Report
CSTRAIVR	All Inventories Value
CSTRBICR	BOM Indented Cost Report
CSTRCTCR	Cost Type Comparison
CSTRDICR	Detailed Item Cost
CSTREIVR	Elemental Inventory Valuation
CSTRELCR	Elemental Cost
CSTRFICR	Flexible Item Cost
CSTRINVR	Inventory Valuation
CSTRITVR	Intransit Valuation
CSTRMRGA	Margin Analysis Report
CSTROVHD	Overhead
CSTRUSIA	Inventory Standard Cost Adjustments
CSTRUSJA	WIP Standard Cost Adjustments
CSTRUSTA	Intransit Standard Cost Adjustments
ENGRCNDR	Engineering Change Order Detail Report
INVARAAS	ABC Assignments Report
INVARADV	ABC Descending Value Report
INVARCLI	Cycle Count Listing Report
INVARCPA	Cycle Count Pending Approval Report
INVARCTA	Cycle Count Entries and Adjustments Report
INVARHMA	Cycle Count Hit/Miss Analysis Report
INVARORE	Cycle Count Open Requests Report
INVARPAR	Physical Inventory Adjustments Report
INVARPIA	Physical Inventory Accuracy Analysis
INVARPMT	Physical Inventory Missing Tag Listing
INVARPSL	Physical Inventory Counts Report
INVARPTS	Physical Inventory Trend and Summary Analysis
INVARRTA	Cycle Count Schedule Requests Report
INVARUIR	Cycle Count Unscheduled Items Report
INVCCIER	Cycle Count Entries Interface Exception Report

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INVDRRSV	Item Reservations Report
INVIRCAT	Item Categories Report
INVIRCIT	Customer Items Report
INVIRCOC	Customer Item Commodity Codes Listing
INVIRCXR	Customer Item Cross References Report
INVIRDIS	Item Status Report
INVIRDST	Status Attributes Listing
INVIRILC	Locator Quantities Report
INVIRISQ	Item Quantities Summary
INVIRITD	Item Definition Detail
INVIRITS	Item Definition Summary
INVIRRCR	Item Replenishment Count Report
INVIRRIT	Item Relationships Listing
INVIRSIQ	Subinventory Quantities Report
INVIRSLO	Inactive Items Report
INVIRSNO	Serial Number Detail
INVIRTMP	Item Template Listing
INVIRXRF	Item Cross-References Listing
INVISMMX	Min-max Planning Report
INVKBCPR	Print Kanban Cards
INVM2MQT	Multiple Organization Inventory Report
INVMRMQT	Multiple Organization Inventory Report
INVPRFDH	Item Demand History Report
INVPRFRL	Forecast Rule Listing
INVSHPRC	Material Shortage Check Processor
INVSRAAL	Account Alias Listing
INVS RFRT	Freight Carrier Listing
INVSRIOS	Inter-Organization Shipping Information Listing
INVS RISA	Item-Subinventory Report
INVSRLC	Locator Listing
INVSROPT	Organization Parameters Listing
INVS RPLN	Planner Listing

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INVSRSPT	Shortage Parameter Report
INVSRSUB	Subinventory Listing
INVSRUOM	Unit of Measure Listing
INVSTMVT	Movement Statistics Report
INVTOPKL	Move Order Picklist
INVTRACS	Material Account Distribution Summary
INVTRCLS	Period Close Value Summary
INVTRDST	Material Account Distribution Detail
INVTRELT	Expired Lots Report
INVTRHAN	Transaction Historical Summary
INVTRLNT	Lot Transaction Register
INVTRREG	Transaction Register
INVTRSHS	Shortages Summary Report
INVTRSNT	Serial Number Transaction Register
INVTRSTS	Transaction Source Type Summary
INVTRVLT	Supplier Lot Trace Report
OEYVTIND	European IntraStat Dispatches Listing
PAXAGAST	MGT: Agreement Status By Customer
PAXINGEN	MGT: Invoice Details
PAXPRCON	AUD: Project Configuration
PAXPRTSK	AUD: Task Details
PAXRWAGT	IMP: Agreement Types
POXACREC	Accrual Reconciliation Report
POXDETIT	Item Detail Listing
POXDL PDT	Receipt Traveler
POXFIPOL	Financials/Purchasing Options Listing
POXRCIPV	Invoice Price Variance Report
POXRCPPV	Purchase Price Variance Report
POXRVODS	Overdue Vendor Shipments Report
POXRV RER	Receiving Exceptions Report
POXRVRTN	Receipt Adjustments Report
POXRVXRV	Expected Receipts Report

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RAXADJ	Adjustment Register
RAXAPR	AutoInvoice Execution Report
RAXARL	Accounting Rules Listing Report
RAXATB	Tax-only: Open Invoices
RAXAVR	AutoInvoice Validation Report
RAXCBR	Commitment Balance Report
RAXCUS	Customer Listing – Summary
RAXCUSLR	Customer Listing – Detail
RAXGLA	Sales Journal by Customer
RAXGLR	Sales Journal by GL Account
RAXICI	Intercompany Invoice Report
RAXIIR	Incomplete Invoices Listing
RAXILL	Standard Memo Lines Listing
RAXINPS	Invoices Posted to Suspense Report
RAXINR	Transaction Register
RAXINV	Print Invoices Report
RAXINVPR	Invoice Print Preview Report
RAXINX	Invoice Exception Report
RAXMRG	Customer Merge Execution Report
RAXMRP	Duplicate Customer Report
RAXNCAR	Other Applications Report
RAXPTL	Payment Terms Listing
RAXSKI	Key Indicators – Summary Report
RAXSOL	Transaction Batch Sources Listing
RAXTTL	Transaction Types Listing
RCVTXRTR	Receiving Transactions Regisiter
VEHARTB	Automotive Retro Billing Report
VEHOEOOP	Automotive Open Orders Pricing Report
WIPDJDAT	Discrete Job Data Report
WIPDJORQ	Discrete Job Shortage Report
WIPDJPCK	Discrete Job Pick List Report
WIPDJRTG	Discrete Job Routing Sheet

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WIPREDAT	Repetitive Schedule Data Report
WIPREORQ	Repetitive Schedule Shortage Report
WIPREPCK	Repetitive Pick List Report
WIPERTG	Repetitive Routing Sheet
WIPREVAL	Repetitive Value Report
WIPSULIN	Production Line Report
WIPSUPMT	WIP Parameters Report

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## Concurrent Programs

ARBCPC	Customer Profile Copy
ARDLGP	Print Dunning Letters
ARLPLB	Process Lockboxes
ARXAAP	AutoAdjustment
ARXSGP	Statement Generation Program
ASTATA	Assign territory access
BMCCCI	AutoCreate Configuration Items
BMCDEL	Delete Item Information
BMCPCCL	Build Workday Calendar
CMCCCU	Update standard costs
CMCCOC	Copy item cost across organizations
CMCCTM	Resource Cost Transaction Manager
CMCMEC	Mass edit cost information
CSOCINT	Service OC Interface
CSTCSCIC	Copy item costs
CSTCSCOC	Copy overhead costs
CSTCSEIA	Edit item accounts
CSTCSPCH	Purge standard cost history
ENCECP	Engineering Change Order Purge program
GLBCMP	Maintain period map table
INCAAA	Assign ABC Class Codes
INCAAC	Compile cycle count values in descending order

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INCAAP	Purge ABC Data Sets
INCACG	Generate Count Requests
INCACI	Initialize Cycle Count Items
INCACP	Purge Cycle Count Information
INCACS	Schedule Cycle Count Headers
INCAPA	Perform Physical Inventory Adjustments
INCAPF	Freeze Physical Inventory
INCAPP	Purge Physical Inventory Information
INCAPT	Generate Physical Inventory Tags
INCDCM	Process demand interface
INCDPG	Purge demand records
INCDSS	Safety Stock Calculation
INCFDH	Summarize item demand history
INCFIF	Compile item forecast
INCIAP	Create Intercompany AP invoices
INCIAR	Create Intercompany AR Invoices
INCIPS	Update item statuses with pending statuses
INCOIN	Import Items
INCRPG	Purge replenishment records
INCRPR	Process replenishment count results
INCRVL	Validate replenishment interface information
INCTCC	Concurrent Transaction Costing Processor
INCTCM	Process transaction interface
INCTCW	This handles the transaction worker logic
INCTGL	Downloads Inventory and WIP account transactions to General Ledger
INCTM	Inventory RPC Manager
INCTPC	Inventory Period Close
INCTPG	Purge transaction history
INCTSN	Initialize serial numbers for inventory items
INVLIBR	Inventory Manager

INVPPRCI	Packaged function that processes the Item Interface tables.
INVRSVIN	Reservations Interface Manager
MRCBAL	Mass load into a master demand or master production schedule
PATTAR	Transfer invoices to Oracle Receivables.
RACUST	Customer Interface

CHAPTER

# 3

## Detailed Design

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

---

## Overview of Detailed Design

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

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

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

---

## Table and View Definitions

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



---

## Table and View Definitions

This section contains a detailed description of each Oracle Inventory 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 Inventory 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 Inventory 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 Inventory uses and which columns it does not use, we alert you to any unused column. When no module uses a database column, we show one of the following legends in the Description column:

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

### Standard Who Columns

---

Most Oracle Inventory tables contain standard columns to support \ **Row Who**. When your program or SQL\*Plus command selects a row from a table, use these columns to determine who last updated the row. If your program or SQL\*Plus command updates or inserts a row in an

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

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

Since every table containing Who columns has several foreign keys to the tables FND\_USER and FND\_LOGINS, we do not include the foreign key columns LAST\_UPDATED\_BY, CREATED\_BY, or LAST\_UPDATE\_LOGIN in a table's list of foreign keys.

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

---

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

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

Since every table containing these additional Who columns has several foreign keys to the tables FND\_CONCURRENT\_REQUESTS, FND\_APPLICATION, and FND\_CONCURRENT\_PROGRAM, we do not include the foreign key columns REQUEST\_ID, PROGRAM\_APPLICATION\_ID, or PROGRAM\_ID in a table's list of foreign keys.

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## Indexes

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

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

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## Sequences

Oracle Inventory 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.

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## Database Triggers

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

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## View Derivation

For each Oracle Inventory 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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## AP\_INVOICES\_ALL

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

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

This table corresponds to the Invoices window.

### Foreign Keys

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

### QuickCodes Columns

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

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QuickCodes Columns (Continued)

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

Column Descriptions

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

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Column Descriptions (Continued)

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

Column Descriptions (Continued)

Name	Null?	Type	Description
EARLIEST_SETTLEMENT_DATE	NULL	DATE	Date associated with a prepayment after which you can apply the prepayment against invoices. Only used for temporary prepayments. Column is null for permanent prepayments and other invoice types
ORIGINAL_PREPAYMENT_AMOUNT	NULL	NUMBER	No longer used
DOC_SEQUENCE_ID	NULL	NUMBER	Sequential Numbering (voucher number) document sequence identifier
DOC_SEQUENCE_VALUE	NULL	NUMBER	Voucher number (Sequential Numbering) for invoice
DOC_CATEGORY_CODE	NULL	VARCHAR2(30)	Sequential Numbering (voucher number) document category
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Descriptive Flexfield structure defining column
APPROVAL_STATUS	NULL	VARCHAR2(25)	Status of manual authorization invoice approval (used for reference purposes only)
APPROVAL_DESCRIPTION	NULL	VARCHAR2(240)	Description of manual authorization invoice approval (used for reference purposes only)
INVOICE_DISTRIBUTION_TOTAL	NULL	NUMBER	No longer used
POSTING_STATUS	NULL	VARCHAR2(15)	Status that indicates if invoice can be posted (either Available or N - column is populated, but not used)
PREPAY_FLAG	NULL	VARCHAR2(1)	No longer used
AUTHORIZED_BY	NULL	VARCHAR2(25)	Person authorizing a prepayment

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Column Descriptions (Continued)

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

Column Descriptions (Continued)

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

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# Column Descriptions (Continued)

Name	Null?	Type	Description
MRC_EXCHANGE_RATE_TYPE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books ID and currency conversion rate type pairs
MRC_EXCHANGE_DATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books ID and currency conversion date pairs
GL_DATE	NOT NULL	DATE	Accounting date to default to invoice distributions
AWARD_ID	NULL	NUMBER(15)	If Oracle Grants Accounting is installed, the award ID is used with data in project columns to track grant information
PAID_ON_BEHALF_EMPLOYEE_ID	NULL	NUMBER(15)	When an expense report gets split in Both Pay scenario, the new expense report's paid_on_behalf_employee_id gets populated with the original expense report's employee_id.
AMT_DUE_CCARD_COMPANY	NULL	NUMBER	Amount that is due to credit card company
AMT_DUE_EMPLOYEE	NULL	NUMBER	Amount that is due to employee

## Indexes

Index Name	Index Type	Sequence	Column Name
AP_INVOICES_N1	NOT UNIQUE	1	BATCH_ID
AP_INVOICES_N10	NOT UNIQUE	1	PO_HEADER_ID
AP_INVOICES_N11	NOT UNIQUE	1	PROJECT_ID
		2	TASK_ID
AP_INVOICES_N12	NOT UNIQUE	2	VOUCHER_NUM
AP_INVOICES_N13	NOT UNIQUE	5	DOC_SEQUENCE_VALUE
AP_INVOICES_N14	NOT UNIQUE	5	GLOBAL_ATTRIBUTE1
AP_INVOICES_N15	NOT UNIQUE	1	PAID_ON_BEHALF_EMPLOYEE_ID
AP_INVOICES_N2	NOT UNIQUE	1	VENDOR_ID
AP_INVOICES_N3	NOT UNIQUE	1	PAYMENT_STATUS_FLAG
AP_INVOICES_N4	NOT UNIQUE	1	INVOICE_AMOUNT
AP_INVOICES_N5	NOT UNIQUE	1	INVOICE_DATE
AP_INVOICES_N6	NOT UNIQUE	1	INVOICE_NUM
AP_INVOICES_N7	NOT UNIQUE	1	VENDOR_SITE_ID
AP_INVOICES_N8	NOT UNIQUE	1	CREATION_DATE
AP_INVOICES_N9	NOT UNIQUE	1	INVOICE_TYPE_LOOKUP_CODE
AP_INVOICES_U1	UNIQUE	1	INVOICE_ID
AP_INVOICES_U2	UNIQUE	1	VENDOR_ID
		2	INVOICE_NUM
		3	ORG_ID
AP_INVOICES_U3	UNIQUE	1	DOC_SEQUENCE_ID
		2	DOC_SEQUENCE_VALUE

## Sequences

Sequence	Derived Column
AP_INVOICES_S	INVOICE_ID

## Database Triggers

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

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

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

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

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

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

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

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

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

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

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

## AP\_TAX\_CODES\_ALL

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

This table corresponds to the Tax Names window.

### Foreign Keys

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

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
NAME	NOT NULL	VARCHAR2(15)	Tax code name
TAX_ID (PK)	NOT NULL	NUMBER(15)	Tax code identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
TAX_TYPE	NOT NULL	VARCHAR2(25)	Type of tax code (for example, SALES or USE)
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Set of Books identifier
DESCRIPTION	NUL	VARCHAR2(240)	Description
TAX_RATE	NUL	NUMBER	Tax rate
TAX_CODE_COMBINATION_ID	NUL	NUMBER(15)	Accounting Flexfield identifier for tax expense account
INACTIVE_DATE	NUL	DATE	Inactive date
LAST_UPDATE_LOGIN	NUL	NUMBER(15)	Standard Who column
CREATION_DATE	NUL	DATE	Standard Who column
CREATED_BY	NUL	NUMBER(15)	Standard Who column
ATTRIBUTE_CATEGORY	NUL	VARCHAR2(150)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NUL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NUL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NUL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NUL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NUL	VARCHAR2(150)	Descriptive Flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
AWT_VENDOR_ID	NULL	NUMBER(15)	Tax authority supplier identifier
AWT_VENDOR_SITE_ID	NULL	NUMBER(15)	Tax authority supplier site identifier
AWT_PERIOD_TYPE	NULL	VARCHAR2(15)	Foreign key to AP_OTHER_PERIOD_TYPES; used in conjunction with period limit
AWT_PERIOD_LIMIT	NULL	NUMBER	Amount limit for withheld amount per supplier
RANGE_AMOUNT_BASIS	NULL	VARCHAR2(25)	Indicates whether amount ranges apply to amount subject to withholding or to the amount withheld
RANGE_PERIOD_BASIS	NULL	VARCHAR2(25)	Indicates whether amount ranges apply to the amount withheld to-date per period or to the amount per invoice
ORG_ID	NULL	NUMBER(15)	Organization identifier
VAT_TRANSACTION_TYPE	NULL	VARCHAR2(30)	VAT transaction type
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
WEB_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag that indicates if Tax Name is enabled for Self-Service Expenses
TAX_RECOVERY_RULE_ID	NULL	NUMBER(15)	A tax recovery rule identifier assigned to this tax code. Foreign Key to AP_TAX_RECOVERY_RULES_ALL, reference RULE_ID
TAX_RECOVERY_RATE	NULL	NUMBER	Tax recovery rate assigned to this tax code as an alternative to a tax recovery rule
START_DATE	NULL	DATE	Effective start date for this tax code
ENABLED_FLAG	NULL	VARCHAR2(1)	Enabled flag for this tax code. This provides additional flexibility for effective date handling across tax codes
AWT_RATE_TYPE	NULL	VARCHAR2(30)	Specifies the type of rate for a withholding tax (F - Flat rate, P - Period limit, R - Amount ranges)
OFFSET_TAX_CODE_ID	NULL	NUMBER(15)	Tax Code ID for related offset tax

Indexes

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

Sequences

Sequence	Derived Column
AP_TAX_CODES_S	TAX_ID

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## AR\_LOCATION\_COMBINATIONS

This table stores the combinations of taxing jurisdictions that together define a tax authority. Rows in this table can be created manually using the Tax Authorities window or automatically from database triggers against the table RA\_ADDRESSES\_ALL. Every address that exists within the default country as defined by Oracle Receivables system parameters will have a set of taxing jurisdictions automatically created for it. The combination of these jurisdictions into an authority is also performed automatically by database triggers. Whenever new records are created in AR\_LOCATION\_COMBINATIONS, more database triggers automatically create compiled sales tax rates for this taxing authority into the table AR\_SALES\_TAX. Only those locations and rates that have overlapping postal code and effectivity date ranges are summed into the single record in AR\_SALES\_TAX.

### Column Descriptions

Name	Null?	Type	Description
LOCATION_ID (PK)	NOT NULL	NUMBER(15)	Internal Location Code Combination ID
LOCATION_STRUCTURE_ID	NOT NULL	NUMBER(15)	Identifies which Structure of the Sales Tax Location Flexfield this combination of locations belongs too.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Allows the user to disable a location code combination
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
START_DATE_ACTIVE	NULL	DATE	Date at which code combination becomes active
END_DATE_ACTIVE	NULL	DATE	Date at which code combination is deactivated
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Required by AOL
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Enhanced Who column
PROGRAM_ID	NULL	NUMBER(15)	Enhanced Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Enhanced Who column
REQUEST_ID	NULL	NUMBER(15)	Enhanced Who column
LOCATION_ID_SEGMENT_1	NULL	NUMBER(15)	Foreign Key back to AR_LOCATION_VALUES for this segment of the Sales Tax Location Flexfield
LOCATION_ID_SEGMENT_2	NULL	NUMBER(15)	Foreign Key back to AR_LOCATION_VALUES for this segment of the Sales Tax Location Flexfield
LOCATION_ID_SEGMENT_3	NULL	NUMBER(15)	Foreign Key back to AR_LOCATION_VALUES for this segment of the Sales Tax Location Flexfield
LOCATION_ID_SEGMENT_4	NULL	NUMBER(15)	Foreign Key back to AR_LOCATION_VALUES for this segment of the Sales Tax Location Flexfield

Column Descriptions (Continued)

Name	Null?	Type	Description
LOCATION_ID_SEGMENT_5	NULL	NUMBER(15)	Foreign Key back to AR_LOCATION_VALUES for this segment of the Sales Tax Location Flexfield
LOCATION_ID_SEGMENT_6	NULL	NUMBER(15)	Foreign Key back to AR_LOCATION_VALUES for this segment of the Sales Tax Location Flexfield
LOCATION_ID_SEGMENT_7	NULL	NUMBER(15)	Foreign Key back to AR_LOCATION_VALUES for this segment of the Sales Tax Location Flexfield
LOCATION_ID_SEGMENT_8	NULL	NUMBER(15)	Foreign Key back to AR_LOCATION_VALUES for this segment of the Sales Tax Location Flexfield
LOCATION_ID_SEGMENT_9	NULL	NUMBER(15)	Foreign Key back to AR_LOCATION_VALUES for this segment of the Sales Tax Location Flexfield
LOCATION_ID_SEGMENT_10	NULL	NUMBER(15)	Foreign Key back to AR_LOCATION_VALUES for this segment of the Sales Tax Location Flexfield
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield Structure Defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column

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### Indexes

Index Name	Index Type	Sequence	Column Name
AR_LOCATION_COMBINATIONS_N1	NOT UNIQUE	1	LOCATION_ID_SEGMENT_1
AR_LOCATION_COMBINATIONS_N10	NOT UNIQUE	1	LOCATION_ID_SEGMENT_10
AR_LOCATION_COMBINATIONS_N2	NOT UNIQUE	1	LOCATION_ID_SEGMENT_2
AR_LOCATION_COMBINATIONS_N3	NOT UNIQUE	1	LOCATION_ID_SEGMENT_3
AR_LOCATION_COMBINATIONS_N4	NOT UNIQUE	1	LOCATION_ID_SEGMENT_4
AR_LOCATION_COMBINATIONS_N5	NOT UNIQUE	1	LOCATION_ID_SEGMENT_5
AR_LOCATION_COMBINATIONS_N6	NOT UNIQUE	1	LOCATION_ID_SEGMENT_6
AR_LOCATION_COMBINATIONS_N7	NOT UNIQUE	1	LOCATION_ID_SEGMENT_7
AR_LOCATION_COMBINATIONS_N8	NOT UNIQUE	1	LOCATION_ID_SEGMENT_8
AR_LOCATION_COMBINATIONS_N9	NOT UNIQUE	1	LOCATION_ID_SEGMENT_9
AR_LOCATION_COMBINATIONS_U1	UNIQUE	1	LOCATION_ID

### Sequences

Sequence	Derived Column
AR_LOCATION_COMBINATIONS_S	LOCATION_ID

### Database Triggers

Trigger Name : AR\_LOCATION\_COMBINATIONS\_BRU  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

Populate AR\_SALES\_TAX with the combined tax rates identified for each field within your sales tax location flexfield, typically state, county, and city.

Trigger Name : AR\_LOCATION\_COMBINATIONS\_BRI  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

Populate AR\_SALES\_TAX with the combined tax rates identified for each field within your sales tax location flexfield, typically state, county, and city.

## AR\_VAT\_TAX\_ALL\_B

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

### Foreign Keys

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

### Column Descriptions

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier
VAT_TRANSACTION_TYPE	NULL	VARCHAR2(30)	VAT Transaction Type
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved For Globalization Functionality

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Column Descriptions (Continued)

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

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# Column Descriptions (Continued)

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

## Indexes

Index Name	Index Type	Sequence	Column Name
AR_VAT_TAX_ALL_B_N1	NOT UNIQUE	1	SET_OF_BOOKS_ID
		2	TAX_CODE
		3	START_DATE
AR_VAT_TAX_ALL_B_N2	NOT UNIQUE	1	SET_OF_BOOKS_ID
		2	TAX_TYPE
		3	START_DATE
AR_VAT_TAX_ALL_B_N3	NOT UNIQUE	5	TAX_ACCOUNT_ID
AR_VAT_TAX_ALL_B_N4	NOT UNIQUE	5	TAX_CODE
		10	START_DATE
AR_VAT_TAX_ALL_B_U1	UNIQUE	1	VAT_TAX_ID

## Sequences

Sequence	Derived Column
AR_VAT_TAX_S	VAT_TAX_ID

## 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 1 2	MFG_LOOKUPS Manufacturing 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.

## BOM\_CALEDNARS

BOM\_CALEDNARS stores the definition of your workday calendar.

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

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

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE (PK)	NOT NULL	VARCHAR2(10)	Workday calendar identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN		NUMBER	Standard Who Column
QUARTERLY_CALEDNAR_TYPE	NOT NULL	NUMBER	Quarterly Calendar Type Code
DAYS_ON		NUMBER	Number of consecutive working days
DAYS_OFF		NUMBER	Number of consecutive non-working days
CALENDAR_START_DATE	NOT NULL	DATE	Beginning date for the calendar
CALENDAR_END_DATE	NOT NULL	DATE	Ending date for the calendar
DESCRIPTION		VARCHAR2(240)	Description
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13		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	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
DATABASE_IN_SYNC	NULL	VARCHAR2(1)	Compiled calendar is up to date with the database (yes/no)

## Indexes

Index Name	Index Type	Sequence	Column Name
BOM_CALENDARS_U1	UNIQUE	1	CALENDAR_CODE

## 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		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)*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
BOM_CALENDAR_DATES_U1	UNIQUE	1	CALENDAR_DATE
		2	CALENDAR_CODE
		3	EXCEPTION_SET_ID

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## BOM\_CAL\_WEEK\_START\_DATES

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

### Foreign Keys

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

### Column Descriptions

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

### Indexes

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

## BOM\_CAL\_YEAR\_START\_DATES

BOM\_CAL\_YEAR\_START\_DATES stores the year start dates for your calendar and exception set.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE (PK)	NOT NULL	VARCHAR2(10)	Workday calendar identifier
EXCEPTION_SET_ID (PK)	NOT NULL	NUMBER	Exception set unique identifier
YEAR_START_DATE (PK)	NOT NULL	DATE	Calendar year start date
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

### Indexes

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



## BOM\_DELETE\_ENTITIES

BOM\_DELETE\_ENTITIES stores information about items, bills, or routings you choose to delete in your delete group.

Oracle Bills of Material stores the item number and description of the item you delete in ITEM\_CONCAT\_SEGMENTS and ITEM\_DESCRIPTION. These values are stored to report and query on if you delete the item.

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

### Foreign Keys

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

### QuickCodes Columns

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

### Column Descriptions

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

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# Column Descriptions (Continued)

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

## Indexes

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

## Sequences

Sequence	Derived Column
BOM_DELETE_ENTITIES_S	DELETE_ENTITY_SEQUENCE_ID

## BOM\_DELETE\_ERRORS

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

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
DELETE_ENTITY_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Delete entity unique identifier
COMPONENT_SEQUENCE_ID (PK)	NULL	NUMBER	Component unique identifier
OPERATION_SEQUENCE_ID (PK)	NULL	NUMBER	Routing operation unique identifier
ERROR_SEQUENCE_NUMBER (PK)	NOT NULL	NUMBER	Error sequence number
SQL_STATEMENT_NAME	NOT NULL	VARCHAR2(10)	Name of failed sql statement
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

### Indexes

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

## BOM\_DELETE\_GROUPS

BOM\_DELETE\_GROUPS stores header information about the group of entities you want to delete.

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

### QuickCodes Columns

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

### Column Descriptions

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

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### Indexes

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

### Sequences

Sequence	Derived Column
BOM_DELETE_GROUPS_S	DELETE_GROUP_SEQUENCE_ID

## BOM\_DELETE\_SQL\_STATEMENTS

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

### QuickCodes Columns

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

### Column Descriptions

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
SEQUENCE_NUMBER	NOT NULL	NUMBER	Number that identifies the sequence in which the constraints or deletes for this delete entity type will execute
ARCHIVE_TABLE_NAME	NULL	VARCHAR2(32)	For delete statements, name of table to archive deleted rows
PREDEFINED_FLAG	NOT NULL	NUMBER	Indicates if constraint is seeded or user defined
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

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

## BOM\_DELETE\_SUB\_ENTITIES

BOM\_DELETE\_SUB\_ENTITIES stores information about components and operations that you select to delete.

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

### Foreign Keys

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

### QuickCodes Columns

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

### Column Descriptions

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

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Indexes

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

## 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		NUMBER	Standard Who column
SHARE_CAPACITY_FLAG	NOT NULL	NUMBER	Allow sharing of capacity
SHARE_FROM_DEPT_ID		NUMBER	Share capacity from department identifier
CAPACITY_UNITS		NUMBER	Resource capacity
RESOURCE_GROUP_NAME		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
SCHEDULE_TO_INSTANCE	NULL	NUMBER	Schedule To Instance

Indexes

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

## BOM\_EXCEPTION\_SETS

BOM\_EXCEPTION\_SETS stores exception sets required to compile your calendar.

### Column Descriptions

Name	Null?	Type	Description
EXCEPTION_SET_ID (PK)	NOT NULL	NUMBER	Exception set unique identifier
EXCEPTION_SET_NAME	NOT NULL	VARCHAR2(10)	Exception set name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
DESCRIPTION	NULL	VARCHAR2(240)	Description
DISABLE_DATE	NULL	DATE	Disable date
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

### Indexes

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

### Sequences

Sequence	Derived Column
BOM_EXCEPTION_SETS_S	EXCEPTION_SET_ID

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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 leadtimes.

The ORGANIZATION\_ID for the component can be derived from the BOM\_BILL\_OF\_MATERIALS table using BILL\_SEQUENCE\_ID.

Foreign Keys

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

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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	COMPONENT_ITEM_ID
	ORGANIZATION_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
CHECK_ATP	5	Product Family
	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
OPTIONAL	2	No
	SYS_YES_NO	MFG_LOOKUPS
PICK_COMPONENTS	1	Yes
	2	No
QUANTITY_RELATED	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
REQUIRED_FOR_REVENUE	2	No
	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_SEQUENCES)
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
ECO_FOR_PRODUCTION	NULL	NUMBER	Indicates if this component on an Engineering Change Order is only for WIP jobs

## Indexes

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

## Sequences

Sequence	Derived Column
BOM_INVENTORY_COMPONENTS_S	COMPONENT_SEQUENCE_ID

## Database Triggers

Trigger Name : BOMTBICK  
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.

## BOM\_OPERATIONAL\_ROUTINGS

BOM\_OPERATIONAL\_ROUTINGS stores information about manufacturing and engineering routings.

If a routing shares its operation steps with another routing in the same organization, COMMON\_ROUTING\_SEQUENCE\_ID is a reference to that common routing. This is a mandatory column that equals ROUTING\_SEQUENCE\_ID if there is no common reference. If the routing references a common routing, Oracle Bills of Materials populates the INVENTORY\_ITEM\_ID of the common into COMMON\_ASSEMBLY\_ITEM\_ID.

### Foreign Keys

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

### QuickCodes Columns

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

### Column Descriptions

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
ROUTING_TYPE	NOT NULL	NUMBER	Routing type: 2=Engineering routing 1=Manufacturing routing
COMMON_ASSEMBLY_ITEM_ID		NUMBER	Inventory item identifier of common assembly
COMMON_ROUTING_SEQUENCE_ID	NOT NULL	NUMBER	Routing identifier of common routing
ROUTING_COMMENT		VARCHAR2(240)	Specific comment about routing
COMPLETION_SUBINVENTORY		VARCHAR2(10)	Destination subinventory for assembly
COMPLETION_LOCATOR_ID		NUMBER	Destination location for assembly
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15		VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID		NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID		NUMBER	Concurrent Who column
PROGRAM_ID		NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE		DATE	Concurrent Who column
LINE_ID		NUMBER	Unique identifier from WIP Lines used in Flow Manufacturing
CFM_ROUTING_FLAG		NUMBER	Continuous flow or traditional routing
MIXED_MODEL_MAP_FLAG		NUMBER	Use this routing in Mixed Model Map calculation
PRIORITY		NUMBER	For information only
TOTAL_PRODUCT_CYCLE_TIME		NUMBER	Total time that an assembly takes along the primary path in the operation network, calculated by Flow Manufacturing
CTP_FLAG		NUMBER	Flag indicating capacity must be checked when item is ordered
PROJECT_ID		NUMBER	Project identifier for Project Manufacturing
TASK_ID		NUMBER	Task identifier for Project Manufacturing
PENDING_FROM_ECN		VARCHAR2(10)	Pending From Ecn
ORIGINAL_SYSTEM_REFERENCE		VARCHAR2(50)	Original System Reference

*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

## BOM\_OPERATION\_RESOURCES

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

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

### Foreign Keys

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

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTOCHARGE_TYPE	BOM_AUTOCHARGE_TYPE	MFG_LOOKUPS
	1	WIP move
	2	Manual
	3	PO receipt
	4	PO move
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
SCHEDULE_FLAG	6	Activity
	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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ACTIVITY_ID	NULL	NUMBER	Activity identifier
STANDARD_RATE_FLAG	NOT NULL	NUMBER	Use standard rate for shopfloor transactions
ASSIGNED_UNITS	NOT NULL	NUMBER	Resource units assigned
USAGE_RATE_OR_AMOUNT	NOT NULL	NUMBER	Resource usage rate
USAGE_RATE_OR_AMOUNT_INVERSE	NOT NULL	NUMBER	Resource usage rate inverse
BASIS_TYPE	NOT NULL	NUMBER	Basis type identifier
SCHEDULE_FLAG	NOT NULL	NUMBER	Schedule the resource
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
RESOURCE_OFFSET_PERCENT	NULL	NUMBER	Resource offset percent from the start of the routing
AUTOCHARGE_TYPE	NOT NULL	NUMBER	Autocharge type for shopfloor moves
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SCHEDULE_SEQ_NUM	NULL	NUMBER	Scheduling sequence number
SUBSTITUTE_GROUP_NUM	NULL	NUMBER	Substitute group number
PRINCIPLE_FLAG	NULL	NUMBER	Principle Flag
SETUP_ID	NULL	NUMBER	Setup Type unique identifier
CHANGE_NOTICE	NULL	VARCHAR2(10)	Change Notice
ACD_TYPE	NULL	NUMBER	Acd Type
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	Original System Reference

Indexes

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

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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 Seq	Effective Date	Disable 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		NUMBER	Standard Who column
STANDARD_OPERATION_ID		NUMBER	Standard operation unique identifier
DEPARTMENT_ID	NOT NULL	NUMBER	Department unique identifier
OPERATION_LEAD_TIME_PERCENT		NUMBER	Indicates the amount of overlap its lead time has with the parent's lead time
MINIMUM_TRANSFER_QUANTITY		NUMBER	Minimum operation transfer quantity
COUNT_POINT_TYPE	NOT NULL	NUMBER	Count point
OPERATION_DESCRIPTION		VARCHAR2(240)	Description of operation
EFFECTIVITY_DATE	NOT NULL	DATE	Date operation is effective
DISABLE_DATE		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		VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6		VARCHAR2(150)	Descriptive flexfield segment
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ATTRIBUTE9		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15		VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID		NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID		NUMBER	Concurrent Who column
PROGRAM_ID		NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE		DATE	Concurrent Who column
OPERATION_TYPE		NUMBER	Process, Line Operation or Event
REFERENCE_FLAG		NUMBER	If the Standard Operation is referenced or copied then the operation can not be updated.
PROCESS_OP_SEQ_ID		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
INCLUDE_IN_ROLLUP	NULL	NUMBER	Indicates whether operation yield is to be considered in cost rollup
OPERATION_YIELD_ENABLED	NULL	NUMBER	Indicates whether operation yield is to be considered during costing.
OLD_OPERATION_SEQUENCE_ID	NULL	NUMBER	Old Operation Sequence Id
ACD_TYPE	NULL	NUMBER	Acd Type
REVISED_ITEM_SEQUENCE_ID	NULL	NUMBER	Revised Item Sequence Id
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	Original System Reference
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change notice code (not currently used)
IMPLEMENTATION_DATE	NULL	DATE	Date on which engineering change will be implemented (no longer used)
ECO_FOR_PRODUCTION	NULL	NUMBER	Indicates if this operation on an Engineering Change Order is only for WIP jobs

Indexes

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

Sequences

Sequence	Derived Column
BOM_OPERATION_SEQUENCES_S	OPERATION_SEQUENCE_ID

## 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

## BOM\_PERIOD\_START\_DATES

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

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

### Foreign Keys

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

### Column Descriptions

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

### Indexes

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

## 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 shopfloor transaction
STANDARD_RATE_FLAG	NULL	NUMBER	Use standard rate for shopfloor transaction
DEFAULT_BASIS_TYPE	NULL	NUMBER	Default basis
ABSORPTION_ACCOUNT	NULL	NUMBER	Absorption account
ALLOW_COSTS_FLAG	NOT NULL	NUMBER	Allow costs to be defined
RATE_VARIANCE_ACCOUNT	NULL	NUMBER	Rate variance account
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure type
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column

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*Column Descriptions (Continued)*

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

*Indexes*

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

*Sequences*

Sequence	Derived Column
BOM_RESOURCES_S	RESOURCE_ID



## BOM\_SUBSTITUTE\_COMPONENTS

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

The column SUBSTITUTE\_ITEM\_QUANTITY stores the quantity of substitute items needed to replace the full component quantity as represented in the COMPONENT\_QUANTITY column of the BOM\_INVENTORY\_COMPONENTS table.

### Foreign Keys

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

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
SUBSTITUTE_COMPONENT_ID (PK)	NOT NULL	NUMBER	Substitute component inventory item
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
SUBSTITUTE_ITEM_QUANTITY	NOT NULL	NUMBER	Substitute component quantity
COMPONENT_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Component unique identifier
ACD_TYPE (PK)	NULL	NUMBER	Type to indicate add or delete on an engineering change order
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment

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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
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	Original system that data for the current record has come from

# Indexes

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

# COST\_UPGR\_ERROR\_TABLE

## COST\_UPGR\_ERROR\_TABLE

Column Descriptions

Name	Null?	Type	Description
TABLE_NAME	NULL	VARCHAR2(250)	Table Name in error
ROWID_VALUE	NULL	VARCHAR2(250)	Rowid of errored row
ORG_ID	NULL	NUMBER	Organization ID of errored row
ERROR_MESG	NULL	VARCHAR2(1000)	Error message
PROC_NAME	NULL	VARCHAR2(300)	Procedure name that generated the error

## CRP\_AVAILABLE\_RESOURCES

CRP\_AVAILABLE\_RESOURCES stores resource availability information for all departments/resources and lines used in a plan. Resource availability is stored in this table for different date ranges in the planning horizon.

RESOURCE\_START\_DATE and RESOURCE\_END\_DATE contain the date ranges for which the resource availability information is applicable.

RESOURCE\_HOURS stores the daily resource availability for routing based resources. MAX\_RATE column contains the maximum rate for lines. The total daily availability is the product of RESOURCE\_UNITS and RESOURCE\_HOURS for routing based resources. For lines, the total daily availability is calculated as the MAX\_RATE multiplied by the RESOURCE\_UNITS.

CRP\_AVAILABLE\_RESOURCES is populated by the snapshot and is used by the planner. Data in this table can be viewed in the Planner's Workbench.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CRP_PLANNED_RESOURCES	COMPILE_DESIGNATOR ORGANIZATION_ID DEPARTMENT_ID RESOURCE_ID LINE_ID	COMPILE_DESIGNATOR ORGANIZATION_ID DEPARTMENT_ID RESOURCE_ID LINE_ID

### Column Descriptions

Name	Null?	Type	Description
COMPILE_DESIGNATOR	NOT NULL	VARCHAR2(20)	MPS, MRP or DRP plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
LINE_ID	NULL	NUMBER	Line identifier
DEPARTMENT_ID	NULL	NUMBER	Department identifier
RESOURCE_ID	NULL	NUMBER	Resource identifier
RESOURCE_HOURS	NULL	NUMBER	Daily availability of resource in hours
MAX_RATE	NULL	NUMBER	Hourly maximum rate for line
RESOURCE_UNITS	NULL	NUMBER	Number of units of the resource
STATUS	NULL	NUMBER	Attribute for online replanning
APPLIED	NULL	NUMBER	Attribute for online replanning
RESOURCE_START_DATE	NOT NULL	DATE	Start date of resource availability
RESOURCE_END_DATE	NULL	DATE	End date of resource availability
UPDATED	NOT NULL	NUMBER	Flag to determine whether add workday modification was applied
ORIGINAL_CAPACITY	NULL	NUMBER	Not currently used
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
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_AVAILABLE_RESOURCES_N1	NOT UNIQUE	1	COMPILE_DESIGNATOR
		4	DEPARTMENT_ID
		5	RESOURCE_ID
CRP_AVAILABLE_RESOURCES_N2	NOT UNIQUE	2	COMPILE_DESIGNATOR
		6	LINE_ID
CRP_AVAILABLE_RESOURCES_N3	NOT UNIQUE	2	APPLIED
		4	COMPILE_DESIGNATOR
		6	ORGANIZATION_ID

## 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		NUMBER	Standard Who column
ACTIVITY	NOT NULL	VARCHAR2(10)	Activity name
ORGANIZATION_ID		NUMBER	Organization identifier
DESCRIPTION	NOT NULL	VARCHAR2(240)	Description
DEFAULT_BASIS_TYPE		NUMBER	Default basis for the activity
DISABLE_DATE		DATE	Date activity becomes inactive
OUTPUT_UOM		VARCHAR2(50)	Activity measurement unit
VALUE_ADDED_ACTIVITY_FLAG		VARCHAR2(150)	Flag indicating whether the activity adds value
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15		VARCHAR2(150)	Descriptive Flexfield segment
REQUEST_ID		NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID		NUMBER	Concurrent Who column

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*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
CST_ACTIVITIES_U1	UNIQUE	1	ACTIVITY_ID
CST_ACTIVITIES_U2	UNIQUE	1	ORGANIZATION_ID
		2	ACTIVITY

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
CST_ACTIVITIES_S	ACTIVITY_ID

## 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



## 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		NUMBER	Standard Who column
REQUEST_ID		NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID		NUMBER	Concurrent Who column
PROGRAM_ID		NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE		DATE	Concurrent Who column
ORGANIZATION_ID		NUMBER	Organization Identifier
COST_GROUP	NOT NULL	VARCHAR2(10)	Cost group name
DESCRIPTION		VARCHAR2(240)	Description
DISABLE_DATE		DATE	Inactive On/After
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5		VARCHAR2(150)	Descriptive Flexfield segment
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ATTRIBUTE9		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15		VARCHAR2(150)	Descriptive Flexfield segment
LEGAL_ENTITY		NUMBER	Legal Entity Identifier
COST_GROUP_TYPE		NUMBER	Cost group type based on the CST_COST_GROUP_TYPE lookup type

### 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

## 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		NUMBER	Standard Who column
ORGANIZATION_ID		NUMBER	Organization identifier
COST_TYPE	NOT NULL	VARCHAR2(10)	Cost type name
DESCRIPTION		VARCHAR2(240)	Description
COSTING_METHOD_TYPE	NOT NULL	NUMBER	Costing method used, standard or average
FROZEN_STANDARD_FLAG		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		VARCHAR2(10)	Alternate designator
ALLOW_UPDATES_FLAG		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		DATE	Inactive On/After
AVAILABLE_TO_ENG_FLAG		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		VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2		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

## 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
SNAPSHOT_SAVED_FLAG	7	Not based on rollup items
	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
STATUS	2	No
	CST_COST_UPDATE_STATUS	MFG_LOOKUPS
	-1	Error
	1	Pending
	2	Running
UPDATE_ACTIVITY_FLAG	3	Completed
	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
UPDATE_RESOURCE_OVHD_FLAG	2	No
	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

## 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
ROLLUP_ID	NULL	NUMBER(15)	Supply Chain Rollup identifier
ASSIGNMENT_SET_ID	NULL	NUMBER(15)	MRP assignment set identifier used in Supply Chain Rollup

Indexes

Index Name	Index Type	Sequence	Column Name
CST_ITEM_COSTS_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	COST_TYPE_ID
CST_ITEM_COSTS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	COST_TYPE_ID
		3	ORGANIZATION_ID

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## CST\_ITEM\_COSTS\_INTERFACE

CST\_ITEM\_COSTS\_INTERFACE is the interface table for CST\_ITEM\_COSTS. This table is used when a Copy Cost Information request is submitted.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
CST_COST_UPDATES	COST_UPDATE_ID	COST_UPDATE_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NULL	NUMBER	Organization identifier
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
INVENTORY_ASSET_FLAG	NULL	NUMBER	Flag indicating whether the item is asset or expense
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Organization code
COST_TYPE	NULL	VARCHAR2(10)	Cost type name
INVENTORY_ITEM	NULL	VARCHAR2(240)	Concatenated inventory item segments
GROUP_ID (PK)	NULL	NUMBER	Group identifier
LOT_SIZE	NULL	NUMBER	Lot size
BASED_ON_ROLLUP_FLAG	NULL	NUMBER	Flag indicating whether costs should be rolled up
SHRINKAGE_RATE	NULL	NUMBER	Manufacturing shrinkage rate (for make item only)
DEFAULTED_FLAG	NULL	NUMBER	Flag indicating whether the cost of the item is defaulted from the default cost type during cost roll up
COST_UPDATE_ID	NULL	NUMBER	Cost update session identifier
PL_MATERIAL	NULL	NUMBER	Previous level material cost
PL_MATERIAL_OVERHEAD	NULL	NUMBER	Previous level material overhead cost
PL_RESOURCE	NULL	NUMBER	Previous level resource cost
PL_OUTSIDE_PROCESSING	NULL	NUMBER	Previous level outside processing cost
PL_OVERHEAD	NULL	NUMBER	Previous level overhead cost
TL_MATERIAL	NULL	NUMBER	This level material cost
TL_MATERIAL_OVERHEAD	NULL	NUMBER	This level material overhead cost
TL_RESOURCE	NULL	NUMBER	This level resource cost
TL_OUTSIDE_PROCESSING	NULL	NUMBER	This level outside processing cost
TL_OVERHEAD	NULL	NUMBER	This level overhead cost
MATERIAL_COST	NULL	NUMBER	Material cost
MATERIAL_OVERHEAD_COST	NULL	NUMBER	Material overhead cost

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Column Descriptions (Continued)

Name	Null?	Type	Description
RESOURCE_COST	NULL	NUMBER	Resource cost
OUTSIDE_PROCESSING_COST	NULL	NUMBER	Outside Processing cost
OVERHEAD_COST	NULL	NUMBER	Overhead cost
PL_ITEM_COST	NULL	NUMBER	Total previous level cost
TL_ITEM_COST	NULL	NUMBER	Total this level cost
ITEM_COST	NULL	NUMBER	Item unit cost
UNBURDENED_COST	NULL	NUMBER	Item unit cost minus this level material overhead
BURDEN_COST	NULL	NUMBER	This level material overhead
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
TRANSACTION_ID	NULL	NUMBER	Transaction identifier
PROCESS_FLAG	NULL	NUMBER	Not currently used
ITEM_NUMBER	NULL	VARCHAR2(81)	Not currently used
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Transaction type

Indexes

Index Name	Index Type	Sequence	Column Name
CST_ITEM_COSTS_INTERFACE_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	COST_TYPE_ID
		3	ORGANIZATION_ID

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## CST\_ITEM\_COST\_DETAILS

CST\_ITEM\_COST\_DETAILS stores detailed cost information for an item for a cost type. It is the child table of CST\_ITEM\_COSTS.

There are three types of detailed item cost: User-defined, Defaulted, and Rolled up. User-defined costs can be entered in the Item Costs window. Defaulted and Rolled up costs are generated by Cost Rollup.

If the item does not have cost control information for the cost type you are rolling up, Cost Rollup copies this level detailed cost information from the default cost type and marks the rows as Defaulted. Previous level costs are rolled up costs.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_OPERATION_SEQUENCES	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
BOM_RESOURCES	RESOURCE_ID	BASIS_RESOURCE_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
CST_ITEM_COSTS	COST_TYPE_ID	COST_TYPE_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
LEVEL_TYPE	6	Activity
	CST_LEVEL	MFG_LOOKUPS
	1	This
ROLLUP_SOURCE_TYPE	2	Previous
	CST_SOURCE_TYPE	MFG_LOOKUPS
	1	User defined
	2	Default
	3	Rolled up

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
OPERATION_SEQUENCE_ID		NUMBER	Operation sequence identifier
OPERATION_SEQ_NUM		NUMBER	Operation sequence number in a routing
DEPARTMENT_ID		NUMBER	Department identifier
LEVEL_TYPE	NOT NULL	NUMBER	Level at which cost is incurred
ACTIVITY_ID		NUMBER	Activity identifier
RESOURCE_SEQ_NUM		NUMBER	Resource sequence number in an operation
RESOURCE_ID		NUMBER	Resource identifier (sub-element)
RESOURCE_RATE		NUMBER	Resource unit cost
ITEM_UNITS		NUMBER	Number of item units the activity cost is applied to
ACTIVITY_UNITS		NUMBER	Number of activity units applied to the item cost
USAGE_RATE_OR_AMOUNT	NOT NULL	NUMBER	Number of resource units, overhead rate, or activity unit cost per basis
BASIS_TYPE	NOT NULL	NUMBER	Basis
BASIS_RESOURCE_ID		NUMBER	Resource identifier that the resource overhead is based on
BASIS_FACTOR	NOT NULL	NUMBER	Basis factor
NET_YIELD_OR_SHRINKAGE_FACTOR	NOT NULL	NUMBER	Item shrinkage factor computed from the item shrinkage
ITEM_COST	NOT NULL	NUMBER	Item unit cost
COST_ELEMENT_ID		NUMBER	Cost element identifier
ROLLUP_SOURCE_TYPE	NOT NULL	NUMBER	Cost source
ACTIVITY_CONTEXT		VARCHAR2(30)	Structure defining column for the Activity Unit Information
REQUEST_ID		NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID		NUMBER	Concurrent Who column
PROGRAM_ID		NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE		DATE	Concurrent Who column
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15		VARCHAR2(150)	Descriptive Flexfield segment
YIELDED_COST		NUMBER	The yield cost as computed by the rollup process for WSM enabled organizations

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*Column Descriptions (Continued)*

Name	Null?	Type	Description
SOURCE_ORGANIZATION_ID	NULL	NUMBER(15)	Source organization identifier
VENDOR_ID	NULL	NUMBER(15)	Vendor identifier
ALLOCATION_PERCENT	NULL	NUMBER	Allocation percentage
VENDOR_SITE_ID	NULL	NUMBER(15)	Vendor site identifier
SHIP_METHOD	NULL	VARCHAR2(30)	Shipping method

*Indexes*

Index Name	Index Type	Sequence	Column Name
CST_ITEM_COST_DETAILS_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	COST_TYPE_ID
		3	INVENTORY_ITEM_ID
		4	COST_ELEMENT_ID

## CST\_ITEM\_CST\_DTLS\_INTERFACE

CST\_ITEM\_CST\_DTLS\_INTERFACE is the interface table for CST\_ITEM\_COST\_DETAILS. This table is populated when a Copy Cost request is submitted.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_OPERATION_SEQUENCES	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
BOM_RESOURCES	RESOURCE_ID	BASIS_RESOURCE_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity
LEVEL_TYPE	CST_LEVEL	MFG_LOOKUPS
	1	This
	2	Previous
ROLLUP_SOURCE_TYPE	CST_SOURCE_TYPE	MFG_LOOKUPS
	1	User defined
	2	Default
	3	Rolled up

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NULL	NUMBER	Inventory item identifier
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
GROUP_ID (PK)	NULL	NUMBER	Group identifier
ORGANIZATION_ID (PK)	NULL	NUMBER	Organization identifier
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation sequence identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number in a routing
DEPARTMENT_ID	NULL	NUMBER	Department identifier
LEVEL_TYPE	NULL	NUMBER	Level at which cost is incurred
ACTIVITY_ID	NULL	NUMBER	Activity identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence number in an operation
RESOURCE_ID	NULL	NUMBER	Resource identifier (sub-element)
RESOURCE_RATE	NULL	NUMBER	Resource unit cost
ITEM_UNITS	NULL	NUMBER	Number of item units the activity cost is applied to
ACTIVITY_UNITS	NULL	NUMBER	Number of activity units applied to the item cost
USAGE_RATE_OR_AMOUNT	NULL	NUMBER	Number of resource units, overhead rate, or activity unit cost per basis
BASIS_TYPE	NULL	NUMBER	Basis
BASIS_RESOURCE_ID	NULL	NUMBER	Resource identifier that the resource overhead is based on
BASIS_FACTOR	NULL	NUMBER	Basis factor
NET_YIELD_OR_SHRINKAGE_FACTOR	NULL	NUMBER	Item shrinkage factor computed from the item shrinkage
ITEM_COST	NULL	NUMBER	Item unit cost
COST_ELEMENT_ID	NULL	NUMBER	Cost element identifier
ROLLUP_SOURCE_TYPE	NULL	NUMBER	Cost source
ACTIVITY_CONTEXT	NULL	VARCHAR2(30)	Structure defining column for the Activity Unit Information
REQUEST_ID	NULL	NUMBER	Concurrent Who column
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Organization code
COST_TYPE	NULL	VARCHAR2(10)	Cost type name
INVENTORY_ITEM	NULL	VARCHAR2(240)	Concatenated inventory item segments
DEPARTMENT	NULL	VARCHAR2(10)	Department name
ACTIVITY	NULL	VARCHAR2(10)	Activity name
RESOURCE_CODE	NULL	VARCHAR2(10)	Resource code
BASIS_RESOURCE_CODE	NULL	VARCHAR2(10)	Resource code of resource on which an overhead is based
COST_ELEMENT	NULL	VARCHAR2(50)	Cost element name
ERROR_TYPE	NULL	NUMBER	Type of error
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
TRANSACTION_ID	NULL	NUMBER	Transaction identifier
PROCESS_FLAG	NULL	NUMBER	Not currently used

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*Column Descriptions (Continued)*

Name	Null?	Type	Description
ITEM_NUMBER	NULL	VARCHAR2(81)	Not currently used
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Transaction type
YIELDED_COST	NULL	NUMBER	The yield cost, applicable for WSM enabled organizations

*Indexes*

Index Name	Index Type	Sequence	Column Name
CST_ITEM_CST_DTLS_INTERFACE_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	COST_TYPE_ID
		4	COST_ELEMENT_ID



## CST\_PAC\_ITEM\_COSTS

CST\_PAC\_ITEM\_COSTS stores the item cost and quantity in a period and organization cost group. The COST\_LAYER\_ID is unique for a period / organization cost group / item combination.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
CST_PAC_PERIODS	PAC_PERIOD_ID	PAC_PERIOD_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID

### Column Descriptions

Name	Null?	Type	Description
COST_LAYER_ID (PK)	NOT NULL	NUMBER	Cost layer identifier
PAC_PERIOD_ID	NOT NULL	NUMBER	Period Identifier
COST_GROUP_ID	NOT NULL	NUMBER	Cost Group Identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item identifier
BUY_QUANTITY	NULL	NUMBER	The buy quantity in the period
MAKE_QUANTITY	NULL	NUMBER	The make quantity in the period
ISSUE_QUANTITY	NULL	NUMBER	The quantity issued in the periodic costing period
TOTAL_LAYER_QUANTITY	NULL	NUMBER	The net quantity at the end of the Periodic Average Costing period
ITEM_COST	NULL	NUMBER	The item cost at the end of the period.
ITEM_BUY_COST	NULL	NUMBER	The buy item cost at the end of the period
ITEM_MAKE_COST	NULL	NUMBER	The make item cost at the end of the period
BEGIN_ITEM_COST	NULL	NUMBER	The item cost at the beginning of the period
MATERIAL_COST	NULL	NUMBER	Material cost
MATERIAL_OVERHEAD_COST	NULL	NUMBER	Material overhead cost
RESOURCE_COST	NULL	NUMBER	Resource cost
OVERHEAD_COST	NULL	NUMBER	Overhead cost
OUTSIDE_PROCESSING_COST	NULL	NUMBER	Outside processing cost
PL_MATERIAL	NULL	NUMBER	Previous level material cost
PL_MATERIAL_OVERHEAD	NULL	NUMBER	Previous level material overhead cost
PL_RESOURCE	NULL	NUMBER	Previous level resource cost
PL_OUTSIDE_PROCESSING	NULL	NUMBER	Previous level outside processing cost
PL_OVERHEAD	NULL	NUMBER	Previous level overhead cost
TL_MATERIAL	NULL	NUMBER	This level material cost
TL_MATERIAL_OVERHEAD	NULL	NUMBER	This level material overhead cost
TL_RESOURCE	NULL	NUMBER	This level resource cost
TL_OUTSIDE_PROCESSING	NULL	NUMBER	This level outside processing cost
TL_OVERHEAD	NULL	NUMBER	This level overhead cost
PL_ITEM_COST	NULL	NUMBER	Total previous level item cost
TL_ITEM_COST	NULL	NUMBER	Total item cost in this level
UNBURDENED_COST	NULL	NUMBER	Item unit cost minus this level material overhead

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Column Descriptions (Continued)

Name	Null?	Type	Description
BURDEN_COST	NULL	NUMBER	This level material overhead
LAST_UPDATE_DATE	NOT NULL	DATE	Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Who column
CREATION_DATE	NOT NULL	DATE	Who column
CREATED_BY	NOT NULL	NUMBER	Who column
REQUEST_ID	NULL	NUMBER	Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Who column
PROGRAM_ID	NULL	NUMBER	Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Who column
MARKET_VALUE	NULL	NUMBER	Market value
JUSTIFICATION	NULL	VARCHAR2(2000)	Justification for the market value
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
CST_PAC_ITEM_COSTS_U1	UNIQUE	1	COST_LAYER_ID
CST_PAC_ITEM_COST_N1	NOT UNIQUE	1	PAC_PERIOD_ID
		2	COST_GROUP_ID
		3	INVENTORY_ITEM_ID

## 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_SET_NAME
	PERIOD_NAME	PERIOD_NAME
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	LEGAL_ENTITY

### Column Descriptions

Name	Null?	Type	Description
PAC_PERIOD_ID (PK)	NOT NULL	NUMBER	Periodic Costing Period Identifier
LEGAL_ENTITY	NOT NULL	NUMBER(15)	Legal Entity Identifier
COST_TYPE_ID	NOT NULL	NUMBER	Cost Type Identifier
PERIOD_SET_NAME	NOT NULL	VARCHAR2(15)	Calendar associated with Set of Books
PERIOD_START_DATE	NOT NULL	DATE	Period Start Date
PERIOD_END_DATE	NOT NULL	DATE	Period End Date
OPEN_FLAG	NOT NULL	VARCHAR2(1)	Flag to denote whether period is in open, close or error status
PERIOD_YEAR	NOT NULL	NUMBER	Period Year
PERIOD_NUM	NOT NULL	NUMBER	Period Number
PERIOD_NAME	NOT NULL	VARCHAR2(15)	Period Name
PERIOD_CLOSE_DATE	NULL	DATE	Period Close Date
LAST_UPDATE_DATE	NOT NULL	DATE	Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Who column
CREATION_DATE	NOT NULL	DATE	Who column
CREATED_BY	NOT NULL	NUMBER	Who column
REQUEST_ID	NULL	NUMBER	Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Who column
PROGRAM_ID	NULL	NUMBER	Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
CST_PAC_PERIODS_N1	NOT UNIQUE	1	LEGAL_ENTITY
		2	COST_TYPE_ID
CST_PAC_PERIODS_U1	UNIQUE	1	PAC_PERIOD_ID

## CST\_STANDARD\_COSTS

CST\_STANDARD\_COSTS stores item cost and standard cost adjustment history for every item for every cost update. Records are inserted during the final phase of the Standard Cost Update process for every item being updated or when the item costs are initially defined. The adjustment columns for WIP may not include adjustments for resource or overhead rates. They include standard cost adjustments for the items issued and completed from WIP.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_UPDATES	COST_UPDATE_ID	COST_UPDATE_ID
CST_COST_UPDATES	COST_UPDATE_ID	LAST_COST_UPDATE_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID

### Column Descriptions

Name	Null?	Type	Description
COST_UPDATE_ID (PK)	NOT NULL	NUMBER	Cost update session identifier
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		NUMBER	Standard Who column
STANDARD_COST_REVISION_DATE	NOT NULL	DATE	The date and time that cost update is run
STANDARD_COST	NOT NULL	NUMBER	Standard cost for the item after cost update
INVENTORY_ADJUSTMENT_QUANTITY		NUMBER	Total adjustment quantity for the item
INVENTORY_ADJUSTMENT_VALUE		NUMBER	Total adjustment value for the item
INTRANSIT_ADJUSTMENT_QUANTITY		NUMBER	Total intransit adjustment quantity for the item
INTRANSIT_ADJUSTMENT_VALUE		NUMBER	Total intransit adjustment value for the item
WIP_ADJUSTMENT_QUANTITY		NUMBER	Total adjustment quantity for the item in WIP
WIP_ADJUSTMENT_VALUE		NUMBER	Total adjustment value for the item in WIP
LAST_COST_UPDATE_ID		NUMBER	Not currently used
REQUEST_ID		NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID		NUMBER	Concurrent Who column
PROGRAM_ID		NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE		DATE	Concurrent Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
CST_STANDARD_COSTS_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	STANDARD_COST_REVISION_DATE

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
CST_STANDARD_COSTS_N2	NOT UNIQUE	1	COST_UPDATE_ID
		2	INVENTORY_ITEM_ID
		3	ORGANIZATION_ID

## EDW\_CST\_COGS\_F

### Column Descriptions

Name	Null?	Type	Description
PROJECT_FK_KEY	NULL	NUMBER	
PRIM_SALES_REP_FK_KEY	NULL	NUMBER	
CUSTOMER_FK_KEY	NULL	NUMBER	
ORDER_TYPE_FK_KEY	NULL	NUMBER	
SUB_INVENTORY_FK_KEY	NULL	NUMBER	
TASK_FK_KEY	NULL	NUMBER	
TOP_MODEL_ITEM_FK_KEY	NULL	NUMBER	
DATE_BOOKED_FK_KEY	NULL	NUMBER	
OPERATING_UNIT_FK_KEY	NULL	NUMBER	
CAMPAIGN_ACTL_FK_KEY	NULL	NUMBER	
MEDIA_ACTL_FK_KEY	NULL	NUMBER	
MEDIA_CHAN_ACTL_FK_KEY	NULL	NUMBER	
OFFER_ACTL_FK_KEY	NULL	NUMBER	
CELL_ACTL_FK_KEY	NULL	NUMBER	
SHIP_TO_SITE_FK_KEY	NULL	NUMBER	
EVENT_OFFER_INIT_FK_KEY	NULL	NUMBER	
DATE_PROMISED_FK_KEY	NULL	NUMBER	
DATE_REQUESTED_FK_KEY	NULL	NUMBER	
LIST_VENDOR_FK_KEY	NULL	NUMBER	
DATE_SHIPPED_FK_KEY	NULL	NUMBER	
DATE_SCHEDULED_FK_KEY	NULL	NUMBER	
TRX_DATE_FK_KEY	NULL	NUMBER	
COGS_PK_KEY	NULL	NUMBER	
RMA_VALUE_T	NULL	NUMBER	
RMA_VALUE_G	NULL	NUMBER	
PROMISE_LEAD_TIME	NULL	NUMBER	
PROM_EARLY_COUNT	NULL	NUMBER	
PROM_LATE_COUNT	NULL	NUMBER	
PROM_EARLY_VAL_G	NULL	NUMBER	
PROM_LATE_VAL_G	NULL	NUMBER	
REQUEST_LEAD_TIME	NULL	NUMBER	
RMA_QTY_B	NULL	NUMBER	
SHIPPED_QTY_B	NULL	NUMBER	
REQ_EARLY_COUNT	NULL	NUMBER	
REQ_LATE_COUNT	NULL	NUMBER	
REQ_EARLY_VAL_G	NULL	NUMBER	
REQ_LATE_VAL_G	NULL	NUMBER	
COGS_G	NULL	NUMBER	
COGS_T	NULL	NUMBER	
ICAP_QTY_B	NULL	NUMBER	
ORDER_CATEGORY_FK_KEY	NULL	NUMBER	
MONTH_BOOKED_FK_KEY	NULL	NUMBER	
BASE_UOM_FK_KEY	NULL	NUMBER	
BILL_TO_SITE_FK_KEY	NULL	NUMBER	
INV_ORG_FK_KEY	NULL	NUMBER	
ITEM_ORG_FK_KEY	NULL	NUMBER	
LOCATOR_FK_KEY	NULL	NUMBER	
OFFER_INIT_FK_KEY	NULL	NUMBER	
MEDIA_INIT_FK_KEY	NULL	NUMBER	

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Column Descriptions (Continued)

Name	Null?	Type	Description
MEDIA_CHAN_INIT_FK_KEY	NULL	NUMBER	
MARKET_SEGMENT_FK_KEY	NULL	NUMBER	
ORDER_LEAD_TIME	NULL	NUMBER	
USER_MEASURE1	NULL	NUMBER	
USER_MEASURE2	NULL	NUMBER	
USER_MEASURE3	NULL	NUMBER	
USER_MEASURE4	NULL	NUMBER	
USER_MEASURE5	NULL	NUMBER	
CELL_INIT_FK_KEY	NULL	NUMBER	
SOURCE_LIST_FK_KEY	NULL	NUMBER	
EVENT_OFFER_ACTL_FK_KEY	NULL	NUMBER	
INSTANCE_FK_KEY	NULL	NUMBER	
SALES_CHANNEL_FK_KEY	NULL	NUMBER	
TERRITORY_FK_KEY	NULL	NUMBER	
TRX_CURRENCY_FK_KEY	NULL	NUMBER	
CAMPAIGN_INIT_FK_KEY	NULL	NUMBER	
COGS_PK	NULL	VARCHAR2(120)	
LOT	NULL	VARCHAR2(40)	
REVISION	NULL	VARCHAR2(40)	
SERIAL_NUMBER	NULL	VARCHAR2(40)	
WAYBILL_NUMBER	NULL	VARCHAR2(40)	
USER_ATTRIBUTE1	NULL	VARCHAR2(240)	
USER_ATTRIBUTE2	NULL	VARCHAR2(240)	
USER_ATTRIBUTE3	NULL	VARCHAR2(240)	
USER_ATTRIBUTE4	NULL	VARCHAR2(240)	
USER_ATTRIBUTE5	NULL	VARCHAR2(240)	
USER_ATTRIBUTE6	NULL	VARCHAR2(240)	
USER_ATTRIBUTE7	NULL	VARCHAR2(240)	
USER_ATTRIBUTE8	NULL	VARCHAR2(240)	
USER_ATTRIBUTE9	NULL	VARCHAR2(240)	
USER_ATTRIBUTE10	NULL	VARCHAR2(240)	
USER_ATTRIBUTE11	NULL	VARCHAR2(240)	
USER_ATTRIBUTE12	NULL	VARCHAR2(240)	
USER_ATTRIBUTE13	NULL	VARCHAR2(240)	
USER_ATTRIBUTE14	NULL	VARCHAR2(240)	
USER_ATTRIBUTE15	NULL	VARCHAR2(240)	
LAST_UPDATE_DATE	NULL	DATE	
CREATION_DATE	NULL	DATE	

Indexes

Index Name	Index Type	Sequence	Column Name
EDW_CST_COGS_F_N1	NOT UNIQUE	1	PROJECT_FK_KEY
EDW_CST_COGS_F_N10	NOT UNIQUE	1	CAMPAIGN_ACTL_FK_KEY
EDW_CST_COGS_F_N11	NOT UNIQUE	1	MEDIA_ACTL_FK_KEY
EDW_CST_COGS_F_N12	NOT UNIQUE	1	MEDIA_CHAN_ACTL_FK_KEY
EDW_CST_COGS_F_N13	NOT UNIQUE	1	OFFER_ACTL_FK_KEY
EDW_CST_COGS_F_N14	NOT UNIQUE	1	CELL_ACTL_FK_KEY
EDW_CST_COGS_F_N15	NOT UNIQUE	1	SHIP_TO_SITE_FK_KEY
EDW_CST_COGS_F_N16	NOT UNIQUE	1	EVENT_OFFER_INIT_FK_KEY
EDW_CST_COGS_F_N17	NOT UNIQUE	1	DATE_PROMISED_FK_KEY
EDW_CST_COGS_F_N18	NOT UNIQUE	1	DATE_REQUESTED_FK_KEY
EDW_CST_COGS_F_N19	NOT UNIQUE	1	LIST_VENDOR_FK_KEY
EDW_CST_COGS_F_N2	NOT UNIQUE	1	PRIM_SALES_REP_FK_KEY
EDW_CST_COGS_F_N20	NOT UNIQUE	1	DATE_SHIPPED_FK_KEY

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*Indexes (Continued)*

Index Name	Index Type	Sequence	Column Name
EDW_CST_COGS_F_N21	NOT UNIQUE	1	DATE_SCHEDULED_FK_KEY
EDW_CST_COGS_F_N22	NOT UNIQUE	1	TRX_DATE_FK_KEY
EDW_CST_COGS_F_N23	NOT UNIQUE	1	ORDER_CATEGORY_FK_KEY
EDW_CST_COGS_F_N24	NOT UNIQUE	1	MONTH_BOOKED_FK_KEY
EDW_CST_COGS_F_N25	NOT UNIQUE	1	BASE_UOM_FK_KEY
EDW_CST_COGS_F_N26	NOT UNIQUE	1	BILL_TO_SITE_FK_KEY
EDW_CST_COGS_F_N27	NOT UNIQUE	1	INV_ORG_FK_KEY
EDW_CST_COGS_F_N28	NOT UNIQUE	1	ITEM_ORG_FK_KEY
EDW_CST_COGS_F_N29	NOT UNIQUE	1	LOCATOR_FK_KEY
EDW_CST_COGS_F_N3	NOT UNIQUE	1	CUSTOMER_FK_KEY
EDW_CST_COGS_F_N30	NOT UNIQUE	1	OFFER_INIT_FK_KEY
EDW_CST_COGS_F_N31	NOT UNIQUE	1	MEDIA_INIT_FK_KEY
EDW_CST_COGS_F_N32	NOT UNIQUE	1	MEDIA_CHAN_INIT_FK_KEY
EDW_CST_COGS_F_N33	NOT UNIQUE	1	MARKET_SEGMENT_FK_KEY
EDW_CST_COGS_F_N34	NOT UNIQUE	1	CELL_INIT_FK_KEY
EDW_CST_COGS_F_N35	NOT UNIQUE	1	SOURCE_LIST_FK_KEY
EDW_CST_COGS_F_N36	NOT UNIQUE	1	EVENT_OFFER_ACTL_FK_KEY
EDW_CST_COGS_F_N37	NOT UNIQUE	1	INSTANCE_FK_KEY
EDW_CST_COGS_F_N38	NOT UNIQUE	1	SALES_CHANNEL_FK_KEY
EDW_CST_COGS_F_N39	NOT UNIQUE	1	TERRITORY_FK_KEY
EDW_CST_COGS_F_N4	NOT UNIQUE	1	ORDER_TYPE_FK_KEY
EDW_CST_COGS_F_N40	NOT UNIQUE	1	TRX_CURRENCY_FK_KEY
EDW_CST_COGS_F_N41	NOT UNIQUE	1	CAMPAIGN_INIT_FK_KEY
EDW_CST_COGS_F_N5	NOT UNIQUE	1	SUB_INVENTORY_FK_KEY
EDW_CST_COGS_F_N6	NOT UNIQUE	1	TASK_FK_KEY
EDW_CST_COGS_F_N7	NOT UNIQUE	1	TOP_MODEL_ITEM_FK_KEY
EDW_CST_COGS_F_N8	NOT UNIQUE	1	DATE_BOOKED_FK_KEY
EDW_CST_COGS_F_N9	NOT UNIQUE	1	OPERATING_UNIT_FK_KEY
EDW_CST_COGS_F_U1	UNIQUE	1	COGS_PK

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# EDW\_CST\_COGS\_FSTG

## Column Descriptions

Name	Null?	Type	Description
ORDER_CATEGORY_FK_KEY	NULL	NUMBER	
TERRITORY_FK_KEY	NULL	NUMBER	
TOP_MODEL_ITEM_FK_KEY	NULL	NUMBER	
TRX_CURRENCY_FK_KEY	NULL	NUMBER	
DATE_BOOKED_FK_KEY	NULL	NUMBER	
DATE_PROMISED_FK_KEY	NULL	NUMBER	
DATE_REQUESTED_FK_KEY	NULL	NUMBER	
DATE_SCHEDULED_FK_KEY	NULL	NUMBER	
DATE_SHIPPED_FK_KEY	NULL	NUMBER	
TRX_DATE_FK_KEY	NULL	NUMBER	
OPERATING_UNIT_FK_KEY	NULL	NUMBER	
CAMPAIGN_INIT_FK_KEY	NULL	NUMBER	
CAMPAIGN_ACTL_FK_KEY	NULL	NUMBER	
MEDIA_INIT_FK_KEY	NULL	NUMBER	
MEDIA_ACTL_FK_KEY	NULL	NUMBER	
MEDIA_CHAN_INIT_FK_KEY	NULL	NUMBER	
MONTH_BOOKED_FK_KEY	NULL	NUMBER	
MEDIA_CHAN_ACTL_FK_KEY	NULL	NUMBER	
OFFER_INIT_FK_KEY	NULL	NUMBER	
BASE_UOM_FK_KEY	NULL	NUMBER	
BILL_TO_SITE_FK_KEY	NULL	NUMBER	
INV_ORG_FK_KEY	NULL	NUMBER	
CUSTOMER_FK_KEY	NULL	NUMBER	
ITEM_ORG_FK_KEY	NULL	NUMBER	
LOCATOR_FK_KEY	NULL	NUMBER	
ORDER_TYPE_FK_KEY	NULL	NUMBER	
CELL_ACTL_FK_KEY	NULL	NUMBER	
SOURCE_LIST_FK_KEY	NULL	NUMBER	
EVENT_OFFER_ACTL_FK_KEY	NULL	NUMBER	
PRIM_SALES_REP_FK_KEY	NULL	NUMBER	
PROJECT_FK_KEY	NULL	NUMBER	
SALES_CHANNEL_FK_KEY	NULL	NUMBER	
SHIP_TO_SITE_FK_KEY	NULL	NUMBER	
SUB_INVENTORY_FK_KEY	NULL	NUMBER	
TASK_FK_KEY	NULL	NUMBER	
OFFER_ACTL_FK_KEY	NULL	NUMBER	
LIST_VENDOR_FK_KEY	NULL	NUMBER	
MARKET_SEGMENT_FK_KEY	NULL	NUMBER	
CELL_INIT_FK_KEY	NULL	NUMBER	
EVENT_OFFER_INIT_FK_KEY	NULL	NUMBER	
RMA_VALUE_T	NULL	NUMBER	
RMA_VALUE_G	NULL	NUMBER	
PROMISE_LEAD_TIME	NULL	NUMBER	
PROM_EARLY_COUNT	NULL	NUMBER	
PROM_LATE_COUNT	NULL	NUMBER	
PROM_EARLY_VAL_G	NULL	NUMBER	
PROM_LATE_VAL_G	NULL	NUMBER	
REQUEST_LEAD_TIME	NULL	NUMBER	
RMA_QTY_B	NULL	NUMBER	

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Column Descriptions (Continued)

Name	Null?	Type	Description
SHIPPED_QTY_B	NULL	NUMBER	
REQ_EARLY_COUNT	NULL	NUMBER	
REQ_LATE_COUNT	NULL	NUMBER	
REQ_EARLY_VAL_G	NULL	NUMBER	
REQ_LATE_VAL_G	NULL	NUMBER	
COGS_G	NULL	NUMBER	
COGS_T	NULL	NUMBER	
ICAP_QTY_B	NULL	NUMBER	
ORDER_LEAD_TIME	NULL	NUMBER	
ACCOUNT	NULL	NUMBER	
COST_ELEMENT	NULL	NUMBER	
ORDER_NUMBER	NULL	NUMBER	
INSTANCE_FK_KEY	NULL	NUMBER	
USER_FK1_KEY	NULL	NUMBER	
USER_FK2_KEY	NULL	NUMBER	
USER_FK3_KEY	NULL	NUMBER	
USER_FK4_KEY	NULL	NUMBER	
USER_FK5_KEY	NULL	NUMBER	
USER_MEASURE1	NULL	NUMBER	
USER_MEASURE2	NULL	NUMBER	
USER_MEASURE3	NULL	NUMBER	
USER_MEASURE4	NULL	NUMBER	
USER_MEASURE5	NULL	NUMBER	
REQUEST_ID	NULL	NUMBER	
COGS_PK	NULL	VARCHAR2(120)	
ORDER_CATEGORY_FK	NULL	VARCHAR2(80)	
MONTH_BOOKED_FK	NULL	VARCHAR2(120)	
TOP_MODEL_ITEM_FK	NULL	VARCHAR2(320)	
TRX_CURRENCY_FK	NULL	VARCHAR2(20)	
DATE_BOOKED_FK	NULL	VARCHAR2(120)	
DATE_PROMISED_FK	NULL	VARCHAR2(120)	
DATE_REQUESTED_FK	NULL	VARCHAR2(120)	
DATE_SCHEDULED_FK	NULL	VARCHAR2(120)	
DATE_SHIPPED_FK	NULL	VARCHAR2(120)	
TRX_DATE_FK	NULL	VARCHAR2(120)	
OPERATING_UNIT_FK	NULL	VARCHAR2(240)	
CAMPAIGN_INIT_FK	NULL	VARCHAR2(320)	
CAMPAIGN_ACTL_FK	NULL	VARCHAR2(320)	
MEDIA_INIT_FK	NULL	VARCHAR2(320)	
MEDIA_ACTL_FK	NULL	VARCHAR2(320)	
MEDIA_CHAN_INIT_FK	NULL	VARCHAR2(240)	
MEDIA_CHAN_ACTL_FK	NULL	VARCHAR2(240)	
OFFER_INIT_FK	NULL	VARCHAR2(320)	
OFFER_ACTL_FK	NULL	VARCHAR2(320)	
BASE_UOM_FK	NULL	VARCHAR2(80)	
BILL_TO_SITE_FK	NULL	VARCHAR2(320)	
INV_ORG_FK	NULL	VARCHAR2(320)	
CUSTOMER_FK	NULL	VARCHAR2(320)	
ITEM_ORG_FK	NULL	VARCHAR2(320)	
LOCATOR_FK	NULL	VARCHAR2(240)	
ORDER_TYPE_FK	NULL	VARCHAR2(80)	
PRIM_SALES_REP_FK	NULL	VARCHAR2(1000)	
SOURCE_LIST_FK	NULL	VARCHAR2(320)	
EVENT_OFFER_ACTL_FK	NULL	VARCHAR2(320)	

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROJECT_FK	NULL	VARCHAR2(80)	
SALES_CHANNEL_FK	NULL	VARCHAR2(240)	
SHIP_TO_SITE_FK	NULL	VARCHAR2(320)	
SUB_INVENTORY_FK	NULL	VARCHAR2(80)	
TASK_FK	NULL	VARCHAR2(120)	
TERRITORY_FK	NULL	VARCHAR2(240)	
LIST_VENDOR_FK	NULL	VARCHAR2(320)	
MARKET_SEGMENT_FK	NULL	VARCHAR2(240)	
CELL_INIT_FK	NULL	VARCHAR2(120)	
CELL_ACTL_FK	NULL	VARCHAR2(120)	
EVENT_OFFER_INIT_FK	NULL	VARCHAR2(320)	
LOT	NULL	VARCHAR2(40)	
REVISION	NULL	VARCHAR2(40)	
SERIAL_NUMBER	NULL	VARCHAR2(40)	
WAYBILL_NUMBER	NULL	VARCHAR2(40)	
INSTANCE_FK	NULL	VARCHAR2(40)	
USER_FK1	NULL	VARCHAR2(2000)	
USER_FK2	NULL	VARCHAR2(2000)	
USER_FK3	NULL	VARCHAR2(2000)	
USER_FK4	NULL	VARCHAR2(2000)	
USER_FK5	NULL	VARCHAR2(2000)	
USER_ATTRIBUTE1	NULL	VARCHAR2(240)	
USER_ATTRIBUTE2	NULL	VARCHAR2(240)	
USER_ATTRIBUTE3	NULL	VARCHAR2(240)	
USER_ATTRIBUTE4	NULL	VARCHAR2(240)	
USER_ATTRIBUTE5	NULL	VARCHAR2(240)	
USER_ATTRIBUTE6	NULL	VARCHAR2(240)	
USER_ATTRIBUTE7	NULL	VARCHAR2(240)	
USER_ATTRIBUTE8	NULL	VARCHAR2(240)	
USER_ATTRIBUTE9	NULL	VARCHAR2(240)	
USER_ATTRIBUTE10	NULL	VARCHAR2(240)	
USER_ATTRIBUTE11	NULL	VARCHAR2(240)	
USER_ATTRIBUTE12	NULL	VARCHAR2(240)	
USER_ATTRIBUTE13	NULL	VARCHAR2(240)	
USER_ATTRIBUTE14	NULL	VARCHAR2(240)	
USER_ATTRIBUTE15	NULL	VARCHAR2(240)	
ROW_ID	NULL	VARCHAR2(20)	
OPERATION_CODE	NULL	VARCHAR2(30)	
ERROR_CODE	NULL	VARCHAR2(2000)	
COLLECTION_STATUS	NULL	VARCHAR2(30)	
DELETION_DATE	NULL	DATE	
EDW_COLLECTION_DATE	NULL	DATE	

Indexes

Index Name	Index Type	Sequence	Column Name
EDW_CST_COGS_FSTG_U1	UNIQUE	1	COGS_PK

## EDW\_MTL\_UOM\_CLS\_CONV\_F

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	
CONVERSION_RATE	NULL	NUMBER	
USER_MEASURE1	NULL	NUMBER	
USER_MEASURE2	NULL	NUMBER	
USER_MEASURE3	NULL	NUMBER	
USER_MEASURE4	NULL	NUMBER	
USER_MEASURE5	NULL	NUMBER	
FROM_BASE_UOM_FK_KEY	NULL	NUMBER	
INSTANCE_FK_KEY	NULL	NUMBER	
TO_BASE_UOM_FK_KEY	NULL	NUMBER	
UOM_CLS_CONV_PK_KEY	NULL	NUMBER	
UOM_CLS_CONV_PK	NULL	VARCHAR2(120)	
USER_ATTRIBUTE1	NULL	VARCHAR2(240)	
USER_ATTRIBUTE2	NULL	VARCHAR2(240)	
USER_ATTRIBUTE3	NULL	VARCHAR2(240)	
USER_ATTRIBUTE4	NULL	VARCHAR2(240)	
USER_ATTRIBUTE5	NULL	VARCHAR2(240)	
USER_ATTRIBUTE6	NULL	VARCHAR2(240)	
USER_ATTRIBUTE7	NULL	VARCHAR2(240)	
USER_ATTRIBUTE8	NULL	VARCHAR2(240)	
USER_ATTRIBUTE9	NULL	VARCHAR2(240)	
USER_ATTRIBUTE10	NULL	VARCHAR2(240)	
USER_ATTRIBUTE11	NULL	VARCHAR2(240)	
USER_ATTRIBUTE12	NULL	VARCHAR2(240)	
USER_ATTRIBUTE13	NULL	VARCHAR2(240)	
USER_ATTRIBUTE14	NULL	VARCHAR2(240)	
USER_ATTRIBUTE15	NULL	VARCHAR2(240)	
LAST_UPDATE_DATE	NULL	DATE	
CREATION_DATE	NULL	DATE	

### Indexes

Index Name	Index Type	Sequence	Column Name
EDW_MTL_UOM_CLS_CONV_F_N1	NOT UNIQUE	1	FROM_BASE_UOM_FK_KEY
EDW_MTL_UOM_CLS_CONV_F_N2	NOT UNIQUE	1	INSTANCE_FK_KEY
EDW_MTL_UOM_CLS_CONV_F_N3	NOT UNIQUE	1	TO_BASE_UOM_FK_KEY
EDW_MTL_UOM_CLS_CONV_F_U1	UNIQUE	1	UOM_CLS_CONV_PK

# EDW\_MTL\_UOM\_CLS\_CONV\_FSTG

## Column Descriptions

Name	Null?	Type	Description
FROM_BASE_UOM_FK_KEY	NULL	NUMBER	
TO_BASE_UOM_FK_KEY	NULL	NUMBER	
INVENTORY_ITEM_ID	NULL	NUMBER	
CONVERSION_RATE	NULL	NUMBER	
INSTANCE_FK_KEY	NULL	NUMBER	
USER_FK1_KEY	NULL	NUMBER	
USER_FK2_KEY	NULL	NUMBER	
USER_FK3_KEY	NULL	NUMBER	
USER_FK4_KEY	NULL	NUMBER	
USER_FK5_KEY	NULL	NUMBER	
USER_MEASURE1	NULL	NUMBER	
USER_MEASURE2	NULL	NUMBER	
USER_MEASURE3	NULL	NUMBER	
USER_MEASURE4	NULL	NUMBER	
USER_MEASURE5	NULL	NUMBER	
REQUEST_ID	NULL	NUMBER	
UOM_CLS_CONV_PK	NULL	VARCHAR2(120)	
EDW_FROM_BASE_UOM_FK	NULL	VARCHAR2(20)	
EDW_TO_BASE_UOM_FK	NULL	VARCHAR2(20)	
INSTANCE_FK	NULL	VARCHAR2(40)	
USER_FK1	NULL	VARCHAR2(2000)	
USER_FK2	NULL	VARCHAR2(2000)	
USER_FK3	NULL	VARCHAR2(2000)	
USER_FK4	NULL	VARCHAR2(2000)	
USER_FK5	NULL	VARCHAR2(2000)	
USER_ATTRIBUTE1	NULL	VARCHAR2(240)	
USER_ATTRIBUTE2	NULL	VARCHAR2(240)	
USER_ATTRIBUTE3	NULL	VARCHAR2(240)	
USER_ATTRIBUTE4	NULL	VARCHAR2(240)	
USER_ATTRIBUTE5	NULL	VARCHAR2(240)	
USER_ATTRIBUTE6	NULL	VARCHAR2(240)	
USER_ATTRIBUTE7	NULL	VARCHAR2(240)	
USER_ATTRIBUTE8	NULL	VARCHAR2(240)	
USER_ATTRIBUTE9	NULL	VARCHAR2(240)	
USER_ATTRIBUTE10	NULL	VARCHAR2(240)	
USER_ATTRIBUTE11	NULL	VARCHAR2(240)	
USER_ATTRIBUTE12	NULL	VARCHAR2(240)	
USER_ATTRIBUTE13	NULL	VARCHAR2(240)	
USER_ATTRIBUTE14	NULL	VARCHAR2(240)	
USER_ATTRIBUTE15	NULL	VARCHAR2(240)	
ROW_ID	NULL	VARCHAR2(20)	
OPERATION_CODE	NULL	VARCHAR2(30)	
ERROR_CODE	NULL	VARCHAR2(2000)	
COLLECTION_STATUS	NULL	VARCHAR2(30)	
DELETION_DATE	NULL	DATE	
EDW_COLLECTION_DATE	NULL	DATE	

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*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
EDW_MTL_UOM_CLS_CONV_FSTG_N1	NOT UNIQUE	1	UOM_CLS_CONV_PK

# EDW\_MTL\_UOM\_CONV\_F

## Column Descriptions

Name	Null?	Type	Description
UOM_CONV_PK_KEY	NULL	NUMBER	
INVENTORY_ITEM_ID	NULL	NUMBER	
CONVERSION_RATE	NULL	NUMBER	
USER_MEASURE1	NULL	NUMBER	
USER_MEASURE2	NULL	NUMBER	
USER_MEASURE3	NULL	NUMBER	
USER_MEASURE4	NULL	NUMBER	
USER_MEASURE5	NULL	NUMBER	
UOM_FK_KEY	NULL	NUMBER	
INSTANCE_FK_KEY	NULL	NUMBER	
BASE_UOM_FK_KEY	NULL	NUMBER	
UOM_CONV_PK	NULL	VARCHAR2(120)	
UOM	NULL	VARCHAR2(20)	
BASE_UOM	NULL	VARCHAR2(20)	
USER_ATTRIBUTE1	NULL	VARCHAR2(240)	
USER_ATTRIBUTE2	NULL	VARCHAR2(240)	
USER_ATTRIBUTE3	NULL	VARCHAR2(240)	
USER_ATTRIBUTE4	NULL	VARCHAR2(240)	
USER_ATTRIBUTE5	NULL	VARCHAR2(240)	
USER_ATTRIBUTE6	NULL	VARCHAR2(240)	
USER_ATTRIBUTE7	NULL	VARCHAR2(240)	
USER_ATTRIBUTE8	NULL	VARCHAR2(240)	
USER_ATTRIBUTE9	NULL	VARCHAR2(240)	
USER_ATTRIBUTE10	NULL	VARCHAR2(240)	
USER_ATTRIBUTE11	NULL	VARCHAR2(240)	
USER_ATTRIBUTE12	NULL	VARCHAR2(240)	
USER_ATTRIBUTE13	NULL	VARCHAR2(240)	
USER_ATTRIBUTE14	NULL	VARCHAR2(240)	
USER_ATTRIBUTE15	NULL	VARCHAR2(240)	
LAST_UPDATE_DATE	NULL	DATE	
CREATION_DATE	NULL	DATE	

## Indexes

Index Name	Index Type	Sequence	Column Name
EDW_MTL_UOM_CONV_F_N1	NOT UNIQUE	1	UOM_FK_KEY
EDW_MTL_UOM_CONV_F_N2	NOT UNIQUE	1	INSTANCE_FK_KEY
EDW_MTL_UOM_CONV_F_N3	NOT UNIQUE	1	BASE_UOM_FK_KEY
EDW_MTL_UOM_CONV_F_U1	UNIQUE	1	UOM_CONV_PK

# EDW\_MTL\_UOM\_CONV\_FSTG

## Column Descriptions

Name	Null?	Type	Description
UOM_FK_KEY	NULL	NUMBER	
BASE_UOM_FK_KEY	NULL	NUMBER	
INVENTORY_ITEM_ID	NULL	NUMBER	
CONVERSION_RATE	NULL	NUMBER	
INSTANCE_FK_KEY	NULL	NUMBER	
USER_FK1_KEY	NULL	NUMBER	
USER_FK2_KEY	NULL	NUMBER	
USER_FK3_KEY	NULL	NUMBER	
USER_FK4_KEY	NULL	NUMBER	
USER_FK5_KEY	NULL	NUMBER	
USER_MEASURE1	NULL	NUMBER	
USER_MEASURE2	NULL	NUMBER	
USER_MEASURE3	NULL	NUMBER	
USER_MEASURE4	NULL	NUMBER	
USER_MEASURE5	NULL	NUMBER	
REQUEST_ID	NULL	NUMBER	
UOM_CONV_PK	NULL	VARCHAR2(120)	
EDW_UOM_FK	NULL	VARCHAR2(20)	
EDW_BASE_UOM_FK	NULL	VARCHAR2(20)	
UOM	NULL	VARCHAR2(20)	
BASE_UOM	NULL	VARCHAR2(20)	
INSTANCE_FK	NULL	VARCHAR2(40)	
USER_FK1	NULL	VARCHAR2(2000)	
USER_FK2	NULL	VARCHAR2(2000)	
USER_FK3	NULL	VARCHAR2(2000)	
USER_FK4	NULL	VARCHAR2(2000)	
USER_FK5	NULL	VARCHAR2(2000)	
USER_ATTRIBUTE1	NULL	VARCHAR2(240)	
USER_ATTRIBUTE2	NULL	VARCHAR2(240)	
USER_ATTRIBUTE3	NULL	VARCHAR2(240)	
USER_ATTRIBUTE4	NULL	VARCHAR2(240)	
USER_ATTRIBUTE5	NULL	VARCHAR2(240)	
USER_ATTRIBUTE6	NULL	VARCHAR2(240)	
USER_ATTRIBUTE7	NULL	VARCHAR2(240)	
USER_ATTRIBUTE8	NULL	VARCHAR2(240)	
USER_ATTRIBUTE9	NULL	VARCHAR2(240)	
USER_ATTRIBUTE10	NULL	VARCHAR2(240)	
USER_ATTRIBUTE11	NULL	VARCHAR2(240)	
USER_ATTRIBUTE12	NULL	VARCHAR2(240)	
USER_ATTRIBUTE13	NULL	VARCHAR2(240)	
USER_ATTRIBUTE14	NULL	VARCHAR2(240)	
USER_ATTRIBUTE15	NULL	VARCHAR2(240)	
ROW_ID	NULL	VARCHAR2(20)	
OPERATION_CODE	NULL	VARCHAR2(30)	
ERROR_CODE	NULL	VARCHAR2(2000)	
COLLECTION_STATUS	NULL	VARCHAR2(30)	
DELETION_DATE	NULL	DATE	
EDW_COLLECTION_DATE	NULL	DATE	

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*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
EDW_MTL_UOM_CONV_FSTG_N1	NOT UNIQUE	1	UOM_CONV_PK

## ENG\_ECN\_APPROVAL\_LISTS

ENG\_ECN\_APPROVAL\_LISTS stores header information about ECO Approval Lists. You can reference an approval list when defining an ECO.

### Column Descriptions

Name	Null?	Type	Description
APPROVAL_LIST_ID (PK)	NOT NULL	NUMBER	Approval list ID
APPROVAL_LIST_NAME	NOT NULL	VARCHAR2(10)	Approval list name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Description
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

### Indexes

Index Name	Index Type	Sequence	Column Name
ENG_ECN_APPROVAL_LISTS_U1	UNIQUE	1	APPROVAL_LIST_ID
ENG_ECN_APPROVAL_LISTS_U2	UNIQUE	1	APPROVAL_LIST_NAME

### Sequences

Sequence	Derived Column
ENG_ECN_APPROVAL_LISTS_S	APPROVAL_LIST_ID

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## ENG\_ENGINEERING\_CHANGES

ENG\_ENGINEERING\_CHANGES stores information about engineering change order headers. Each row includes the unique identifier of the ECO, the description, the change order type, the reason and priority codes, the status, the requestor, the approval list and approval status, the implementation costs, and any cancellation information.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ENG_CHANGE_ORDER_TYPES	CHANGE_ORDER_TYPE_ID	CHANGE_ORDER_TYPE_ID
ENG_CHANGE_PRIORITIES	ENG_CHANGE_PRIORITY_CODE	PRIORITY_CODE
	ORGANIZATION_ID	ORGANIZATION_ID
ENG_CHANGE_REASONS	ENG_CHANGE_REASON_CODE	REASON_CODE
	ORGANIZATION_ID	ORGANIZATION_ID
ENG_ECN_APPROVAL_LISTS	APPROVAL_LIST_ID	APPROVAL_LIST_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	RESPONSIBLE_ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
APPROVAL_STATUS_TYPE	ENG_ECN_APPROVAL_STATUS	MFG_LOOKUPS
	1	Not submitted for approval
	2	Ready to approve
	3	Approval requested
	4	Rejected
	5	Approved
	6	No approval needed
	7	Processing error
ENGINEERING_CHANGE_TYPE	ECG_ECN_CHANGE_TYPE	MFG_LOOKUPS
	1	Bill of material
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

### Column Descriptions

Name	Null?	Type	Description
CHANGE_NOTICE (PK)	NOT NULL	VARCHAR2(10)	Engineering change order number
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(2000)	Description

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Column Descriptions (Continued)

Name	Null?	Type	Description
STATUS_TYPE	NOT NULL	NUMBER	Engineering change order status
INITIATION_DATE	NOT NULL	DATE	Creation date of the ECO
IMPLEMENTATION_DATE	NULL	DATE	Implementation date of the entire ECO
CANCELLATION_DATE	NULL	DATE	Cancellation date of the entire ECO
CANCELLATION_COMMENTS	NULL	VARCHAR2(240)	Cancellation comments
PRIORITY_CODE	NULL	VARCHAR2(10)	Priority code
REASON_CODE	NULL	VARCHAR2(10)	Reason code
ESTIMATED_ENG_COST	NULL	NUMBER	Estimated engineering implementation cost
ESTIMATED_MFG_COST	NULL	NUMBER	Estimated manufacturing implementation cost
REQUESTOR_ID	NULL	NUMBER	Identifier of the employee who requested this ECO
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
APPROVAL_STATUS_TYPE	NULL	NUMBER	Approval status type code
APPROVAL_DATE	NULL	DATE	Date the ECO was approved
APPROVAL_LIST_ID	NULL	NUMBER	Identifier of the list of approvers for the ECO
CHANGE_ORDER_TYPE_ID	NOT NULL	NUMBER	Change order type id
RESPONSIBLE_ORGANIZATION_ID	NULL	NUMBER	ECO department identifier
APPROVAL_REQUEST_DATE	NULL	DATE	Date the approval status is changed to 'Approval requested'
DDF_CONTEXT	NULL	VARCHAR2(30)	Developer descriptive flexfield structure defining column
PROJECT_ID	NULL	NUMBER	Project Id for Project Manufacturing
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	Original system that data for the current record has come from
TASK_ID	NULL	NUMBER	Task Id for Project Manufacturing
HIERARCHY_FLAG	NULL	NUMBER	Hierarchy Flag
ORGANIZATION_HIERARCHY	NULL	VARCHAR2(30)	Hierarchy Name

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Indexes

Index Name	Index Type	Sequence	Column Name
ENG_ENGINEERING_CHANGES_U1	UNIQUE	1	ORGANIZATION_ID
		2	CHANGE_NOTICE

## ENG\_REVISSED\_ITEMS

ENG\_REVISSED\_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	ORGANIZATION_ID
	CHANGE_NOTICE	CHANGE_NOTICE
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	REVISED_ITEM_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	USE_UP_ITEM_ID
	ORGANIZATION_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
<i>Column Descriptions</i>			
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
FROM_WIP_ENTITY_ID	NULL	NUMBER	From WIP Entity Id
TO_WIP_ENTITY_ID	NULL	NUMBER	To WIP Entity Id
FROM_CUM_QTY	NULL	NUMBER	From CUM Qty
LOT_NUMBER	NULL	VARCHAR2(30)	Lot Number
CFM_ROUTING_FLAG	NULL	NUMBER	CFM Routing Flag
COMPLETION_SUBINVENTORY	NULL	VARCHAR2(10)	Completion Subinventory
COMPLETION_LOCATOR_ID	NULL	NUMBER	Completion Locator Id
MIXED_MODEL_MAP_FLAG	NULL	NUMBER	Mixed Model Map Flag
PRIORITY	NULL	NUMBER	Priority
CTP_FLAG	NULL	NUMBER	CTP Flag
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing Sequence Id
NEW_ROUTING_REVISION	NULL	VARCHAR2(3)	New Routing Revision
ROUTING_COMMENT	NULL	VARCHAR2(240)	Routing Comments
ECO_FOR_PRODUCTION	NULL	NUMBER	WIP Only ECO

## 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_N4	NOT UNIQUE	5	ORGANIZATION_ID
		5	NEW_ROUTING_REVISION
		5	FROM_END_ITEM_UNIT_NUMBER
		5	REVISED_ITEM_ID
		5	CHANGE_NOTICE
ENG_REVISED_ITEMS_N5	NOT UNIQUE	5	SCHEDULED_DATE
		5	ORGANIZATION_ID
		5	NEW_ITEM_REVISION
		5	FROM_END_ITEM_UNIT_NUMBER
		5	SCHEDULED_DATE
ENG_REVISED_ITEMS_U2	UNIQUE	5	CHANGE_NOTICE
		5	REVISED_ITEM_ID
		1	REVISED_ITEM_SEQUENCE_ID

## Sequences

Sequence	Derived Column
ENG_REVISED_ITEMS_S	REVISED_ITEM_SEQUENCE_ID

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## FA\_CATEGORIES\_B

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

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

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

### QuickCodes Columns

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

### Column Descriptions

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
OWNED_LEASED	NOT NULL	VARCHAR2(6)	Indicates whether the assets in this category are owned or leased
PRODUCTION_CAPACITY	NULL	NUMBER	Production capacity for assets that use a units of production depreciation method
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CATEGORY_TYPE	NOT NULL	VARCHAR2(30)	Indicates the category type Oracle Assets uses to classify assets in this asset category
CAPITALIZE_FLAG	NOT NULL	VARCHAR2(3)	YES if assets in this category are capitalized assets
SEGMENT1	NULL	VARCHAR2(30)	Asset category key flexfield segment column
SEGMENT2	NULL	VARCHAR2(30)	Asset category key flexfield segment column
SEGMENT3	NULL	VARCHAR2(30)	Asset category key flexfield segment column
SEGMENT4	NULL	VARCHAR2(30)	Asset category key flexfield segment column
SEGMENT5	NULL	VARCHAR2(30)	Asset category key flexfield segment column
SEGMENT6	NULL	VARCHAR2(30)	Asset category key flexfield segment column
SEGMENT7	NULL	VARCHAR2(30)	Asset category key flexfield segment column
START_DATE_ACTIVE	NULL	DATE	Date that you can begin using this asset category
END_DATE_ACTIVE	NULL	DATE	Last date you can add assets to this asset category
PROPERTY_TYPE_CODE	NULL	VARCHAR2(10)	Indicates the property type you assigned to an asset category
PROPERTY_1245_1250_CODE	NULL	VARCHAR2(4)	Indicates whether assets in this category are 1245 property class or 1250 property class
DATE_INEFFECTIVE	NULL	DATE	Not currently used
INVENTORIAL	NULL	VARCHAR2(3)	Indicates whether the asset should be included in physical inventory
CREATED_BY	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

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

Indexes

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

Sequences

Sequence	Derived Column
FA_CATEGORIES_B_S	CATEGORY_ID

## FA\_SYSTEM\_CONTROLS

FA\_SYSTEM\_CONTROLS stores system-wide controls that affect all your assets. This table consists of a single row.

LAST\_MASS\_ADDITIONS identifies the most recent concurrent request for the mass additions create process.

LAST\_MASS\_ADDITIONS\_POST identifies the most recent concurrent request for the mass additions post process.

### Column Descriptions

Name	Null?	Type	Description
COMPANY_NAME (PK)	NOT NULL	VARCHAR2(30)	Identifies the name of your company that will appear on all Oracle Assets reports
DATE_PLACED_IN_SERVICE	NOT NULL	DATE	Earliest allowed date placed in service
INITIAL_ASSET_ID	NOT NULL	NUMBER(15)	Asset identification number at which Oracle Assets begins automatic asset numbering
GL_APPLICATION_ID	NOT NULL	NUMBER(15)	Application identification number for general ledger
FA_APPLICATION_ID	NOT NULL	NUMBER(15)	Application identification number for Oracle Assets
LOCATION_FLEX_STRUCTURE	NOT NULL	NUMBER(15)	Structure used for location flexfield
CATEGORY_FLEX_STRUCTURE	NOT NULL	NUMBER(15)	Structure used for the asset category flexfield
ASSET_KEY_FLEX_STRUCTURE	NOT NULL	NUMBER(15)	Structure used for the asset key flexfield
CREATED_BY	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_MASS_ADDITIONS	NULL	NUMBER(15)	Identifies the most recent concurrent request for the mass additions create process
LAST_MASS_ADDITIONS_POST	NULL	NUMBER(15)	Identifies the most recent concurrent request for the mass addition post process
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

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*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
ATTRIBUTE_CATEGORY_CODE	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
GROUP_FLEX_STRUCTURE	NULL	NUMBER(15)	Reserved for system use. Do not use.
SUPER_GROUP_FLEX_STRUCTURE	NULL	NUMBER(15)	Reserved for system use. Do not use.
CUA_INHERITANCE_FLAG	NULL	VARCHAR2(3)	Reserved for system use. Do not use.

## 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_CODE_COMBINATIONS	CODE_COMBINATION_ID	EXPENSE_CLEARING_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

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*QuickCodes Columns (Continued)*

Column	QuickCodes Type	QuickCodes Table
USER_DEFINED_VENDOR_NUM_CODE	VENDOR NUMBER ENTRY	AP_LOOKUP_CODES
	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

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Column Descriptions (Continued)

Name	Null?	Type	Description
DISC_TAKEN_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for the discount taken account
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
EXPENSE_CLEARING_CCID	NULL	NUMBER(15)	

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# FND\_COMMON\_LOOKUPS

FND\_COMMON\_LOOKUPS is a view of selected columns from the tables FND\_LOOKUP\_TYPES and FND\_LOOKUP\_VALUES, which store information about QuickCodes. This view contains information on all of the QuickCodes that were defined in the FND\_COMMON\_LOOKUPS table in Release 11, and is provided for backward compatibility.

View Definition

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

Column Descriptions

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

Column Descriptions (Continued)

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

## 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

# FND\_DUAL

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

Column Descriptions

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



## GL\_CODE\_COMBINATIONS

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

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

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

### Foreign Keys

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

### QuickCodes Columns

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

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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
IGI_BALANCED_BUDGET_FLAG	NULL	VARCHAR2(1)	Balance budget enforcement 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

# GL\_DAILY\_CONVERSION\_TYPES

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

Column Descriptions

Name	Null?	Type	Description
CONVERSION_TYPE (PK)	NOT NULL	VARCHAR2(30)	Conversion type name
USER_CONVERSION_TYPE	NOT NULL	VARCHAR2(30)	Conversion type user defined name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Conversion type description
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context

Indexes

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

Sequences

Sequence	Derived Column
GL_DAILY_CONVERSION_TYPES_S	CONVERSION_TYPE

## GL\_ENCUMBRANCE\_TYPES

GL\_ENCUMBRANCE\_TYPES stores information about encumbrance types, including their IDs and descriptions. This table corresponds to the Encumbrance Types form. This table has no foreign keys, other than the standard Who columns.

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
ENCUMBRANCE_TYPE_ID (PK)	NOT NULL	NUMBER(15)	Encumbrance type defining column
ENCUMBRANCE_TYPE	NOT NULL	VARCHAR2(30)	Encumbrance type name
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Encumbrance type enabled flag
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Encumbrance type description

### Indexes

Index Name	Index Type	Sequence	Column Name
GL_ENCUMBRANCE_TYPES_U1	UNIQUE	1	ENCUMBRANCE_TYPE_ID
GL_ENCUMBRANCE_TYPES_U2	UNIQUE	1	ENCUMBRANCE_TYPE

### Sequences

Sequence	Derived Column
GL_ENCUMBRANCE_TYPES_S	ENCUMBRANCE_TYPE_ID

## GL\_INTERFACE

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

### Foreign Keys

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

### QuickCodes Columns

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

### Column Descriptions

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

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Column Descriptions (Continued)

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
REFERENCE7	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE8	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE9	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE10	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE11	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE12	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE13	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE14	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE15	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE16	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE17	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE18	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE19	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE20	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE21	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE22	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE23	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE24	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE25	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE26	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE27	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE28	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE29	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE30	NULL	VARCHAR2(240)	Journal Import reference column
JE_BATCH_ID	NULL	NUMBER(15)	Journal entry batch defining column
PERIOD_NAME	NULL	VARCHAR2(15)	Accounting period
JE_HEADER_ID	NULL	NUMBER(15)	Journal entry header defining column
JE_LINE_NUM	NULL	NUMBER(15)	Journal entry line number
CHART_OF_ACCOUNTS_ID	NULL	NUMBER(15)	Key flexfield structure defining column
FUNCTIONAL_CURRENCY_CODE	NULL	VARCHAR2(15)	Accounting books base currency
CODE_COMBINATION_ID	NULL	NUMBER(15)	Key flexfield combination defining column
DATE_CREATED_IN_GL	NULL	DATE	Date Journal Import created batch
WARNING_CODE	NULL	VARCHAR2(4)	Not currently used
STATUS_DESCRIPTION	NULL	VARCHAR2(240)	Journal import status description
STAT_AMOUNT	NULL	NUMBER	Statistical amount
GROUP_ID	NULL	NUMBER(15)	Interface group defining column
REQUEST_ID	NULL	NUMBER(15)	Concurrent program request id
SUBLEDGER_DOC_SEQUENCE_ID	NULL	NUMBER	Sequential numbering sequence defining column
SUBLEDGER_DOC_SEQUENCE_VALUE	NULL	NUMBER	Sequential numbering sequence value
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment

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# Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context column
CONTEXT2	NULL	VARCHAR2(150)	Descriptive flexfield context column
INVOICE_DATE	NULL	DATE	Value added tax descriptive flexfield column
TAX_CODE	NULL	VARCHAR2(15)	Value added tax descriptive flexfield column
INVOICE_IDENTIFIER	NULL	VARCHAR2(20)	Value added tax descriptive flexfield column
INVOICE_AMOUNT	NULL	NUMBER	Value added tax descriptive flexfield column
CONTEXT3	NULL	VARCHAR2(150)	Descriptive flexfield context column
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	Government transaction code
DESCR_FLEX_ERROR_MESSAGE	NULL	VARCHAR2(240)	Descriptive flexfield error message
JGZZ_RECON_REF	NULL	VARCHAR2(240)	Global reconciliation reference
GL_SL_LINK_ID	NULL	NUMBER	Link to associated subledger data
GL_SL_LINK_TABLE	NULL	VARCHAR2(30)	Table containing associated subledger data

## Indexes

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

## GL\_JE\_CATEGORIES\_TL

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

### Column Descriptions

Name	Null?	Type	Description
JE_CATEGORY_NAME (PK)	NOT NULL	VARCHAR2(25)	Journal entry category
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	Language
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language the text will mirror. If text is not yet translated into LANGUAGE then any changes to the text in the source language row will be reflected here as well.
USER_JE_CATEGORY_NAME	NOT NULL	VARCHAR2(25)	Journal entry category user defined name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Category description
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context column

### Indexes

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

### Sequences

Sequence	Derived Column
GL_JE_CATEGORIES_S	JE_CATEGORY_NAME

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## GL\_JE\_SOURCES\_TL

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

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
JE_SOURCE_NAME (PK)	NOT NULL	VARCHAR2(25)	Journal entry source name
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	Language
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language the text will mirror. If text is not yet translated into LANGUAGE then any changes to the text in the source language row will be reflected here as well.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
OVERRIDE_EDITS_FLAG	NOT NULL	VARCHAR2(1)	Frozen source
USER_JE_SOURCE_NAME	NOT NULL	VARCHAR2(25)	Journal entry source user defined name
JOURNAL_REFERENCE_FLAG	NOT NULL	VARCHAR2(1)	Populate GL_IMPORT_REFERENCES with reference information from subledger
JOURNAL_APPROVAL_FLAG	NOT NULL	VARCHAR2(1)	Journal approval flag
EFFECTIVE_DATE_RULE_CODE	NOT NULL	VARCHAR2(1)	Non-business day rule (Roll Date, Leave Alone, or Fail)
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Journal entry source description
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context column

### Indexes

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

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*Indexes (Continued)*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
GL_JE_SOURCES_TL_U2	UNIQUE	1	USER_JE_SOURCE_NAME
		2	LANGUAGE

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
GL_JE_SOURCES_S	JE_SOURCE_NAME

## GL\_PERIODS

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

### Foreign Keys

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

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
PERIOD_SET_NAME (PK)	NOT NULL	VARCHAR2(15)	Accounting calendar name
PERIOD_NAME (PK)	NOT NULL	VARCHAR2(15)	System generated accounting period name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
START_DATE	NOT NULL	DATE	Date on which accounting period begins
END_DATE	NOT NULL	DATE	Date on which accounting period ends
YEAR_START_DATE	NULL	DATE	Date on which the year containing this accounting period starts
QUARTER_START_DATE	NULL	DATE	Date on which the quarter containing this accounting period starts
PERIOD_TYPE	NOT NULL	VARCHAR2(15)	Accounting period type
PERIOD_YEAR	NOT NULL	NUMBER(15)	Accounting period year
PERIOD_NUM	NOT NULL	NUMBER(15)	Accounting period number
QUARTER_NUM	NOT NULL	NUMBER(15)	Quarter number of accounting period
ENTERED_PERIOD_NAME	NOT NULL	VARCHAR2(15)	User entered accounting period name
ADJUSTMENT_PERIOD_FLAG	NOT NULL	VARCHAR2(1)	Calendar period adjustment status
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Accounting period description
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment

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# Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context column

## Indexes

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



## GL\_PERIOD\_SETS

GL\_PERIOD\_SETS stores the calendars you define using the Accounting Calendar form. Each row includes the name and description of your calendar. There is a one-to-many relationship between a row in this table and rows in the GL\_PERIODS table. This table has no foreign keys other than the standard Who columns.

### Column Descriptions

Name	Null?	Type	Description
PERIOD_SET_NAME (PK)	NOT NULL	VARCHAR2(15)	Accounting calendar name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Accounting calendar description
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context column

### Indexes

Index Name	Index Type	Sequence	Column Name
GL_PERIOD_SETS_U1	UNIQUE	1	PERIOD_SET_NAME

## 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 N Y	GL_LOOKUPS No Yes
CONSOLIDATION_SOB_FLAG	YES/NO N Y	GL_LOOKUPS No Yes
ENABLE_AUTOMATIC_TAX_FLAG	YES/NO N Y	GL_LOOKUPS No Yes
ENABLE_AVERAGE_BALANCES_FLAG	YES/NO N Y	GL_LOOKUPS No Yes
ENABLE_BUDGETARY_CONTROL_FLAG	YES/NO N Y	GL_LOOKUPS No Yes
ENABLE_JE_APPROVAL_FLAG	YES/NO N Y	GL_LOOKUPS No Yes
REQUIRE_BUDGET_JOURNALS_FLAG	YES/NO N Y	GL_LOOKUPS No Yes
SUSPENSE_ALLOWED_FLAG	YES/NO N Y	GL_LOOKUPS No Yes
TRACK_ROUNDING_IMBALANCE_FLAG	YES/NO N Y	GL_LOOKUPS No 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

## HR\_ALL\_ORGANIZATION\_UNITS

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

### Foreign Keys

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

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER(15)	System-generated primary key column.
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.
COST_ALLOCATION_KEYFLEX_ID	NULL	NUMBER(9)	Foreign key to PAY_COST_ALLOCATION_KEYFLEX.
LOCATION_ID	NULL	NUMBER(15)	Foreign key to HR_LOCATIONS. Default work site location for all assignments to this organization.
SOFT_CODING_KEYFLEX_ID	NULL	NUMBER(15)	Foreign key to HR_SOFT_CODING_KEYFLEX.
DATE_FROM	NOT NULL	DATE	Start date of the organization.
NAME	NOT NULL	VARCHAR2(60)	Name of the organization.
COMMENTS	NULL	LONG	General remark.
DATE_TO	NULL	DATE	End date of the organization.
INTERNAL_EXTERNAL_FLAG	NULL	VARCHAR2(30)	Identifies whether the organization is treated as an employment unit within the business group.
INTERNAL_ADDRESS_LINE	NULL	VARCHAR2(80)	Internal address line.
TYPE	NULL	VARCHAR2(30)	User-defined organization types, for example Region, Division, Department.
REQUEST_ID	NULL	NUMBER(15)	Standard Who column.
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who column.
PROGRAM_ID	NULL	NUMBER(15)	Standard Who column.
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column.
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield column.

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# Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield column.
LAST_UPDATE_DATE	NULL	DATE	Standard Who column.
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who column.
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.
OBJECT_VERSION_NUMBER	NULL	NUMBER(9)	

## Indexes

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

## Sequences

Sequence	Derived Column
HR_ORGANIZATION_UNITS_S	ORGANIZATION_ID

# HR\_LEGAL\_ENTITIES

HR\_LEGAL\_ENTITIES is a view based on HR\_ORGANIZATION\_UNITS and HR\_ORGANIZATION\_INFORMATION that returns generic information about a GRE/Legal entity. Legislation specific information is not returned by this view. HR\_TAX\_UNITS\_V returns US specific information about a GRE/legal entity.

View Definition

```
CREATE VIEW HR_LEGAL_ENTITIES
as SELECT
    O.BUSINESS_GROUP_ID
, O.ORGANIZATION_ID
, OTL.NAME
, O.DATE_FROM
, O.DATE_TO
, O3.ORG_INFORMATION1
, O3.ORG_INFORMATION2

FROM HR_ORG_UNITS_NO_JOIN O, HR_ALL_ORGANIZATION_UNITS_TL OTL, HR_ORGANIZATION_INFORMATION
O2,
HR_ORGANIZATION_INFORMATION O3 WHERE O.ORGANIZATION_ID =
O2.ORGANIZATION_ID AND O.ORGANIZATION_ID = O3.ORGANIZATION_ID (+)
AND O2.ORG_INFORMATION_CONTEXT || '' = 'CLASS' AND
O3.ORG_INFORMATION_CONTEXT (+) || '' = 'Legal Entity Accounting' AND
O2.ORG_INFORMATION1 = 'HR_LEGAL' AND O2.ORG_INFORMATION2 = 'Y' AND O.ORGANIZATION_ID =
OTL.ORGANIZATION_ID AND OTL.LANGUAGE = USERENV('LANG')
```

Column Descriptions

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



## HR\_LOCATIONS\_ALL

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

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
LOCATION_ID (PK)	NOT NULL	NUMBER(15)	System-generated primary key column.
LOCATION_CODE	NULL	VARCHAR2(20)	Location name.
BUSINESS_GROUP_ID	NULL	NUMBER(15)	Business Group ID associated with location.
DESCRIPTION	NULL	VARCHAR2(50)	Brief description of the location.
SHIP_TO_LOCATION_ID	NULL	NUMBER(15)	Ship-to location foreign key.
SHIP_TO_SITE_FLAG	NULL	VARCHAR2(30)	Indicates whether items can be shipped to this location.
RECEIVING_SITE_FLAG	NULL	VARCHAR2(30)	Indicates whether this location can be used as a receiving site.
BILL_TO_SITE_FLAG	NULL	VARCHAR2(30)	Indicates whether you can bill items to this location.
IN_ORGANIZATION_FLAG	NULL	VARCHAR2(30)	Indicates whether this location is an internal site.
OFFICE_SITE_FLAG	NULL	VARCHAR2(30)	Indicates whether this location can be used as an office site.
DESIGNATED_RECEIVER_ID	NULL	NUMBER(15)	Person foreign key - the contact person for this location.
INVENTORY_ORGANIZATION_ID	NULL	NUMBER(15)	Inventory organization foreign key.
TAX_NAME	NULL	VARCHAR2(15)	Default tax code for this location.
INACTIVE_DATE	NULL	DATE	Date after which this location is no longer valid.
STYLE	NULL	VARCHAR2(7)	Address style - foreign key to FND_TERRITORIES.
ADDRESS_LINE_1	NULL	VARCHAR2(60)	1st line of location address.

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Column Descriptions (Continued)

Name	Null?	Type	Description
ADDRESS_LINE_2	NULL	VARCHAR2(60)	2nd line of location address.
ADDRESS_LINE_3	NULL	VARCHAR2(60)	3rd line of location address.
TOWN_OR_CITY	NULL	VARCHAR2(30)	Town or city.
COUNTRY	NULL	VARCHAR2(60)	Country.
POSTAL_CODE	NULL	VARCHAR2(30)	Postal code.
REGION_1	NULL	VARCHAR2(70)	County (US, UK); Province (CA).
REGION_2	NULL	VARCHAR2(70)	State (US); Province of work (CA).
REGION_3	NULL	VARCHAR2(70)	Additional address segment - not used by seeded address structures.
TELEPHONE_NUMBER_1	NULL	VARCHAR2(60)	Telephone number.
TELEPHONE_NUMBER_2	NULL	VARCHAR2(60)	Telephone number.
TELEPHONE_NUMBER_3	NULL	VARCHAR2(60)	Telephone number.
LOC_INFORMATION13	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
LOC_INFORMATION14	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
LOC_INFORMATION15	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
LOC_INFORMATION16	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
LOC_INFORMATION17	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
LOC_INFORMATION18	NULL	VARCHAR2(150)	
LOC_INFORMATION19	NULL	VARCHAR2(150)	
LOC_INFORMATION20	NULL	VARCHAR2(150)	
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column.
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield column.
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Global descriptive flexfield structure defining column
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column

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## Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield column
LAST_UPDATE_DATE	NULL	DATE	Standard Who column.
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who column.
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.
ENTERED_BY	NOT NULL	NUMBER(15)	Applications user who created this location; same as CREATED_BY.
TP_HEADER_ID	NULL	NUMBER	Unsupported in Oracle Human Resources. Used by Oracle EDI Gateway.
ECE_TP_LOCATION_CODE	NULL	VARCHAR2(35)	Unsupported in Oracle Human Resources. Used by Oracle EDI Gateway.
OBJECT_VERSION_NUMBER	NULL	NUMBER(9)	System-generated version of row. Increments by one with each update.

## Indexes

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

## Sequences

Sequence	Derived Column
HR_LOCATIONS_S	LOCATION_ID

## Database Triggers

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

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

## HR\_ORGANIZATION\_INFORMATION

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

### Foreign Keys

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

### Column Descriptions

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

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# Column Descriptions (Continued)

Name	Null?	Type	Description
ORG_INFORMATION3	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION4	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION5	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION6	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION7	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION8	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION9	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
REQUEST_ID	NULL	NUMBER(15)	Standard Who column.
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who column.
PROGRAM_ID	NULL	NUMBER(15)	Standard Who column.
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column.
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield column.
LAST_UPDATE_DATE	NULL	DATE	Standard Who column.
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who column.
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.
OBJECT_VERSION_NUMBER	NULL	NUMBER(9)	

## Indexes

Index Name	Index Type	Sequence	Column Name
HR_ORGANIZATION_INFORMATIO_FK1	NOT UNIQUE	1	ORG_INFORMATION_CONTEXT
HR_ORGANIZATION_INFORMATIO_FK2	NOT UNIQUE	1	ORGANIZATION_ID
HR_ORGANIZATION_INFORMATIO_IX1	NOT UNIQUE	5	ORG_INFORMATION1
HR_ORGANIZATION_INFORMATIO_PK	UNIQUE	1	ORG_INFORMATION_ID

### Sequences

Sequence	Derived Column
HR_ORGANIZATION_INFORMATION_S	ORG_INFORMATION_ID

### Database Triggers

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

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

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

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

# 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\_FORECAST\_DATES

MRP\_FORECAST\_DATES stores the forecast entries for items in a forecast. Each row represents a forecasted quantity or forecasted rate for an item on a given date.

The CURRENT\_FORECAST\_QUANTITY stores the current quantity of the forecast, including forecast consumptions. The ORIGINAL\_FORECAST\_QUANTITY stores the quantity of the forecast before any consumption has taken place. The difference between the CURRENT\_FORECAST\_QUANTITY and ORIGINAL\_FORECAST\_QUANTITY columns should be equal to the sum of the corresponding entries in MRP\_FORECAST\_UPDATES.

A forecast entry may represent a forecast for a day, week or period, depending on the value of BUCKET\_TYPE. The value of FORECAST\_DATE must be a valid workday, week start date or period start date if the value of BUCKET\_TYPE is Daily, Weekly, or Periodic, respectively. A forecast entry may be a single bucket entry or a multiple bucket entry. If RATE\_END\_DATE is NULL, then the entry is considered a single bucket entry, and represents a forecast for the specific date represented in FORECAST\_DATE. An entry with a RATE\_END\_DATE represents a forecast for the forecast quantity for each day, week or period between the FORECAST\_DATE and the RATE\_END\_DATE. Like FORECAST\_DATE, the value of RATE\_END\_DATE must be a valid workday, week start date or period start date if the value of BUCKET\_TYPE is Daily, Weekly, or Periodic, respectively.

Each forecast entry may be forecasted to varying degrees of granularity: by item (INVENTORY\_ITEM\_ID), by customer (CUSTOMER\_ID), by customer bill to (BILL\_ID) and customer ship to addresses (SHIP\_ID). These different degrees of granularity affect how the forecast is consumed. Likewise, you may divide your forecast by demand class.

Normally, demand class information and information regarding customer or customer billing/shipping addresses is carried at the forecast designator level, and stored in MRP\_FORECAST\_DESIGNATORS. However, each over-consumption record that is created includes that information as well.

END\_ITEM\_ID stores the end item from which the forecast was exploded. END\_PLANNING\_BOM\_PERCENT is the end usage from that exploded end item.

This table is populated by the Enter Forecast Entries form, by a forecast autoloading, from a forecast import, or from Inventory forecasting methods (Focus forecasting & Statistical Forecasting). ORIENTATION\_TYPE

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indicates how the entry was created. If the entries were derived from a forecast autoloading, the column SOURCE\_FORECAST\_DESIGNATOR and SOURCE\_ORGANIZATION\_ID will hold the source forecast and source organization that generated the entry. If the entries were created from an import from an outside system, SOURCE\_CODE and SOURCE\_LINE\_ID may optionally be populated to provide information on how and where the entries were generated from. If the entries were created from Inventory forecasting, the columns FORECAST\_TREND, FOCUS\_TYPE and FORECAST\_MAD may be populated.

Oracle Inventory supports two forecasting methods: statistical and focus forecasting. Moreover, there are five models from which the focus forecasting routine automatically picks the model that performed best for the last period. FORECAST\_RULE\_ID identifies the rule that is used to generate this forecast result record.

DEMAND\_USAGE\_START\_DATE represents the period start date in the MTL\_DEMAND\_HISTORIES table, from this date forward the actual demands are used to generate the forecasted results by forecasting processes. FORECAST\_TREND denotes the forecast trend, if any, that is calculated by the statistical forecast process. FOCUS\_TYPE denotes which model is used in the focus forecasting process to generate the forecasted result. Although the focus types are the same for different period types, the meanings are different. The meanings of the model type varies from a period type (such as bucket type) to another period type. The lookup types MTL\_FOCUS\_CALENDAR, MTL\_FOCUS\_WEEK, and MTL\_FOCUS\_DAY are used for the focus type in focus forecasting for calendar, weekly and daily period types respectively.

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MRP_FORECAST_DESIGNATORS	FORECAST_DESIGNATOR ORGANIZATION_ID	SOURCE_FORECAST_DESIGNATOR SOURCE_ORGANIZATION_ID
MRP_FORECAST_ITEMS	INVENTORY_ITEM_ID ORGANIZATION_ID FORECAST_DESIGNATOR	INVENTORY_ITEM_ID ORGANIZATION_ID FORECAST_DESIGNATOR
MRP_FORECAST_ITEMS	INVENTORY_ITEM_ID ORGANIZATION_ID FORECAST_DESIGNATOR	END_ITEM_ID ORGANIZATION_ID FORECAST_DESIGNATOR
MTL_FORECAST_RULES	FORECAST_RULE_ID	FORECAST_RULE_ID
WIP_LINES	LINE_ID	LINE_ID

#### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BUCKET_TYPE	MRP_BUCKET_TYPE 1 2 3	MFG_LOOKUPS Days Weeks Periods
DEMAND_CLASS	DEMAND_CLASS	FND_COMMON_LOOKUPS

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	DEMAND_CL1	Demand class 1
	DEMAND_CL2	Demand class 2
	DEMAND_CL3	Demand class 3
FOCUS_TYPE	MTL_FOCUS_CALENDAR	MFG_LOOKUPS
	0	Not enough past data
	1	Same period last year
	2	Last closed period
	3	Average of last two closed periods
	4	Last year trend
	5	This year trend
ORIGINATION_TYPE	MRP_FORECAST_ORIG	MFG_LOOKUPS
	1	Manual
	10	Overconsumption
	2	Copied forecast
	3	Outside load
	4	Focus forecasting
	5	Statistical forecasting
	8	Exploded

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
FORECAST_DESIGNATOR	NOT NULL	VARCHAR2(10)	Item forecast identifier
FORECAST_DATE	NOT NULL	DATE	Forecast date
ORIGINAL_FORECAST_QUANTITY	NOT NULL	NUMBER	Original forecast quantity
CURRENT_FORECAST_QUANTITY	NOT NULL	NUMBER	Current forecast quantity
CONFIDENCE_PERCENTAGE	NOT NULL	NUMBER	Forecast confidence percentage
BUCKET_TYPE	NOT NULL	NUMBER	Bucket type
RATE_END_DATE	NULL	DATE	Rate end date
ORIGINATION_TYPE	NOT NULL	NUMBER	Origination type
CUSTOMER_ID	NULL	NUMBER	Forecast customer identifier
SHIP_ID	NULL	NUMBER	Forecast ship code identifier
BILL_ID	NULL	NUMBER	Forecast billing address identifier
COMMENTS	NULL	VARCHAR2(240)	Forecast origination remarks
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Organization from which this row was loaded
SOURCE_FORECAST_DESIGNATOR	NULL	VARCHAR2(10)	Forecast designator from which this row was loaded
SOURCE_CODE	NULL	VARCHAR2(10)	Source code name of the program which loaded corresponding row in MRP_FORECAST_INTERFACE table
SOURCE_LINE_ID	NULL	NUMBER	Source code line number of the host program which loaded the corresponding row in MRP_FORECAST_INTERFACE table

# Column Descriptions (Continued)

Name	Null?	Type	Description
END_ITEM_ID	NULL	NUMBER	End item for entries exploded from another item
END_PLANNING_BOM_PERCENT	NULL	NUMBER	End planning percent for entries exploded from another item
FORECAST_RULE_ID	NULL	NUMBER	Forecast rule identifier
DEMAND_USAGE_START_DATE	NULL	DATE	Demand history compilation date
FORECAST_TREND	NULL	NUMBER	Forecast trend
FOCUS_TYPE	NULL	NUMBER	Focus type
FORECAST_MAD	NULL	NUMBER	Forecasting average
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
OLD_TRANSACTION_ID	NULL	NUMBER	Transaction id of source record
TO_UPDATE	NULL	NUMBER	Temporary place-holder to indicate if record should be updated at the end of the process
DDF_CONTEXT	NULL	VARCHAR2(30)	Descriptive flexfield context 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
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
LINE_ID	NULL	NUMBER(15)	Line identifier

## Indexes

Index Name	Index Type	Sequence	Column Name
MRP_FORECAST_DATES_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	FORECAST_DESIGNATOR
		3	INVENTORY_ITEM_ID
		4	FORECAST_DATE
MRP_FORECAST_DATES_N2	NOT UNIQUE	1	OLD_TRANSACTION_ID
MRP_FORECAST_DATES_N3	NOT UNIQUE	2	PROJECT_ID
		4	TASK_ID
MRP_FORECAST_DATES_N4	NOT UNIQUE	5	ORIGINATION_TYPE
MRP_FORECAST_DATES_U1	UNIQUE	1	TRANSACTION_ID

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Sequences

Sequence	Derived Column
MRP_FORECAST_DATES_S	TRANSACTION_ID

## MRP\_FORECAST\_DESIGNATORS

MRP\_FORECAST\_DESIGNATORS stores forecast names and forecast sets. A forecast name uniquely identifies an item forecast. A forecast set groups a number of forecasts.

The column FORECAST\_SET is a foreign key back to MRP\_FORECAST\_DESIGNATORS. It represents the forecast set to which a forecast name belongs. A forecast name must belong to one and only one forecast set. If FORECAST\_SET is null, then the row represents a forecast set. Therefore, a forecast set cannot belong to another forecast set.

Each forecast entry may be forecasted to varying degrees of granularity: by item, by customer (CUSTOMER\_ID), by customer bill to (BILL\_ID) and customer ship to addresses (SHIP\_ID). These different degrees of granularity affect how the forecast is consumed. Likewise, you may divide your forecast by demand class.

This table is populated by the Define Forecast Sets form.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MRP_FORECAST_DESIGNATORS	FORECAST_DESIGNATOR ORGANIZATION_ID	FORECAST_SET ORGANIZATION_ID
MRP_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BUCKET_TYPE	MRP_BUCKET_TYPE	MFG_LOOKUPS
	1	Days
	2	Weeks
	3	Periods
CONSUME_FORECAST	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
DEMAND_CLASS	DEMAND_CLASS	FND_COMMON_LOOKUPS
	DEMAND_CL1	Demand class 1
	DEMAND_CL2	Demand class 2
	DEMAND_CL3	Demand class 3
UPDATE_TYPE	MRP_UPDATE_TYPE	MFG_LOOKUPS
	2	Ship to
	3	Bill to
	4	Customer
	6	Item

### Column Descriptions

Name	Null?	Type	Description
FORECAST_DESIGNATOR (PK)	NOT NULL	VARCHAR2(10)	Item forecast identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization 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
DESCRIPTION	NULL	VARCHAR2(50)	Forecast designator code description
CONSUME_FORECAST	NOT NULL	NUMBER	Consume forecast flag
UPDATE_TYPE	NOT NULL	NUMBER	Forecast update type code
DISABLE_DATE	NULL	DATE	Forecast designator disable date
FORWARD_UPDATE_TIME_FENCE	NULL	NUMBER	Forward consumption days
BACKWARD_UPDATE_TIME_FENCE	NULL	NUMBER	Backward consumption days
OUTLIER_UPDATE_PERCENTAGE	NULL	NUMBER	Forecast outlier update percentage
FORECAST_SET	NULL	VARCHAR2(10)	Forecast set identifier
CUSTOMER_ID	NULL	NUMBER	Forecast customer identifier
SHIP_ID	NULL	NUMBER	Forecast ship code identifier
BILL_ID	NULL	NUMBER	Forecast billing address identifier
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class identifier
BUCKET_TYPE	NOT NULL	NUMBER	Forecast bucket type - days, weeks or periods
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
DDF_CONTEXT	NULL	VARCHAR2(30)	Dummy column used for developer descriptive flexfields
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
MRP_FORECAST_DESIGNATORS_U1	UNIQUE	1	ORGANIZATION_ID
		2	FORECAST_DESIGNATOR

## MRP\_FORECAST\_ITEMS

MRP\_FORECAST\_ITEMS stores the items that are entered on an item forecast. Each item that has entries in MRP\_FORECAST\_DATES for a given forecast designator will have exactly one row in MRP\_FORECAST\_ITEMS. This table is populated by the Enter Forecast Entries form.

ALTERNATE\_BOM\_DESIGNATOR stores the alternate bill of material designator code. This attribute can be entered for items with BOM item type set to Model, Option Class, or Planning. It can also be entered for items with Pick Components set to Yes. It will be used by the Forecast Load and Schedule Load programs to explode the forecast for the alternate bill of material to its components.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
FORECAST_DESIGNATOR (PK)	NOT NULL	VARCHAR2(10)	Item forecast 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
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
FORECAST_MAD	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_FORECAST_ITEMS_U1	UNIQUE	1	ORGANIZATION_ID
		2	FORECAST_DESIGNATOR
		3	INVENTORY_ITEM_ID

# MRP\_GROSS\_REQUIREMENTS

MRP\_GROSS\_REQUIREMENTS stores the projected gross requirements for a given item in an MPS, MRP or DRP plan.

USING\_ASSEMBLY\_ITEM\_ID stores the item that generated the gross requirement. For work orders, planned orders and repetitive schedules, that item will often be a using assembly. For independent demand, that item will be the same as the INVENTORY\_ITEM\_ID. For items with scrap, that item will also be the same as the INVENTORY\_ITEM\_ID.

USING\_ASSEMBLY\_DEMAND\_DATE stores the date of the demand, or in the case of rate-based demand, the start date of the demand and ASSEMBLY\_DEMAND\_COMP\_DATE stores the end date.

USING\_REQUIREMENTS\_QUANTITY stores the quantity of the demand for discrete demand. USING\_REQUIREMENTS\_QUANTITY also stores the scrap quantity of a work order, planned order, purchase order, repetitive schedule, or purchase requisition. For rate-based demand, DAILY\_DEMAND\_RATE stores the daily rate of demand and USING\_REQUIREMENTS\_QUANTITY stores the total demand. For rate-based demand, USING\_REQUIREMENTS\_QUANTITY will be equal to the number of work days between ASSEMBLY\_DEMAND\_COMP\_DATE and USING\_ASSEMBLY\_DEMAND\_DATE (inclusive) multiplied by DAILY\_DEMAND\_RATE.

ORIGINATION\_TYPE identifies the type of demand, and DISPOSITION\_ID identifies the specific entity that generated the demand. For discrete jobs, DISPOSITION\_ID will be a foreign key to MRP\_ITEM\_WIP\_ENTITIES. For nonstandard jobs, DISPOSITION\_ID will be a foreign key to MRP\_WIP\_COMPONENTS. For planned orders and recommended repetitive schedules, DISPOSITION\_ID will be a foreign key to MRP\_RECOMMENDATIONS. For independent demand (sales orders, forecasts, etc), DISPOSITION\_ID will be a foreign key to MRP\_SCHEDULE\_DATES. DISPOSITION\_ID will be a foreign key to MRP\_RECOMMENDATIONS for scrap on a planned orders, repetitive\_schedules, discrete jobs, purchase requisitions, or purchase orders.

This table is populated by the Planner.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MRP_ITEM_WIP_ENTITIES	WIP_ENTITY_ID	DISPOSITION_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	COMPILE_DESIGNATOR	COMPILE_DESIGNATOR
MRP_RECOMMENDATIONS	TRANSACTION_ID	DISPOSITION_ID
MRP_SCHEDULE_DATES	MPS_TRANSACTION_ID	DISPOSITION_ID

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### Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
MRP_SYSTEM_ITEMS	INVENTORY_ITEM_ID ORGANIZATION_ID COMPILE_DESIGNATOR	INVENTORY_ITEM_ID ORGANIZATION_ID COMPILE_DESIGNATOR
MRP_SYSTEM_ITEMS	INVENTORY_ITEM_ID COMPILE_DESIGNATOR ORGANIZATION_ID	USING_ASSEMBLY_ITEM_ID COMPILE_DESIGNATOR ORGANIZATION_ID
MRP_WIP_COMPONENTS	WIP_ENTITY_ID ORGANIZATION_ID COMPILE_DESIGNATOR	DISPOSITION_ID ORGANIZATION_ID COMPILE_DESIGNATOR

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEMAND_TYPE	MRP_REPETITIVE_DEMAND_TYPE 1 2	MFG_LOOKUPS Discrete demand Rate-based demand
ORIGINATION_TYPE	MRP_DEMAND_ORIGINATION 1 10 11 12 15 16 17 18 19 2 20 21 22 23 24 25 26 27 3 4 5 6 7 8 9	MFG_LOOKUPS Planned order Hard reservation MDS independent demand MPS compiled demand Copied schedule demand Planned order scrap Discrete job scrap Purchase order scrap Purchase requisition scrap Non-standard job PO in receiving scrap Repetitive schedule scrap Model/option class/product family demand Intransit shipment scrap Interorganization order Flow schedule Flow schedule scrap Payback demand Discrete job Repetitive schedule Expired lot Sales order MDS Forecast MDS Manual MDS Other independent demand

### Column Descriptions

Name	Null?	Type	Description
DEMAND_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		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

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# Column Descriptions (Continued)

Name	Null?	Type	Description
USING_ASSEMBLY_ITEM_ID	NOT NULL	NUMBER	Using assembly item identifier
USING_ASSEMBLY_DEMAND_DATE	NOT NULL	DATE	Using assembly demand date
USING_REQUIREMENTS_QUANTITY	NOT NULL	NUMBER	Assembly requirements quantity
ASSEMBLY_DEMAND_COMP_DATE	NULL	DATE	Using assembly completion date
DEMAND_TYPE	NOT NULL	NUMBER	Repetitive demand type
ORIGINATION_TYPE	NOT NULL	NUMBER	Origination type (to add domain)
DISPOSITION_ID	NULL	NUMBER	Disposition id
DAILY_DEMAND_RATE	NULL	NUMBER	Daily rate of demand for rate-based
REQUEST_ID	NULL	NUMBER	Concurrent Who column
RESERVE_QUANTITY	NULL	NUMBER	Reserved Quantity
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Not currently used
RESERVATION_ID	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
DEMAND_CLASS	NULL	VARCHAR2(30)	Not currently used
FIRM_QUANTITY	NULL	NUMBER	Not currently used
FIRM_DATE	NULL	DATE	Not currently used
OLD_DEMAND_QUANTITY	NULL	NUMBER	Not currently used
DEMAND_SCHEDULE_NAME	NULL	VARCHAR2(10)	Not currently used
OLD_DEMAND_DATE	NULL	DATE	Not currently used
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
PLANNING_GROUP	NULL	VARCHAR2(30)	Planning group
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Unit number
LENDING_PROJECT_ID	NULL	NUMBER	lending project id for Payback Demand
LENDING_TASK_ID	NULL	NUMBER	lending task id for Payback Demand

## Indexes

Index Name	Index Type	Sequence	Column Name
MRP_GROSS_REQUIREMENTS_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	COMPILE_DESIGNATOR
		3	INVENTORY_ITEM_ID
		4	USING_ASSEMBLY_ITEM_ID
		5	USING_ASSEMBLY_DEMAND_DATE
MRP_GROSS_REQUIREMENTS_N2	NOT UNIQUE	10	APPLIED
		20	COMPILE_DESIGNATOR
		30	ORGANIZATION_ID
MRP_GROSS_REQUIREMENTS_U1	UNIQUE	1	DEMAND_ID

## Sequences

Sequence	Derived Column
MRP_GROSS_REQUIREMENTS_S	DEMAND_ID

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## MRP\_PARAMETERS

MRP\_PARAMETERS stores information about how Oracle Master Scheduling/MRP should behave for a given organization. Each organization will have an entry in MRP\_PARAMETERS if it is using master scheduling or MRP.

MRP\_PARAMETERS is populated by the Define Planning Parameters form.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ABC_ASSIGNMENT_GROUPS	ASSIGNMENT_GROUP_ID	DEFAULT_ABC_ASSIGNMENT_GROUP
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CAPACITY_PLANNING_TYPE	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
DEFAULT_ORDER_TYPE	MRP_LOT_SIZING	MFG_LOOKUPS
	2	Lot for lot
DEMAND_TIME_FENCE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
OPERATION_SCHEDULE_TYPE	MRP_OPERATION	MFG_LOOKUPS
	1	Operation start date
	2	Order start date
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
PERIOD_TYPE	MRP_REP_PERIOD_TYPE	MFG_LOOKUPS
	1	Work dates
	2	Calendar dates
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

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*QuickCodes Columns (Continued)*

Column	QuickCodes Type	QuickCodes Table
REORDER_POINT_USAGE_TYPE	MRP_REORDER_POINT 2	MFG_LOOKUPS Time phased reorder points not in use
RESCHED_ASSUMPTION	SYS_YES_NO 1 2	MFG_LOOKUPS Yes No
SNAPSHOT_LOCK	SYS_YES_NO 1 2	MFG_LOOKUPS Yes No
TIME_FENCE_TYPE	SYS_YES_NO 1 2	MFG_LOOKUPS Yes No

*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		NUMBER	Standard Who column
DEMAND_TIME_FENCE_FLAG	NOT NULL	NUMBER	Consider demand time fences
PLANNING_TIME_FENCE_FLAG	NOT NULL	NUMBER	Consider planning time fences
OPERATION_SCHEDULE_TYPE	NOT NULL	NUMBER	Schedule planned order demand to the operation that requires it, or to the start date of the planned order?
REPETITIVE_HORIZON1	NOT NULL	NUMBER	First repetitive planning period horizon
REPETITIVE_HORIZON2	NOT NULL	NUMBER	Second repetitive planning period horizon
REPETITIVE_BUCKET_SIZE1	NOT NULL	NUMBER	First bucket size
REPETITIVE_BUCKET_SIZE2	NOT NULL	NUMBER	Second bucket size
REPETITIVE_BUCKET_SIZE3	NOT NULL	NUMBER	Third bucket size
REPETITIVE_ANCHOR_DATE	NOT NULL	DATE	Repetitive anchor date
CONSIDER_WIP	NOT NULL	NUMBER	Consider WIP
CONSIDER_PO	NOT NULL	NUMBER	Consider PO
SNAPSHOT_LOCK	NOT NULL	NUMBER	Flag to indicate whether the Snapshot should try to lock tables
PLAN_SAFETY_STOCK	NOT NULL	NUMBER	Plan safety stock
CONSIDER_RESERVATIONS	NOT NULL	NUMBER	Plan material reservations
PART_INCLUDE_TYPE	NOT NULL	NUMBER	Flag to indicate whether to include all parts or only master scheduled or WIP parts
DEFAULT_ABC_ASSIGNMENT_GROUP		NUMBER	Default ABC assignment group identifier
PERIOD_TYPE	NOT NULL	NUMBER	Calculate periods based on work dates or calendar dates
REQUEST_ID		NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID		NUMBER	Concurrent Who column
PROGRAM_ID		NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE		DATE	Concurrent Who column
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
RESCHED_ASSUMPTION	NULL	NUMBER	Not currently used
PLAN_DATE_DEFAULT_TYPE	NULL	NUMBER	Not currently used
INCLUDE_REP_SUPPLY_DAYS	NULL	NUMBER	Not currently used
INCLUDE_MDS_DAYS	NULL	NUMBER	Include MDS Days(Y/N)

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_PARAMETERS_U1	UNIQUE	1	ORGANIZATION_ID

## MRP\_PLANNING\_EXCEPTION\_SETS

MRP\_PLANNING\_EXCEPTION\_SETS stores a set of attributes that control how Oracle Master Scheduling/MRP calculates exception messages. A planning exception set is associated to one or more items. The planner will read an item's exception set values to determine what values to use to calculate the exception messages.

SHORTAGE\_TYPE, EXCESS\_TYPE, REP\_VARIANCE\_TYPE, and OVERPROMISED\_TYPE determine the period within which messages regarding shortages of inventory, excess inventory levels, variance between the suggested aggregate repetitive schedules and current aggregate repetitive schedules, and negative ATP values (respectively) are computed.

MRP\_PLANNING\_EXCEPTION\_SETS is populated by the Define Planning Exception Sets form and used by the Planner.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EXCESS_TYPE	MRP_EXCEPTION_TIME_PERIOD	MFG_LOOKUPS
	1	Planning time fence
	2	User-defined time fence
	3	Total lead time
	4	Cumulative total lead time
	5	Cumulative manufacturing lead time
	6	Do not report
OVERPROMISED_TYPE	MRP_EXCEPTION_TIME_PERIOD	MFG_LOOKUPS
	1	Planning time fence
	2	User-defined time fence
	3	Total lead time
	4	Cumulative total lead time
	5	Cumulative manufacturing lead time
	6	Do not report
REP_VARIANCE_TYPE	MRP_EXCEPTION_TIME_PERIOD	MFG_LOOKUPS
	1	Planning time fence
	2	User-defined time fence
	3	Total lead time
	4	Cumulative total lead time
	5	Cumulative manufacturing lead time
	6	Do not report
RESOURCE_EXCESS_TYPE	MRP_EXCEPTION_TIME_PERIOD	MFG_LOOKUPS
	1	Planning time fence
	2	User-defined time fence
	3	Total lead time
	4	Cumulative total lead time
	5	Cumulative manufacturing lead time
	6	Do not report

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
RESOURCE_SHORTAGE_TYPE	MRP_EXCEPTION_TIME_PERIOD	MFG_LOOKUPS
	1	Planning time fence
	2	User-defined time fence
	3	Total lead time
	4	Cumulative total lead time
	5	Cumulative manufacturing lead time
	6	Do not report
SHORTAGE_TYPE	MRP_EXCEPTION_TIME_PERIOD	MFG_LOOKUPS
	1	Planning time fence
	2	User-defined time fence
	3	Total lead time
	4	Cumulative total lead time
	5	Cumulative manufacturing lead time
	6	Do not report

Column Descriptions

Name	Null?	Type	Description
EXCEPTION_SET_NAME (PK)	NOT NULL	VARCHAR2(10)	Exception 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
EXCESS_QUANTITY	NOT NULL	NUMBER	Quantity above which planning will generate an exception message
USER_TIME_FENCE	NOT NULL	NUMBER	Number of days within which planning will generate an exception message
REPETITIVE_VARIANCE	NOT NULL	NUMBER	Cumulative variance between the suggested and current aggregate repetitive schedules above or below which planning will generate an exception message
SHORTAGE_TYPE	NOT NULL	NUMBER	Period of time within which to calculate material shortages
EXCESS_TYPE	NOT NULL	NUMBER	Period of time within which to calculate excess inventory
REP_VARIANCE_TYPE	NOT NULL	NUMBER	Period of time within which to calculate repetitive variance
OVERPROMISED_TYPE	NOT NULL	NUMBER	Period of time within which to calculate over-promised ATP
OVER_UTILIZED_PERCENT	NULL	NUMBER	Resource overutilization tolerance(%)
UNDER_UTILIZED_PERCENT	NULL	NUMBER	Resource underutilization tolerance(%)
RESOURCE_SHORTAGE_TYPE	NULL	NUMBER	Period of time within which to calculate resource underutilization
RESOURCE_EXCESS_TYPE	NULL	NUMBER	Period of time within which to calculate resource overutilization
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment

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*Column Descriptions (Continued)*

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

*Indexes*

Index Name	Index Type	Sequence	Column Name
MRP_PLANNING_EXCEPTION_SETS_U1	UNIQUE	1	EXCEPTION_SET_NAME
		2	ORGANIZATION_ID

## 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 1 2	MFG_LOOKUPS Yes No
CONSIDER_PO	SYS_YES_NO 1 2	MFG_LOOKUPS Yes No
CONSIDER_RESERVATIONS	SYS_YES_NO 1 2	MFG_LOOKUPS Yes No
CONSIDER_WIP	SYS_YES_NO 1 2	MFG_LOOKUPS Yes No
CURR_APPEND_PLANNED_ORDERS	SYS_YES_NO 1 2	MFG_LOOKUPS Yes No
CURR_CONSIDER_PO	SYS_YES_NO 1 2	MFG_LOOKUPS Yes No

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

## 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 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

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.

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
MRP_ITEM_WIP_ENTITIES	VENDOR_SITE_ID	SOURCE_VENDOR_SITE_ID
	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

# 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 everytime 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



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		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		NUMBER	Original quantity if already existed
NEW_ORDER_DATE	NOT NULL	DATE	Date to be relieved
OLD_ORDER_DATE		DATE	Original date if already existed
DISPOSITION_ID	NOT NULL	NUMBER	Disposition id
PLANNED_ORDER_ID		NUMBER	Planned order identifier
RELIEF_TYPE	NOT NULL	NUMBER	Relief type
DISPOSITION_TYPE	NOT NULL	NUMBER	Disposition type
DEMAND_CLASS		VARCHAR2(30)	Demand class identifier
OLD_DEMAND_CLASS		VARCHAR2(30)	Old demand class identifier
LINE_NUM		VARCHAR2(30)	Line number on po's and sales orders
REQUEST_ID		NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID		NUMBER	Concurrent Who column
PROGRAM_ID		NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE		DATE	Concurrent Who column
PROCESS_STATUS	NOT NULL	NUMBER	Identifies the stage of processing the row is in
SOURCE_CODE		VARCHAR2(10)	Source code of the application software which imported rows into the table
SOURCE_LINE_ID		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\_DATES

MRP\_SCHEDULE\_DATES stores the master demand and master production schedules. Each row represents a schedule entry for a given item for a given quantity on a given date.

Master demand schedules will only have entries with a SUPPLY\_DEMAND\_TYPE of "Demand". It will never have rows with a SUPPLY\_DEMAND\_TYPE of "Supply". Master production schedules will have entries with a SUPPLY\_DEMAND\_TYPE of "Supply". If a master production schedule is planned by the planning processes, then it may also have entries with a SUPPLY\_DEMAND\_TYPE of "Demand". These rows exist so that the planning processes can peg the source of the demand. Master production schedule entries with a SUPPLY\_DEMAND\_TYPE of "Demand" are for internal purposes only, and are never visible to the user.

Discretely planned items will always have discretely defined schedule entries. For discretely defined schedule entries, SCHEDULE\_DATE holds the date of the entries and SCHEDULE\_QUANTITY holds the quantity. RATE\_END\_DATE and REPETITIVE\_DAILY\_RATE will be NULL. Repetitively planned items will always have repetitively defined schedule entries. For repetitively defined schedule entries, SCHEDULE\_DATE holds the start date of the rate and RATE\_END\_DATE holds the end date. REPETITIVE\_DAILY\_RATE holds the daily rate. SCHEDULE\_QUANTITY will be NULL. SCHEDULE\_WORKDATE will be set equal to SCHEDULE\_DATE, unless SCHEDULE\_DATE is not a valid workday, in which case SCHEDULE\_WORKDATE will equal the previous valid workday.

RATE\_END\_DATE must always be a valid work date. SCHEDULE\_DATE must be a valid work date for repetitive entries, regardless of if it is for a master demand schedule or a master production schedule. SCHEDULE\_DATE must be a valid workday for discrete master production entries. SCHEDULE\_DATE may or may not be a valid work date for discrete master demand entries.

ORIGINAL\_SCHEDULE\_QUANTITY equals SCHEDULE\_QUANTITY when a schedule is first created. As a schedule is consumed, SCHEDULE\_QUANTITY will decrement while ORIGINAL\_SCHEDULE\_QUANTITY will remain the same. The difference between ORIGINAL\_SCHEDULE\_QUANTITY and SCHEDULE\_QUANTITY will always be the sum of the consumptions that have occurred for a given entry.

MRP\_SCHEDULE\_DATES can be loaded from several different sources. SCHEDULE\_ORIGINATION\_TYPE identifies the originating source.

FORECAST\_DESIGNATOR, FORECAST\_ID, SOURCE\_ORGANIZATION\_ID, SOURCE\_SCHEDULE\_DESIGNATOR, SOURCE\_SALES\_ORDER\_ID, RESERVATION\_ID, SOURCE\_CODE and SOURCE\_LINE identify the specific entity that generated the schedule entry. If the origination type indicates the order was generated by an item forecast load, the SOURCE\_ORGANIZATION\_ID, FORECAST\_DESIGNATOR and FORECAST\_ID will store the organization, forecast designator and specific forecast entry from which it was loaded. If the origination type indicates the order was generated by a sales order load, the SOURCE\_ORGANIZATION\_ID, SOURCE\_SALES\_ORDER\_ID and RESERVATION\_ID identify the organization, sales order and specific entry in MTL\_DEMAND from which the sales order was loaded. If the origination type indicates the order was generated by a schedule copy, the SOURCE\_ORGANIZATION\_ID and SOURCE\_SCHEDULE\_DESIGNATOR identify the organization and schedule name from which the entry was loaded. If the origination type indicates the order was generated by a schedule import, SOURCE\_CODE and SOURCE\_LINE may be populated to indicate where the rows came from. The SOURCE\_CODE and SOURCE\_LINE columns are user defined and optional.

Oracle Master Scheduling/MRP maintains several different versions of master schedules: Current, which reflects the current status of the master schedule, Last submitted to MPS/MRP, which is a snapshot of the schedule as it existed when the Planner was last run, and Original, which is a copy of each entry as it existed when it was first created. The original schedule version is only maintained if the profile "MRP:Maintain Original Schedule Version" is set to "Yes".

MRP\_SCHEDULE\_DATES is populated by the Enter Master Schedule Entries form and the MPS/MDS Schedule Autoload concurrent program.

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MRP_FORECAST_DATES	TRANSACTION_ID	FORECAST_ID
MRP_FORECAST_DESIGNATORS	FORECAST_DESIGNATOR ORGANIZATION_ID	SOURCE_FORECAST_DESIGNATOR ORGANIZATION_ID
MRP_RECOMMENDATIONS	TRANSACTION_ID	REFERENCE_SCHEDULE_ID
MRP_SCHEDULE_DESIGNATORS	SCHEDULE_DESIGNATOR ORGANIZATION_ID	SOURCE_SCHEDULE_DESIGNATOR SOURCE_ORGANIZATION_ID
MRP_SCHEDULE_ITEMS	INVENTORY_ITEM_ID ORGANIZATION_ID SCHEDULE_DESIGNATOR	INVENTORY_ITEM_ID ORGANIZATION_ID SCHEDULE_DESIGNATOR
MTL_SALES_ORDERS	SALES_ORDER_ID	SOURCE_SALES_ORDER_ID
WIP_LINES	LINE_ID	LINE_ID

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### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
SCHEDULE_LEVEL	MRP_SCHEDULE_LEVEL	MFG_LOOKUPS
	1	Original
	2	Current
	3	Last submitted to MPS/MRP
SCHEDULE_ORIGINATION_TYPE	MRP_SCHEDULE_ORIG	MFG_LOOKUPS
	1	Manual
	11	Interorganization planned order
	2	Forecast
	3	Sales order
	4	Copied schedule
	6	MPS plan
	7	Outside load
SUPPLY_DEMAND_TYPE	MRP_SUPPLY_DEMAND_TYPE	MFG_LOOKUPS
	1	Demand
	2	Supply

### Column Descriptions

Name	Null?	Type	Description
MPS_TRANSACTION_ID (PK)	NOT NULL	NUMBER	Unique identifier
SCHEDULE_LEVEL (PK)	NOT NULL	NUMBER	Master schedule level
SUPPLY_DEMAND_TYPE (PK)	NOT NULL	NUMBER	Entries represent supply or demand
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SCHEDULE_DESIGNATOR	NOT NULL	VARCHAR2(10)	Master schedule identifier
SCHEDULE_DATE	NOT NULL	DATE	Schedule date
SCHEDULE_WORKDATE	NOT NULL	DATE	Greatest workdate that is less than or equal to schedule date
RATE_END_DATE		DATE	End date for daily rate
SCHEDULE_QUANTITY		NUMBER	Schedule quantity
ORIGINAL_SCHEDULE_QUANTITY		NUMBER	Schedule quantity before consumptions
REPETITIVE_DAILY_RATE		NUMBER	Repetitive item daily rate
SCHEDULE_ORIGINATION_TYPE	NOT NULL	NUMBER	Schedule origination code
SOURCE_FORECAST_DESIGNATOR		VARCHAR2(10)	Item forecast identifier
REFERENCE_SCHEDULE_ID		NUMBER	Reference schedule change identifier
SCHEDULE_COMMENTS		VARCHAR2(240)	Schedule comments
SOURCE_ORGANIZATION_ID		NUMBER	Source organization_id
SOURCE_SCHEDULE_DESIGNATOR		VARCHAR2(10)	Source schedule designator
SOURCE_SALES_ORDER_ID		NUMBER	Source sales order
SOURCE_CODE		VARCHAR2(10)	Source code of relief entry
SOURCE_LINE_ID		NUMBER	Source line identifier
RESERVATION_ID		NUMBER	Reservation identifier
FORECAST_ID		NUMBER	Forecast identifier
REQUEST_ID		NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID		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
OLD_TRANSACTION_ID	NULL	NUMBER	Transaction id of source record
TO_UPDATE	NULL	NUMBER	Temporary place-holder to indicate if record should be updated at the end of the process
DDF_CONTEXT	NULL	VARCHAR2(30)	Dummy column used for developer descriptive flexfields
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
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
LINE_ID	NULL	NUMBER(15)	Line identifier
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_SCHEDULE_DATES_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	SCHEDULE_DESIGNATOR
		3	ORGANIZATION_ID
		4	SCHEDULE_LEVEL
		5	SCHEDULE_DATE
		6	SUPPLY_DEMAND_TYPE
MRP_SCHEDULE_DATES_N2	NOT UNIQUE	1	REFERENCE_SCHEDULE_ID
		2	SCHEDULE_LEVEL
		3	SUPPLY_DEMAND_TYPE
MRP_SCHEDULE_DATES_N3	NOT UNIQUE	1	SCHEDULE_DESIGNATOR
		2	ORGANIZATION_ID
		3	SCHEDULE_LEVEL
		4	SCHEDULE_ORIGINATION_TYPE
		5	SUPPLY_DEMAND_TYPE
MRP_SCHEDULE_DATES_N4	NOT UNIQUE	6	RESERVATION_ID
MRP_SCHEDULE_DATES_N5	NOT UNIQUE	1	OLD_TRANSACTION_ID
MRP_SCHEDULE_DATES_N6	NOT UNIQUE	2	PROJECT_ID
		4	TASK_ID
MRP_SCHEDULE_DATES_U1	UNIQUE	1	MPS_TRANSACTION_ID
		2	SCHEDULE_LEVEL
		3	SUPPLY_DEMAND_TYPE

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Sequences

Sequence	Derived Column
MRP_SCHEDULE_DATES_S	MPS_TRANSACTION_ID

## 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

## MRP\_SCHEDULE\_ITEMS

MRP\_SCHEDULE\_ITEMS stores the items that are members of a master schedule. Each item that has entries in MRP\_SCHEDULE\_DATES for a given schedule name will have exactly one row in MRP\_SCHEDULE\_ITEMS.

MPS\_EXPLOSION\_LEVEL holds the lowest level to which the Exploder should explode down the bill of material when planning a master production schedule. It defaults to the maximum bill of material levels as defined in Oracle Bills of Material, but may be set to a smaller value in order to improve performance of the Exploder.

This table is populated by the Enter Master Schedule Entries form.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MRP_SCHEDULE_DESIGNATORS	SCHEDULE_DESIGNATOR ORGANIZATION_ID	SCHEDULE_DESIGNATOR 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
SCHEDULE_DESIGNATOR (PK)	NOT NULL	VARCHAR2(10)	Master 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
MPS_EXPLOSION_LEVEL	NULL	NUMBER	MPS explosion level
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CAPACITY_MODEL_ID	NULL	NUMBER	Base model identifier of item

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_SCHEDULE_ITEMS_U1	UNIQUE	1	ORGANIZATION_ID
		2	SCHEDULE_DESIGNATOR
		3	INVENTORY_ITEM_ID

## MTL\_ABC\_ASSGN\_GROUP\_CLASSES

MTL\_ABC\_ASSGN\_GROUP\_CLASSES stores information about the ABC Classes that are assigned to an ABC Group. An ABC Class can be assigned to 1 or more ABC Groups, but may be used only once in each ABC Group.

In addition to membership information, this table contains the priority number of the ABC Class in the ABC Group, and compile breakpoint specifications such as item sequence number from the compile, percent of items, and percent of value that goes into this ABC Class/ABC Group combination.

Oracle Inventory uses this information for mass loading the items from a compile to the ABC Classes in an ABC Group.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ABC_ASSIGNMENT_GROUPS	ASSIGNMENT_GROUP_ID	ASSIGNMENT_GROUP_ID
MTL_ABC_CLASSES	ABC_CLASS_ID	ABC_CLASS_ID

### Column Descriptions

Name	Null?	Type	Description
ASSIGNMENT_GROUP_ID (PK)	NOT NULL	NUMBER	Assignment group identifier
ABC_CLASS_ID (PK)	NOT NULL	NUMBER	ABC class identifier
SEQUENCE_NUMBER	NOT NULL	NUMBER	Priority of the class assignment group
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
ITEM_SEQ_NUMBER	NULL	NUMBER	Sequence number of last item in this class within group.
PERCENT_OF_ITEMS	NULL	NUMBER	Percentage of the total number of assignment group items in this assignment group class
PERCENT_OF_VALUE	NULL	NUMBER	Percentage of the total inventory value in this assignment group class
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

*Indexes*

Index Name	Index Type	Sequence	Column Name
MTL_ABC_ASSGN_GROUP_CLASSES_U1	UNIQUE	1	ASSIGNMENT_GROUP_ID
		2	ABC_CLASS_ID

## MTL\_ABC\_ASSIGNMENTS

MTL\_ABC\_ASSIGNMENTS holds assignments of inventory items to ABC Classes and ABC Groups.

An item can belong to 1 or more ABC Classes, but not more than once in each ABC Group.

An ABC Class can belong to 1 or more ABC Groups, but not more than once in each ABC Group.

The Assign ABC Items window allows the user to specify for a given ABC Group, the range of items to assign to every single ABC Class in the ABC Group. The range of items is indicated as an absolute sequence number or value; or as a percent of item, or value. Then, a concurrent program (INCAAA) looks at this assignment information and at the items compiled for that group, and assigns items to their corresponding classes. This information is stored in the MTL\_ABC\_ASSIGNMENTS table.

Oracle Inventory uses this information to load the cycle count process.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ABC_ASSGN_GROUP_CLASSES	ASSIGNMENT_GROUP_ID ABC_CLASS_ID	ASSIGNMENT_GROUP_ID ABC_CLASS_ID
MTL_ABC_ASSIGNMENT_GROUPS	ASSIGNMENT_GROUP_ID	ASSIGNMENT_GROUP_ID
MTL_ABC_CLASSES	ABC_CLASS_ID	ABC_CLASS_ID

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ASSIGNMENT_GROUP_ID (PK)	NOT NULL	NUMBER	Assignment group identifier
ABC_CLASS_ID (PK)	NOT NULL	NUMBER	Identifier of the class to which this item has been assigned in the assignment group
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
REQUEST_ID	NUL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NUL	NUMBER	Standard Who column
PROGRAM_ID	NUL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NUL	DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ABC_ASSIGNMENTS_U1	UNIQUE	1	ASSIGNMENT_GROUP_ID
		2	INVENTORY_ITEM_ID

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## MTL\_ABC\_ASSIGNMENT\_GROUPS

MTL\_ABC\_ASSIGNMENT\_GROUPS contains information for ABC Groups. Each row in this table defines an ABC Group, and it is populated by the Define ABC Groups form.

Oracle Inventory uses this information as the basis for ABC Class assignment, and item assignment.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ABC_COMPILE_HEADERS	COMPILE_ID	COMPILE_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SECONDARY_INVENTORY ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ITEM_SCOPE_TYPE	MTL_ABC_ITEM_SCOPE	MFG_LOOKUPS
	1	All items
	2	Restricted to subinventory

### Column Descriptions

Name	Null?	Type	Description
ASSIGNMENT_GROUP_ID (PK)	NOT NULL	NUMBER	Assignment group identifier
ASSIGNMENT_GROUP_NAME	NOT NULL	VARCHAR2(40)	Name of the group
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
COMPILE_ID	NULL	NUMBER	Identifier of group's compile
SECONDARY_INVENTORY	NULL	VARCHAR2(10)	Subinventory name
ITEM_SCOPE_TYPE	NULL	NUMBER	Scope of this classification group. Possible values are: organization wide or restricted to the specific subinventory in the SECONDARY_INVENTORY column
CLASSIFICATION_METHOD_TYPE	NULL	NUMBER	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

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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

*Indexes*

Index Name	Index Type	Sequence	Column Name
MTL_ABC_ASSIGNMENT_GROUPS_U1	UNIQUE	1	ASSIGNMENT_GROUP_ID
MTL_ABC_ASSIGNMENT_GROUPS_U2	UNIQUE	1	ORGANIZATION_ID
		2	ASSIGNMENT_GROUP_NAME

*Sequences*

Sequence	Derived Column
MTL_ABC_ASSIGNMENT_GROUPS_S	ASSIGNMENT_GROUP_ID



## MTL\_ABC\_CLASSES

MTL\_ABC\_CLASSES contains information about ABC Classes. Each row in this table defines an ABC Class.

An ABC Class is a category under which items with similar metrics are put together. The Compile ABC Analysis form allows the user to specify the criterion to be used for defining such metrics. A given ABC Class can be used in more than one ABC Group, but not more than once in a given group.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
ABC_CLASS_ID (PK)	NOT NULL	NUMBER	Class identifier
ABC_CLASS_NAME	NOT NULL	VARCHAR2(40)	Class name
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
DESCRIPTION	NULL	VARCHAR2(50)	Description of class
DISABLE_DATE	NULL	DATE	Date on which class is no longer valid
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_ABC_CLASSES_U1	UNIQUE	1	ABC_CLASS_ID
MTL_ABC_CLASSES_U2	UNIQUE	1 2	ORGANIZATION_ID ABC_CLASS_NAME

### Sequences

Sequence	Derived Column
MTL_ABC_CLASSES_S	ABC_CLASS_ID

## MTL\_ABC\_COMPILES

MTL\_ABC\_COMPILES stores information about each item within an ABC compile. Each row includes an item's sequence number relative to other items within the given compile, based on the compile criteria defined in MTL\_ABC\_COMPILE\_HEADERS. Each row also contains an item's compile quantity, compile value, cumulative quantity, and cumulative value. Oracle Inventory uses this information to provide an ordered sequence of items, to which the user can then assign an ABC Class.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ABC_COMPILE_HEADERS	COMPILE_ID	COMPILE_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

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
COMPILE_ID (PK)	NOT NULL	NUMBER	Compile 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
SECONDARY_INVENTORY	NULL	VARCHAR2(10)	Subinventory name
INVENTORY_TYPE	NOT NULL	NUMBER	Not currently used
SEQUENCE_NUMBER	NULL	NUMBER	Compile sequence number of this item
COMPILE_QUANTITY	NULL	NUMBER	Compile quantity of this item
COMPILE_VALUE	NULL	NUMBER	Compile value of this item
CUMULATIVE_QUANTITY	NULL	NUMBER	Cumulative quantity of all items with sequence-numbers less than or equal to this one
CUMULATIVE_VALUE	NULL	NUMBER	Cumulative value of all items with sequence-numbers less than or equal to this one
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ABC_COMPILES_N1	NOT UNIQUE	1 2	COMPILE_ID SEQUENCE_NUMBER
MTL_ABC_COMPILES_U1	UNIQUE	1 2	INVENTORY_ITEM_ID COMPILE_ID

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# MTL\_ABC\_COMPILES\_EFC

MTL\_ABC\_COMPILES\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_ABC\_COMPILES prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Identifier
CUMULATIVE_VALUE	NULL	NUMBER	Cumulative Value
COMPILE_VALUE	NULL	NUMBER	Compile Value
COMPILE_ID	NOT NULL	NUMBER	Compile Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

## MTL\_ABC\_COMPILE\_HEADERS

MTL\_ABC\_COMPILE\_HEADERS contains information that is used for, and that results from an ABC compile or ABC analysis. It holds user-specified information entered through the Define ABC Compiles window, such as the current compile option and cost code chosen, as well as the results of an ABC analysis, such as the number of items included in the compile, the cumulative item quantity and the cumulative item value.

Oracle Inventory uses this information during the ABC compilation process to determine the compile criterion and attributes used for the compilation; this information is also used for reporting purposes in the ABC Descending Value Report, and the ABC Assignments Report.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE
MRP_FORECAST_DESIGNATORS	ORGANIZATION_ID FORECAST_DESIGNATOR	ORGANIZATION_ID MRP_FORECAST_NAME
MRP_PLANS	COMPILE_DESIGNATOR ORGANIZATION_ID	MRP_PLAN_NAME ORGANIZATION_ID
MRP_SCHEDULE_DESIGNATORS	SCHEDULE_DESIGNATOR ORGANIZATION_ID	SCHEDULE_DESIGNATOR ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SECONDARY_INVENTORY ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
COMPILE_STATUS	MTL_ABC_COMPILE_STATUS	MFG_LOOKUPS
	1	None
	2	Complete
	3	Running
	4	Error
COMPILE_TYPE	MTL_ABC_COMPILE_TYPE	MFG_LOOKUPS
	1	Current on-hand quantity
	10	MRP demand usage quantity
	11	MRP demand usage value
	2	Current on-hand value
	3	Historical usage value
	4	Historical usage quantity
	5	Historical number of transactions
	6	Forecasted usage value
	7	Forecasted usage quantity
	8	Previous cycle count adjustment value
	9	Previous cycle count adjustment quantity
ITEM_SCOPE_CODE	MTL_ABC_ITEM_SCOPE	MFG_LOOKUPS
	1	All items
	2	Restricted to subinventory

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
SCHEDULE_TYPE	MRP_SCHEDULE_TYPE	MFG_LOOKUPS
	1	MDS - master demand schedule
	2	MPS - master production schedule

Column Descriptions

Name	Null?	Type	Description
COMPILE_ID (PK)	NOT NULL	NUMBER	Compile identifier
COMPILE_NAME	NOT NULL	VARCHAR2(40)	Name of compile
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
COMPILE_TYPE	NOT NULL	NUMBER	Code indicating type of compile
COMPILE_STATUS	NOT NULL	NUMBER	Status of compile
SECONDARY_INVENTORY	NULL	VARCHAR2(10)	Subinventory name
ITEM_SCOPE_CODE	NULL	NUMBER	Scope of compile: Whether all are included items or just those within the specified subinventory
DESCRIPTION	NULL	VARCHAR2(50)	Compile description
COMPILE_ITEMS	NULL	NUMBER	Number of items compiled
COMPILE_DATE	NULL	DATE	Compile date
COST_CODE	NOT NULL	NUMBER	Cost code used for compile
COST_TYPE	NULL	NUMBER	Cost type used
CUMULATIVE_QUANTITY	NULL	NUMBER	Total quantity of all items within this compile
CUMULATIVE_VALUE	NULL	NUMBER	Total value of all items within this compile
SCHEDULE_TYPE	NULL	NUMBER	(Not currently used)
SCHEDULE_DESIGNATOR	NULL	VARCHAR2(10)	MRP designator
MRP_PLAN_NAME	NULL	VARCHAR2(10)	MRP plan name
START_DATE	NULL	DATE	Start date for historical data analysis
CUTOFF_DATE	NULL	DATE	End date for historical data analysis
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

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*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
MRP_FORECAST_NAME	NULL	VARCHAR2(10)	MRP forecast-name

*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MTL_ABC_COMPILE_HEADERS_U1	UNIQUE	1	COMPILE_ID
MTL_ABC_COMPILE_HEADERS_U2	UNIQUE	1 2	ORGANIZATION_ID COMPILE_NAME

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
MTL_ABC_COMPILE_HEADERS_S	COMPILE_ID

## MTL\_ABC\_COMPILE\_HEADERS\_EFC

MTL\_ABC\_COMPILE\_HEADERS\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_ABC\_COMPILE\_HEADERS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
CUMULATIVE_VALUE	NULL	NUMBER	Cumulative Value
COMPILE_ID	NOT NULL	NUMBER	Compile Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

## MTL\_ACTUAL\_COST\_SUBELEMENT

MTL\_ACTUAL\_COST\_SUBELEMENT stores the material overhead subelements that are charged for a given transaction. This is a child table of MTL\_CST\_ACTUAL\_COST\_DETAILS.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID

### Column Descriptions

Name	Null?	Type	Description
LAYER_ID	NOT NULL	NUMBER	
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost Element Identifier
LEVEL_TYPE	NOT NULL	NUMBER	Cost element Identifier
RESOURCE_ID	NOT NULL	NUMBER	Resource 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
ACTUAL_COST	NULL	NUMBER	Actual Cost of the Subelement
USER_ENTERED	NOT NULL	VARCHAR2(1)	Specifies whether this row is entered by the user or the cost processor.

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ACTUAL_COST_SUBELEMENT_N1	NOT UNIQUE	2	TRANSACTION_ID
		4	ORGANIZATION_ID
		6	LAYER_ID
		8	COST_ELEMENT_ID
		10	LEVEL_TYPE
		12	RESOURCE_ID



## MTL\_ACTUAL\_COST\_SUBELEMENT\_EFC

MTL\_ACTUAL\_COST\_SUBELEMENT\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_ACTUAL\_COST\_SUBELEMENT prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
LEVEL_TYPE	NOT NULL	NUMBER	Level Type
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
LAYER_ID	NOT NULL	NUMBER	Layer Identifier
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier
ACTUAL_COST	NULL	NUMBER	Actual Cost
RESOURCE_ID	NOT NULL	NUMBER	Resource Identifier
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost Element Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

## MTL\_ATP\_RULES

MTL\_ATP\_RULES stores rules or options which are used in Available To Promise, ATP for short, computation. The options can be classified into four categories: supply source options, demand source options, time fence options, and computation options.

Supply/demand source options direct ATP to include or exclude themselves as a supply/demand sources based upon the option setting. Time fence options set up the effective dates or cutoff dates for the supply/demand sources to be included. Computation options include Accumulate Availability, Backward Consumption and Forward Consumption. The ATP is computed based on the combinations of these options.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACCUMULATE_AVAILABLE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
BACKWARD_CONSUMPTION_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
DEFAULT_ATP_SOURCES	MTL_ONHAND_SOURCE	MFG_LOOKUPS
	1	ATPable subinventories
	2	Nettable subinventories
	3	All subinventories
DEMAND_CLASS_ATP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
FORWARD_CONSUMPTION_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_DISCRETE_MPS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_DISCRETE_WIP_DEMAND	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_DISCRETE_WIP_RECEIPTS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_FLOW_SCHEDULE_DEMAND	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_FLOW_SCHEDULE_RECEIPTS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_INTERNAL_ORDERS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	2	No
INCLUDE_INTERNAL_REQS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_INTERORG_TRANSFERS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_NONSTD_WIP_DEMAND	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_NONSTD_WIP_RECEIPTS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_ONHAND_AVAILABLE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_PURCHASE_ORDERS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_REP_MPS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_REP_WIP_DEMAND	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_REP_WIP_RECEIPTS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_SALES_ORDERS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_USER_DEFINED_DEMAND	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_USER_DEFINED_SUPPLY	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_VENDOR_REQS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INFINITE_SUPPLY_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

Column Descriptions

Name	Null?	Type	Description
RULE_ID (PK)	NOT NULL	NUMBER	ATP rule identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
RULE_NAME	NOT NULL	VARCHAR2(80)	Name for ATP rule
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Description for ATP rule
ACCUMULATE_AVAILABLE_FLAG	NOT NULL	NUMBER	Flag for ATP computation to accumulate qty availability
BACKWARD_CONSUMPTION_FLAG	NOT NULL	NUMBER	Flag for ATP computation to backwardly consume shortage
FORWARD_CONSUMPTION_FLAG	NOT NULL	NUMBER	Flag for ATP computation to forwardly consume shortage
PAST_DUE_DEMAND_CUTOFF_FENCE	NULL	NUMBER	Demands before the specified number of days are not to be considered in ATP computation
PAST_DUE_SUPPLY_CUTOFF_FENCE	NULL	NUMBER	Supplies before the specified number of days are not to be considered in ATP computation
INFINITE_SUPPLY_FENCE_CODE	NOT NULL	NUMBER	Source code for infinite supply time fence
INFINITE_SUPPLY_TIME_FENCE	NULL	NUMBER	Infinite supply time fence days only when user-defined is specified in the time fence code
ACCEPTABLE_EARLY_FENCE	NULL	NUMBER	(not currently used)
ACCEPTABLE_LATE_FENCE	NULL	NUMBER	(not currently used)
DEFAULT_ATP_SOURCES	NULL	NUMBER	Which Subinventories to use for onhand quantities
DEMAND_CLASS_ATP_FLAG	NOT NULL	NUMBER	Flag for ATP computation to consider Demand Class when selecting supply and demand
INCLUDE_SALES_ORDERS	NOT NULL	NUMBER	Flag for ATP computation to include demand from sales orders
INCLUDE_DISCRETE_WIP_DEMAND	NOT NULL	NUMBER	Flag for ATP computation to include demand from WIP discrete jobs
INCLUDE_REP_WIP_DEMAND	NOT NULL	NUMBER	Flag for ATP computation to include demand from WIP repetitive schedule jobs
INCLUDE_NONSTD_WIP_DEMAND	NOT NULL	NUMBER	Flag for ATP computation to include demand from WIP non-standard jobs
INCLUDE_DISCRETE_MPS	NOT NULL	NUMBER	Flag for ATP computation to include supply from discrete MPS schedule
MPS_DESIGNATOR	NULL	VARCHAR2(10)	(not currently used)
INCLUDE_USER_DEFINED_DEMAND	NOT NULL	NUMBER	Flag for ATP computation to include user defined demand stored in MTL_USER_DEMAND table
USER_ATP_DEMAND_TABLE_NAME	NULL	VARCHAR2(30)	(not currently used)
INCLUDE_PURCHASE_ORDERS	NOT NULL	NUMBER	Flag for ATP computation to include supply from purchase orders
INCLUDE_DISCRETE_WIP_RECEIPTS	NOT NULL	NUMBER	Flag for ATP computation to include supply from WIP discrete jobs
INCLUDE_REP_WIP_RECEIPTS	NOT NULL	NUMBER	Flag for ATP computation to include supply from WIP repetitive schedule jobs

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# Column Descriptions (Continued)

Name	Null?	Type	Description
INCLUDE_NONSTD_WIP_RECEIPTS	NOT NULL	NUMBER	Flag for ATP computation to include supply from WIP non-standard jobs
INCLUDE_INTERORG_TRANSFERS	NOT NULL	NUMBER	Flag for ATP computation to include supply from inter-organization transfers
INCLUDE_ONHAND_AVAILABLE	NOT NULL	NUMBER	Flag for ATP computation to include supply from on hand inventory
INCLUDE_USER_DEFINED_SUPPLY	NOT NULL	NUMBER	Flag for ATP computation to include supply from user defined sources (table MTL_USER_SUPPLY)
USER_ATP_SUPPLY_TABLE_NAME	NULL	VARCHAR2(30)	(not currently used)
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ACCUMULATION_WINDOW	NULL	NUMBER	Maximum number of days that available supply should be accumulated, Only has an impact if Accumulate Available = Yes
INCLUDE_REP_MPS	NOT NULL	NUMBER	Flag for ATP computation to include supply from repetitive MPS schedules
INCLUDE_INTERNAL_REQS	NULL	NUMBER	(not currently used)
INCLUDE_VENDOR_REQS	NULL	NUMBER	(not currently used)
INCLUDE_INTERNAL_ORDERS	NULL	NUMBER	Flag for ATP computation to include demand from internal orders
INCLUDE_FLOW_SCHEDULE_DEMAND	NULL	NUMBER	Flag for ATP computation to include demand from flow schedules
INCLUDE_FLOW_SCHEDULE_RECEIPTS	NULL	NUMBER	Flag for ATP computation to include supply from flow schedules

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ATP_RULES_U1	UNIQUE	2	RULE_ID
MTL_ATP_RULES_U2	UNIQUE	2	RULE_NAME

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Sequences

Sequence	Derived Column
MTL_ATP_RULES_S	RULE_ID

## MTL\_ATTR\_APPL\_DEPENDENCIES

This table contains dependencies between item attributes and the various products. These dependencies are used by the Master Items window and the Organization Items window to display only those attributes required by the products installed.

For instance, if Oracle Purchasing is not installed, those attributes that are only associated with Oracle Purchasing will not appear in the Master Items window.

The data in this table is seeded on install or upgrade.

The following values for APPLICATION\_ID correspond to these Oracle products:

APPLICATION_ID	Product	170	Oracle Service	201
Oracle Purchasing	222	Oracle Receivables	660	Oracle
Order Management	665	Oracle Shipping Execution	401	
Oracle Inventory	702	Oracle Bills of Material	703	Oracle
Engineering	704	Oracle Master Scheduling/MRP and	Oracle	
Supply Chain Planning	706	Oracle Work in Process		

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_APPLICATION	APPLICATION_ID	APPLICATION_ID
MTL_ITEM_ATTRIBUTES	ATTRIBUTE_NAME	ATTRIBUTE_NAME

### Column Descriptions

Name	Null?	Type	Description
APPLICATION_ID (PK)	NOT NULL	NUMBER	Application identifier
ATTRIBUTE_NAME (PK)	NOT NULL	VARCHAR2(50)	Item attribute 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

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ATTR_APPL_DEPENDENCIES_U1	UNIQUE	1	APPLICATION_ID
		2	ATTRIBUTE_NAME

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## MTL\_BIS\_INV\_BY\_PERIOD

This table stores inventory turns data by organization, accounting period and Inventory item id for open periods and closed periods.

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
ACCT_PERIOD_ID	NOT NULL	NUMBER	Accounting Period Identifier
ONHAND	NULL	NUMBER	End of period inventory onhand value for item
WIP	NULL	NUMBER	End of period WIP value for item
INTRANSIT	NULL	NUMBER	End of period intransit value for item
COGS	NULL	NUMBER	Cost of goods sold for item
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
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
BOP_ONHAND	NULL	NUMBER	Beginning of period Onhand value
BOP_WIP	NULL	NUMBER	Beginning of period WIP value
BOP_INTRANSIT	NULL	NUMBER	Beginning of period intransit value

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_BIS_INV_BY_PERIOD_U1	UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	ACCT_PERIOD_ID



# MTL\_CATALOG\_SEARCH\_ITEMS

This table temporarily stores items returned by the Item Catalog Search query.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
GROUP_HANDLE_ID (PK)	NULL	NUMBER	Search group identifier
INVENTORY_ITEM_ID (PK)	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NULL	NUMBER	Organization identifier
DESCRIPTION	NULL	VARCHAR2(240)	Item description
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Primary Unit of Measure code
RESERVABLE_TYPE	NULL	NUMBER	Hard reservations allowed flag

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CATALOG_SEARCH_ITEMS_U1	UNIQUE	1	GROUP_HANDLE_ID
		2	INVENTORY_ITEM_ID
		3	ORGANIZATION_ID

## 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 accomodate kff view.
DISABLE_DATE	NULL	DATE	Disable date
SEGMENT1	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT2	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT3	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT4	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT5	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT6	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT7	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT8	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT9	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT10	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT11	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT12	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT13	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT14	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT15	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT16	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT17	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT18	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT19	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT20	NULL	VARCHAR2(40)	Key flexfield segment
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether segment combination includes a summary segment
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether segment combination is enabled
START_DATE_ACTIVE	NULL	DATE	Date segment combination becomes active
END_DATE_ACTIVE	NULL	DATE	Date segment combination becomes inactive

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# Column Descriptions (Continued)

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

## Indexes

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

## Sequences

Sequence	Derived Column
MTL_CATEGORIES_B_S	CATEGORY_ID

MTL\_CATEGORIES\_TL

MTL\_CATEGORIES\_TL is a table holding translated Description column for Item Categories.

Item categories now support multilingual category description. MLS is implemented with a pair of tables: MTL\_CATEGORIES\_B and MTL\_CATEGORIES\_TL.

Foreign Keys

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

Column Descriptions

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

Indexes

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

## MTL\_CATEGORY\_ACCOUNTS

Use this table to store asset, expense, encumbrance and bridging accounts by item category by subinventory.

This table is intended to be used by the European localization effort and is not part of the base product.

### 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_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	OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	EXPENSE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ENCUMBRANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	BRIDGING_ACCOUNT
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	SUBINVENTORY_CODE

### Column Descriptions

Name	Null?	Type	Description
CATEGORY_ID (PK)	NOT NULL	NUMBER	Item category 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
CATEGORY_SET_ID	NULL	NUMBER	Category set cross reference
SUBINVENTORY_CODE (PK)	NULL	VARCHAR2(10)	Subinventory name
MATERIAL_ACCOUNT	NULL	NUMBER	Material account
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	Material overhead account
RESOURCE_ACCOUNT	NULL	NUMBER	Resource account
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	Outside processing account
OVERHEAD_ACCOUNT	NULL	NUMBER	Overhead account
EXPENSE_ACCOUNT	NULL	NUMBER	Expense account
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account
BRIDGING_ACCOUNT	NULL	NUMBER	Bridging account
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
COST_GROUP_ID (PK)	NULL	NUMBER	Cost group identifier
ANALYTICAL_IPV	NULL	NUMBER	Analytical invoice price variance
ANALYTICAL_PO_MIRROR	NULL	NUMBER	Analytical purchase order mirror
NON_INVOICED_SO	NULL	NUMBER	Non-invoiced sales order
NON_INVOICED_REVENUE	NULL	NUMBER	Non-invoiced revenue
ANALYTICAL_REVENUE_MIRROR	NULL	NUMBER	Analytical revenue mirror
ANALYTICAL_MOGS	NULL	NUMBER	Analytical margin of goods sold

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Column Descriptions (Continued)

Name	Null?	Type	Description
AVERAGE_COST_VAR_ACCOUNT	NULL	NUMBER	Specifies the average cost variance account

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CATEGORY_ACCOUNTS_U1	UNIQUE	1	ORGANIZATION_ID
		3	CATEGORY_ID
		5	COST_GROUP_ID
		7	SUBINVENTORY_CODE

## MTL\_CATEGORY\_SETS\_B

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

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

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

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

Category Sets now support multilingual category set name and description. MLS is implemented with a pair of tables: MTL\_CATEGORY\_SETS\_B and MTL\_CATEGORY\_SETS\_TL. MTL\_CATEGORY\_SETS\_TL table holds translated Name and Description for Category Sets.

*Foreign Keys*

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

*QuickCodes Columns*

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

### Column Descriptions

Name	Null?	Type	Description
CATEGORY_SET_ID (PK)	NOT NULL	NUMBER	Category set identifier
STRUCTURE_ID	NOT NULL	NUMBER	Flexfield structure identifier
VALIDATE_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating category validation required
CONTROL_LEVEL	NOT NULL	NUMBER	Item or item/org control level
DEFAULT_CATEGORY_ID	NULL	NUMBER	Default category identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
MULT_ITEM_CAT_ASSIGN_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating an Item can be assigned to multiple categories in a Category Set.

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CATEGORY_SETS_B_U1	UNIQUE	1	CATEGORY_SET_ID

### Sequences

Sequence	Derived Column
MTL_CATEGORY_SETS_S	CATEGORY_SET_ID



## MTL\_CATEGORY\_SETS\_TL

MTL\_CATEGORY\_SETS\_TL is a table holding translated Name and Description columns for Category Sets.

Category Sets now support multilingual category set name and description. MLS is implemented with a pair of tables: MTL\_CATEGORY\_SETS\_B and MTL\_CATEGORY\_SETS\_TL.

### Foreign Keys

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

### Column Descriptions

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

### Indexes

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

## MTL\_CATEGORY\_SET\_VALID\_CATS

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

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
CATEGORY_SET_ID (PK)	NOT NULL	NUMBER	Category set identifier
CATEGORY_ID (PK)	NOT NULL	NUMBER	Valid category identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CATEGORY_SET_VALID_CATS_U1	UNIQUE	2	CATEGORY_SET_ID
		3	CATEGORY_ID

## MTL\_CC\_ENTRIES\_INTERFACE

The MTL\_CC\_ENTRIES\_INTERFACE table serves as the interface between users and Oracle Inventory's Enter/Approve Cycle Count Request functionality. Users populate the interface table, and a PL/SQL concurrent program, launched by the user, processes the information in this table, inserts/updates the MTL\_CYCLE\_COUNT\_ENTRIES table, and spawns adjustment material transactions, if necessary.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ADJUSTMENT_ACCOUNT_ID
MTL_CYCLE_COUNT_ENTRIES	CYCLE_COUNT_ENTRY_ID	CYCLE_COUNT_ENTRY_ID
MTL_CYCLE_COUNT_HEADERS	CYCLE_COUNT_HEADER_ID	CYCLE_COUNT_HEADER_ID
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID	ORGANIZATION_ID LOCATOR_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_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY ORGANIZATION_ID
MTL_SERIAL_NUMBERS	INVENTORY_ITEM_ID SERIAL_NUMBER	INVENTORY_ITEM_ID SERIAL_NUMBER
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_TRANSACTION_REASONS	REASON_ID	TRANSACTION_REASON_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	COUNT_UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	COUNT_UOM

### Column Descriptions

Name	Null?	Type	Description
CC_ENTRY_INTERFACE_ID (PK)	NOT NULL	NUMBER(38)	Unique identifier for each row
ORGANIZATION_ID	NOT NULL	NUMBER(38)	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(38)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(38)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(38)	Standard Who column
CC_ENTRY_INTERFACE_GROUP_ID	NULL	NUMBER(38)	Identifier used to group interface records into a set
CYCLE_COUNT_ENTRY_ID	NULL	NUMBER(38)	If this data record was exported, the unambiguous primary key is referenced in this column.
ACTION_CODE	NOT NULL	NUMBER(38)	Action code identifying which user actions/APIs to perform for the current record
CYCLE_COUNT_HEADER_ID	NULL	NUMBER(38)	Cycle count identifier
CYCLE_COUNT_HEADER_NAME	NULL	VARCHAR2(30)	User visible name of this cycle count. The identifier by which each entry in the interface table is tied to a particular cycle count.

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Column Descriptions (Continued)

Name	Null?	Type	Description
COUNT_LIST_SEQUENCE	NULL	NUMBER(38)	Input which identifies a particular open count request for the specified cycle count. If a corresponding open count request is found that matches the specified count sequence, then the item and SKU information is defaulted from the MTL_CYCLE_COUNT_ENTRIES table. Otherwise the count request in the interface table is treated as an unscheduled count and the count sequence is inserted into the table along with the rest of the count request information. In this case, the item and SKU information is required.
INVENTORY_ITEM_ID	NULL	NUMBER(38)	Unique identifier of the inventory item
ITEM_SEGMENT1	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT2	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT3	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT4	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT5	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT6	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT7	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT8	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT9	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT10	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT11	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT12	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT13	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT14	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT15	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT16	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT17	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT18	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT19	NULL	VARCHAR2(40)	Item Segment column
ITEM_SEGMENT20	NULL	VARCHAR2(40)	Item Segment column
REVISION	NULL	VARCHAR2(3)	Revision of item if under revision control
SUBINVENTORY	NULL	VARCHAR2(10)	Name of subinventory
LOCATOR_ID	NULL	NUMBER(38)	Unique identifier of the locator
LOCATOR_SEGMENT1	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT2	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT3	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT4	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT5	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT6	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT7	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT8	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT9	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT10	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT11	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT12	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT13	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT14	NULL	VARCHAR2(40)	Locator Segment column

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Column Descriptions (Continued)

Name	Null?	Type	Description
LOCATOR_SEGMENT15	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT16	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT17	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT18	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT19	NULL	VARCHAR2(40)	Locator Segment column
LOCATOR_SEGMENT20	NULL	VARCHAR2(40)	Locator Segment column
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number if item is under lot control
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial number if item is under serial control
PRIMARY_UOM_QUANTITY	NULL	NUMBER	Quantity of count at items primary unit of measure
COUNT_UOM	NULL	VARCHAR2(3)	UOM code of count
COUNT_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	UOM meaning of count
COUNT_QUANTITY	NULL	NUMBER	Count quantity
ADJUSTMENT_ACCOUNT_ID	NULL	NUMBER(38)	Unique identifier of adjustment account
ACCOUNT_SEGMENT1	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT2	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT3	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT4	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT5	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT6	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT7	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT8	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT9	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT10	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT11	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT12	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT13	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT14	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT15	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT16	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT17	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT18	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT19	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT20	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT21	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT22	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT23	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT24	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT25	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT26	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT27	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT28	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT29	NULL	VARCHAR2(25)	Account Segment column
ACCOUNT_SEGMENT30	NULL	VARCHAR2(25)	Account Segment column
COUNT_DATE	NULL	DATE	Count date for current count request. This date is also used as the transaction date and approval date should an adjustment transaction be necessary. If this date is NULL, sysdate is defaulted for the count date
EMPLOYEE_ID	NULL	NUMBER(38)	Employee identifier

Column Descriptions (Continued)

Name	Null?	Type	Description
EMPLOYEE_FULL_NAME	NULL	VARCHAR2(240)	Employee who performed the current count request/approval action
REFERENCE	NULL	VARCHAR2(240)	Reference for current count request. Also used as the transaction reference should an adjustment transaction be required
TRANSACTION_REASON_ID	NULL	NUMBER(38)	Transaction reason identifier
TRANSACTION_REASON	NULL	VARCHAR2(30)	Reason for the current row's cycle count entry as well as any necessary inventory adjustment transaction
REQUEST_ID	NULL	NUMBER(38)	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(38)	Standard Who column
PROGRAM_ID	NULL	NUMBER(38)	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
LOCK_FLAG	NULL	NUMBER(1)	Lock Flag, 1 - LOCK, 2 - UNLOCK
PROCESS_FLAG	NULL	NUMBER(1)	Process Flag, 1 - READY, 2 - NOT READY
PROCESS_MODE	NULL	NUMBER(1)	Process Mode, 1 - Online, 2 - Concurrent, 3 - Background
VALID_FLAG	NULL	NUMBER(1)	Valid Flag, 1 - VALID, 2 - INVALID
DELETE_FLAG	NULL	NUMBER(1)	Deleted Flag, 1 - YES, 2 - NO
STATUS_FLAG	NULL	NUMBER(38)	Statu Flag, 0-successful completed, 1-successful completed with warnings, 2-processed with errors, 3 marked for recounting, 4 marked for reprocessing
ERROR_FLAG	NULL	NUMBER(38)	Error Flag, 1 - YES an error occurs, 2 - NO errors, NULL - not processed
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment column

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# Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment column
PROJECT_ID	NULL	NUMBER(38)	Project identifier for future use
TASK_ID	NULL	NUMBER(38)	Task identifier for future use
SYSTEM_QUANTITY	NULL	NUMBER	System quantity. This information will be inserted, if this row is exported.
PARENT_LPN_ID	NULL	NUMBER	Parent LPN ID - Used by WMS only
OUTERMOST_LPN_ID	NULL	NUMBER	Outermost LPN ID - Used by WMS only
PARENT_LPN	NULL	VARCHAR2(30)	Parent LPN - Used by WMS only
COST_GROUP_ID	NULL	NUMBER	Cost group ID - Used by WMS only
COST_GROUP_NAME	NULL	VARCHAR2(10)	Cost group name - Used by WMS only

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CC_ENTRIES_INTERFACE_N1	NOT UNIQUE	1	ACTION_CODE
		2	CYCLE_COUNT_HEADER_ID
MTL_CC_ENTRIES_INTERFACE_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	LOCATOR_ID
MTL_CC_ENTRIES_INTERFACE_N3	NOT UNIQUE	1	CYCLE_COUNT_HEADER_ID

## Database Triggers

Trigger Name : MTL\_CC\_ENTRIES\_INTERFACE\_T1  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger is fired before rows in MTL\_CC\_ENTRIES\_INTERFACE table are updated. This trigger puts the following message onto the message stack: 'This record was exported. Columns are locked.' It then raises an exception so that the message will be displayed on the desktop.

## MTL\_CC\_INTERFACE\_ERRORS

The MTL\_CC\_INTERFACE\_ERRORS table is populated with errors encountered while processing interface rows. This table allows reporting multiple errors per interface record. The CC\_ENTRY\_INTERFACE\_ID is a foreign key to this table so that users may query up interface errors by record. Users can view all error information, including error code and text via the Cycle Count Entries Interface Inquiry/Update form. This errors table includes only all the errors from the last processing run of the cycle count interface entry. Before each interface record processing, the errors of this record are deleted.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CC_ENTRIES_INTERFACE	CC_ENTRY_INTERFACE_ID	CC_ENTRY_INTERFACE_ID

### Column Descriptions

Name	Null?	Type	Description
INTERFACE_ERROR_ID	NOT NULL	NUMBER(38)	Unique identifier for this error
CC_ENTRY_INTERFACE_ID	NOT NULL	NUMBER(38)	Cycle Count Entries Open Interface identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(38)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(38)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(38)	Standard Who column
REQUEST_ID	NULL	NUMBER(38)	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(38)	Standard Who column
PROGRAM_ID	NULL	NUMBER(38)	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ERROR_MESSAGE	NULL	VARCHAR2(240)	Error message
ERROR_COLUMN_NAME	NULL	VARCHAR2(32)	Error Column name
ERROR_TABLE_NAME	NULL	VARCHAR2(30)	Error Table name
MESSAGE_NAME	NULL	VARCHAR2(30)	Message name

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CC_INTERFACE_ERRORS_N1	NOT UNIQUE	1	CC_ENTRY_INTERFACE_ID



## MTL\_CC\_SCHEDULE\_REQUESTS

MTL\_CC\_SCHEDULE\_REQUESTS stores cycle count schedule requests. The SCHEDULE\_STATUS column indicates whether the schedule request has been processed, completed, closed without count requests generated, or awaiting processing.

Cycle count schedule requests partially or fully specify the SKU (stock keeping unit) to cycle count. The cycle count generation process explodes each schedule request into count requests that fully specify the SKU against which count entries and adjustments are made.

Oracle Inventory uses this information to feed the count generation process and generate Cycle Count Requests that show up in the Count List Report.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CYCLE_COUNT_HEADERS	CYCLE_COUNT_HEADER_ID	CYCLE_COUNT_HEADER_ID
MTL_CYCLE_COUNT_ITEMS	CYCLE_COUNT_HEADER_ID INVENTORY_ITEM_ID	CYCLE_COUNT_HEADER_ID INVENTORY_ITEM_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_LOT_NUMBERS	LOT_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID	LOT_NUMBER INVENTORY_ITEM_ID ORGANIZATION_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

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
COUNT_REQUESTS_GENERATED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PROCESS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
REQUEST_SOURCE_TYPE	MTL_CC_SOURCE_TYPES	MFG_LOOKUPS
	1	Automatic
	2	Manual
SCHEDULE_STATUS	MTL_CC_SCHEDULE_STATUS	MFG_LOOKUPS
	1	Unscheduled
	2	Partially Scheduled
	3	Scheduled
	4	No count requests generated
ZERO_COUNT_FLAG	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
CYCLE_COUNT_SCHEDULE_ID (PK)	NOT NULL	NUMBER	Cycle count 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
CYCLE_COUNT_HEADER_ID	NOT NULL	NUMBER	Cycle count identifier
REQUEST_SOURCE_TYPE	NOT NULL	NUMBER	Source of request: auto or manual
ZERO_COUNT_FLAG	NULL	NUMBER	Whether or not to count SKU's with no system quantity
SCHEDULE_DATE	NOT NULL	DATE	Date this count should be scheduled
COUNT_DUE_DATE	NULL	DATE	Date by which this count should be completed
COUNT_REQUESTS_GENERATED_FLAG	NULL	NUMBER	Whether or not this schedule-request has been exploded into count-requests
SCHEDULE_STATUS	NULL	NUMBER	Status of this schedule-request
SCHEDULE_COMPLETION_DATE	NULL	DATE	Date when all the count requests generated out of this schedule
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory-name
LOCATOR_ID	NULL	NUMBER	Locator identifier
REVISION	NULL	VARCHAR2(3)	Item revision code
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
PROCESS_FLAG	NULL	NUMBER	Whether or not this row is ready to be exploded into count-requests
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
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
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial number.

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Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CC_SCHEDULE_REQUESTS_N1	NOT UNIQUE	1	CYCLE_COUNT_HEADER_ID
		2	SCHEDULE_DATE
MTL_CC_SCHEDULE_REQUESTS_N2	NOT UNIQUE	1	CYCLE_COUNT_HEADER_ID
		2	SCHEDULE_STATUS
MTL_CC_SCHEDULE_REQUESTS_U1	UNIQUE	1	CYCLE_COUNT_SCHEDULE_ID
MTL_CC_SCHEDULE_REQUESTS_U2	UNIQUE	1	CYCLE_COUNT_HEADER_ID
		2	CYCLE_COUNT_SCHEDULE_ID

Sequences

Sequence	Derived Column
MTL_CC_SCHEDULE_REQUESTS_S	CYCLE_COUNT_SCHEDULE_ID

## MTL\_CC\_SCHED\_COUNT\_XREFS

MTL\_CC\_SCHED\_COUNT\_XREFS links cycle counts entered, to the schedule request that generated it and vice versa.

Oracle Inventory uses this information to determine when a schedule request has been completed and update its status.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CC_SCHEDULE_REQUESTS	CYCLE_COUNT_SCHEDULE_ID	CYCLE_COUNT_SCHEDULE_ID
MTL_CYCLE_COUNT_ENTRIES	CYCLE_COUNT_ENTRY_ID	CYCLE_COUNT_ENTRY_ID

### Column Descriptions

Name	Null?	Type	Description
CYCLE_COUNT_SCHEDULE_ID (PK)	NOT NULL	NUMBER	Cycle count schedule identifier
CYCLE_COUNT_ENTRY_ID (PK)	NOT NULL	NUMBER	Cycle count entry 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
COUNT_DUE_DATE	NULL	DATE	Date count is due
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CC_SCHED_COUNT_XREFS_U1	UNIQUE	1	CYCLE_COUNT_SCHEDULE_ID
		2	CYCLE_COUNT_ENTRY_ID

## MTL\_CC\_SERIAL\_NUMBERS

This table is used to store serial numbers associated to a cycle count entry involving a serialized item. This table is used only when the user has selected the serial control option "Count: Multiple Per Request" in the corresponding cycle count header.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CYCLE_COUNT_ENTRIES	CYCLE_COUNT_ENTRY_ID	CYCLE_COUNT_ENTRY_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
APPROVAL_CONDITION	MTL_CC_APPROVAL_CONDITION	MFG_LOOKUPS
	1	Found Elsewhere in the System
	2	Issued to Stores
	3	Approval Required for All Adjustments.

### Column Descriptions

Name	Null?	Type	Description
CYCLE_COUNT_ENTRY_ID (PK)	NOT NULL	NUMBER	Cycle count entry identifier
SERIAL_NUMBER (PK)	NOT NULL	VARCHAR2(30)	Serial number to be counted for the cycle count entry
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
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
NUMBER_OF_COUNTS	NULL	NUMBER	Number of times the serial number is counted for the current count
UNIT_STATUS_CURRENT	NULL	NUMBER	Current serial number status (Present-1 /Absent-2) at the count location
UNIT_STATUS_PRIOR	NULL	NUMBER	Status (Present-1 /Absent-2) of the serial number at the time of previous count
POS_ADJUSTMENT_QTY	NULL	NUMBER	Adjustment quantity for the serial number (1 if a new serial number is found at the count location)
NEG_ADJUSTMENT_QTY	NULL	NUMBER	Negative adjustment quantity (1 if serial number is not found at the count location)
UNIT_STATUS_FIRST	NULL	NUMBER	Status of the serial number (Present-1 /Absent - 2) at the time of the first count
APPROVAL_CONDITION	NULL	NUMBER	Condition of approval

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CC_SERIAL_NUMBERS_U1	UNIQUE	1	CYCLE_COUNT_ENTRY_ID
		2	SERIAL_NUMBER

## MTL\_CC\_SUBINVENTORIES

MTL\_CC\_SUBINVENTORIES stores all the subinventories that are to be considered for cycle counting when the scope of the cycle count is at subinventory level. The table is not used if the cycle count is at organization level.

Oracle Inventory uses this information in the automatic scheduling feature of cycle counting and for validation purpose when schedule requests are manually entered.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CYCLE_COUNT_HEADERS	CYCLE_COUNT_HEADER_ID	CYCLE_COUNT_HEADER_ID

### Column Descriptions

Name	Null?	Type	Description
CYCLE_COUNT_HEADER_ID (PK)	NOT NULL	NUMBER	Cycle count identifier
SUBINVENTORY (PK)	NOT NULL	VARCHAR2(10)	Subinventory name
DISABLE_FLAG	NULL	NUMBER	Flag indicating whether the cycle count subinventory will be used when exploding count requests
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
NUM_COUNTS_PER_YEAR	NULL	NUMBER	Number of times a location in this subinventory should be counted per year
LOC_LAST_SCHEDULE_DATE	NULL	DATE	Date location was last scheduled to be counted
SCHEDULE_ORDER	NULL	NUMBER	Order in which location will be scheduled, relative to the schedule-order of other locations within this cycle count

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CC_SUBINVENTORIES_U1	UNIQUE	1	CYCLE_COUNT_HEADER_ID
		2	SUBINVENTORY

## MTL\_CI\_INTERFACE

MTL\_CI\_INTERFACE serves as an interface between users and Oracle Inventory's customer item functionality. Users populate this table with customer item information, and a PL/SQL concurrent program, launched by the user, processes the information and inserts records into the MTL\_CUSTOMER\_ITEMS table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_COMMODITY_CODES	COMMODITY_CODE_ID	COMMODITY_CODE_ID
MTL_CUSTOMER_ITEMS	CUSTOMER_ITEM_ID	MODEL_CUSTOMER_ITEM_ID
MTL_PARAMETERS	ORGANIZATION_ID	CONTAINER_ITEM_ORG_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	MODEL_CUSTOMER_ITEM_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	DETAIL_CONTAINER_ITEM_ID
RA_ADDRESSES_ALL_	ADDRESS_ID	ADDRESS_ID
RA_CUSTOMERS_	CUSTOMER_ID	CUSTOMER_ID

### Column Descriptions

Name	Null?	Type	Description
PROCESS_FLAG	NOT NULL	VARCHAR2(1)	Used to specify whether the interface record needs to be processed
PROCESS_MODE	NOT NULL	NUMBER	Used to specify mode in which interface records are to be processed
LOCK_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether the record in the interface table has been locked and is being processed by a concurrent program
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
REQUEST_ID		NUMBER	Standard Who column
PROGRAM_APPLICATION_ID		NUMBER	Standard Who column
PROGRAM_ID		NUMBER	Standard Who column
PROGRAM_UPDATE_DATE		DATE	Standard Who column
TRANSACTION_TYPE	NOT NULL	VARCHAR2(6)	Type of action to perform on the interface record
CUSTOMER_NAME		VARCHAR2(50)	Customer name. Either the CUSTOMER_NAME, CUSTOMER_NUMBER, or CUSTOMER_ID column must be populated to specify a customer
CUSTOMER_NUMBER		VARCHAR2(30)	Customer number
CUSTOMER_ID		NUMBER	Customer identifier
CUSTOMER_CATEGORY_CODE		VARCHAR2(30)	Customer category code. Either the CUSTOMER_CATEGORY_CODE or CUSTOMER_CATEGORY column must be populated to specify a customer category
CUSTOMER_CATEGORY		VARCHAR2(80)	Customer category name

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Column Descriptions (Continued)

Name	Null?	Type	Description
ADDRESS1	NULL	VARCHAR2(240)	Address column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
ADDRESS2	NULL	VARCHAR2(240)	Address column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
ADDRESS3	NULL	VARCHAR2(240)	Address column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
ADDRESS4	NULL	VARCHAR2(240)	Address column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
CITY	NULL	VARCHAR2(50)	Address city column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
STATE	NULL	VARCHAR2(50)	Address state column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
COUNTRY	NULL	VARCHAR2(50)	Address county column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
COUNTRY	NULL	VARCHAR2(50)	Address country column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
POSTAL_CODE	NULL	VARCHAR2(30)	Address postal code column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address

Column Descriptions (Continued)

Name	Null?	Type	Description
ADDRESS_ID	NULL	NUMBER	Customer address unique identifier. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
CUSTOMER_ITEM_NUMBER	NOT NULL	VARCHAR2(50)	Customer item part number
ITEM_DEFINITION_LEVEL_DESC	NULL	VARCHAR2(30)	Item definition level description
ITEM_DEFINITION_LEVEL	NULL	VARCHAR2(1)	Customer item definition level. These levels are: 1 (Customer), 2 (Address Category), 3 (Address)
CUSTOMER_ITEM_DESC	NULL	VARCHAR2(240)	Customer item description
MODEL_CUSTOMER_ITEM_NUMBER	NULL	VARCHAR2(50)	Model number of the customer item model associated with this customer item. Either the MODEL_CUSTOMER_ITEM_NUMBER or MODEL_CUSTOMER_ITEM_ID column must be populated to specify a customer item model
MODEL_CUSTOMER_ITEM_ID	NULL	NUMBER	Model identifier of the customer item model associated with the customer item. Either the MODEL_CUSTOMER_ITEM_NUMBER or MODEL_CUSTOMER_ITEM_ID column must be populated to specify a customer item model
COMMODITY_CODE	NULL	VARCHAR2(30)	Commodity code associated with the customer item. Either the COMMODITY_CODE or COMMODITY_CODE_ID column must be populated to specify a customer item commodity code
COMMODITY_CODE_ID	NULL	NUMBER	Commodity code identifier of the commodity code associated with the customer item. Either the COMMODITY_CODE or COMMODITY_CODE_ID column must be populated to specify a customer item commodity code
MASTER_CONTAINER_SEGMENT2	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT3	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT4	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT5	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT6	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT7	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT8	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT9	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT10	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT11	NULL	VARCHAR2(40)	Master container item key flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
MASTER_CONTAINER_SEGMENT12	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT13	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT14	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT15	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT16	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT17	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT18	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT19	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER_SEGMENT20	NULL	VARCHAR2(40)	Master container item key flexfield segment
MASTER_CONTAINER	NULL	VARCHAR2(2000)	Master container item name (flexfield concatenated segments)
MASTER_CONTAINER_ITEM_ID	NULL	NUMBER	Master container item unique identifier. Both the master container item and container item organization are required to uniquely identify a master container item
CONTAINER_ITEM_ORG_NAME	NULL	VARCHAR2(60)	Organization name for the container item. Either the CONTAINER_ITEM_ORG_NAME, CONTAINER_ITEM_ORG_CODE or CONTAINER_ITEM_ORG_ID column needs to be populated to specify a container item organization
CONTAINER_ITEM_ORG_CODE	NULL	VARCHAR2(3)	Organization code for the container item. Either the CONTAINER_ITEM_ORG_NAME, CONTAINER_ITEM_ORG_CODE or CONTAINER_ITEM_ORG_ID column needs to be populated to specify a container item organization
CONTAINER_ITEM_ORG_ID	NULL	NUMBER	Organization id for the container item. Either the CONTAINER_ITEM_ORG_NAME, CONTAINER_ITEM_ORG_CODE or CONTAINER_ITEM_ORG_ID column needs to be populated to specify a container item organization
DETAIL_CONTAINER_SEGMENT1	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT2	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT3	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT4	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT5	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT6	NULL	VARCHAR2(40)	Detail container item key flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
DETAIL_CONTAINER_SEGMENT7	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT8	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT9	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT10	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT11	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT12	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT13	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT14	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT15	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT16	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT17	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT18	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT19	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER_SEGMENT20	NULL	VARCHAR2(40)	Detail container item key flexfield segment
DETAIL_CONTAINER	NULL	VARCHAR2(2000)	Detail container item name (flexfield concatenated segments)
DETAIL_CONTAINER_ITEM_ID	NULL	NUMBER	Detail container item identifier. Both the detail container item and container item organization are required to uniquely identify a detail container item
MIN_FILL_PERCENTAGE	NULL	NUMBER	Minimum fill percentage
DEP_PLAN_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether departure planning is required for the customer item
DEP_PLAN_PRIOR_BLD_FLAG	NULL	VARCHAR2(1)	Flag indicating if departure plan prior to build is required
INACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether the customer item is 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

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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
DEMAND_TOLERANCE_POSITIVE	NULL	NUMBER	Positive tolerance (high end) for customer item demand
DEMAND_TOLERANCE_NEGATIVE	NULL	NUMBER	Negative tolerance (low end) for customer item demand
ERROR_CODE	NULL	VARCHAR2(9)	Populated with the error code of the latest error encountered by the interface while processing a row. Populated with Success if no errors were encountered
ERROR_EXPLANATION	NULL	VARCHAR2(240)	Explanation of the error code
MASTER_CONTAINER_SEGMENT1	NULL	VARCHAR2(40)	Master container item key flexfield segment

## MTL\_CI\_XREFS\_INTERFACE

MTL\_CI\_XREFS\_INTERFACE serves as an interface between users and Oracle Inventory's customer item functionality. Users populate this table with customer item cross reference information, and a PL/SQL concurrent program, launched by the user, processes the information and inserts records into the MTL\_CUSTOMER\_ITEMS\_XREFS table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CUSTOMER_ITEMS	CUSTOMER_ITEM_ID	CUSTOMER_ITEM_ID
MTL_PARAMETERS	ORGANIZATION_ID	MASTER_ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
RA_ADDRESSES_ALL_	ADDRESS_ID	ADDRESS_ID
RA_CUSTOMERS_	CUSTOMER_ID	CUSTOMER_ID

### Column Descriptions

Name	Null?	Type	Description
PROCESS_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether the interface record needs to be processed
PROCESS_MODE	NOT NULL	NUMBER	Mode in which interface records are to be processed
LOCK_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether a record in the interface table has been locked and is being processed by a concurrent program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN		NUMBER(15)	Standard Who column
REQUEST_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
TRANSACTION_TYPE	NOT NULL	VARCHAR2(6)	Type of action to perform on the interface record
CUSTOMER_NAME	NULL	VARCHAR2(50)	Customer name. Either the CUSTOMER_NAME, CUSTOMER_NUMBER, or CUSTOMER_ID column must be populated to specify the customer associated with the cross reference relationship
CUSTOMER_NUMBER	NULL	VARCHAR2(30)	Customer number. Either the CUSTOMER_NAME, CUSTOMER_NUMBER, or CUSTOMER_ID column must be populated to specify the customer associated with the cross reference relationship
CUSTOMER_ID	NULL	NUMBER	Customer identifier. Either the CUSTOMER_NAME, CUSTOMER_NUMBER, or CUSTOMER_ID column must be populated to specify the customer associated with the cross reference relationship

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Column Descriptions (Continued)

Name	Null?	Type	Description
CUSTOMER_CATEGORY_CODE	NULL	VARCHAR2(30)	Customer category code. Either the CUSTOMER_CATEGORY_CODE or CUSTOMER_CATEGORY column needs to be populated to specify the customer category to associate with the cross reference relationship
CUSTOMER_CATEGORY	NULL	VARCHAR2(80)	Customer category name. Either the CUSTOMER_CATEGORY_CODE or CUSTOMER_CATEGORY column needs to be populated to specify the customer category to associate with the cross reference relationship
ADDRESS1	NULL	VARCHAR2(240)	Address column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
ADDRESS2	NULL	VARCHAR2(240)	Address column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
ADDRESS3	NULL	VARCHAR2(240)	Address column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
ADDRESS4	NULL	VARCHAR2(240)	Address column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
CITY	NULL	VARCHAR2(50)	Address city column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
STATE	NULL	VARCHAR2(50)	Address state column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
COUNTY	NULL	VARCHAR2(50)	Address county column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address

Column Descriptions (Continued)

Name	Null?	Type	Description
COUNTRY	NULL	VARCHAR2(50)	Address country column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
POSTAL_CODE	NULL	VARCHAR2(30)	Address postal code column. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
ADDRESS_ID	NULL	NUMBER	Customer address unique identifier. Either the ADDRESS_ID or the ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, STATE, COUNTRY, POSTAL_CODE columns must be populated to specify a customer address
CUSTOMER_ITEM_NUMBER	NOT NULL	VARCHAR2(50)	Customer item number. Either the CUSTOMER_ITEM_NUMBER or CUSTOMER_ITEM_ID column needs to be populated to specify a customer item
ITEM_DEFINITION_LEVEL_DESC	NULL	VARCHAR2(30)	Item definition level description
ITEM_DEFINITION_LEVEL	NULL	VARCHAR2(1)	Customer item definition level. These levels are: 1 (Customer), 2 (Address Category), 3 (Address)
CUSTOMER_ITEM_ID	NULL	NUMBER	Customer item identifier. Either the CUSTOMER_ITEM_NUMBER or CUSTOMER_ITEM_ID column needs to be populated to specify a customer item
INVENTORY_ITEM_SEGMENT1	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT2	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT3	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT4	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT5	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT6	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT7	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT8	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT9	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT10	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT11	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT12	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT13	NULL	VARCHAR2(40)	Inventory item key flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
INVENTORY_ITEM_SEGMENT14	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT15	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT16	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT17	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT18	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT19	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM_SEGMENT20	NULL	VARCHAR2(40)	Inventory item key flexfield segment
INVENTORY_ITEM	NULL	VARCHAR2(2000)	Inventory item name (concatenated segments)
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
MASTER_ORGANIZATION_NAME	NULL	VARCHAR2(60)	Master organization name of the inventory item specified in the cross reference relationship. Either MASTER_ORGANIZATION_NAME, MASTER_ORGANIZATION_CODE, or MASTER_ORGANIZATION_ID must be populated to specify a master organization
MASTER_ORGANIZATION_CODE	NULL	VARCHAR2(3)	Master organization code of the inventory item specified in the cross reference relationship. Either MASTER_ORGANIZATION_NAME, MASTER_ORGANIZATION_CODE, or MASTER_ORGANIZATION_ID must be populated to specify a master organization
MASTER_ORGANIZATION_ID	NULL	NUMBER	Master organization identifier of the inventory item specified in the cross reference relationship. Either MASTER_ORGANIZATION_NAME, MASTER_ORGANIZATION_CODE, or MASTER_ORGANIZATION_ID must be populated to specify a master organization
PREFERENCE_NUMBER	NOT NULL	NUMBER	Numerical preference value or rank of the cross reference relationship. Used to specify the preferred match between a customer item and an inventory item
INACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether the customer item cross reference relationship is inactive
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ERROR_CODE	NULL	VARCHAR2(9)	Populated with the error code of the latest error encountered by the interface while processing a row. Populated with Success if no errors were encountered
ERROR_EXPLANATION	NULL	VARCHAR2(240)	Explanation of the error code

## MTL\_COMMODITY\_CODES

MTL\_COMMODITY\_CODES stores customer item commodity codes used to group or classify customer items. Customer items require the assignment of a customer item commodity code at the time of creation.

### Column Descriptions

Name	Null?	Type	Description
COMMODITY_CODE_ID (PK)	NOT NULL	NUMBER	Customer item commodity code unique identifier
COMMODITY_CODE	NOT NULL	VARCHAR2(30)	Code describing a commodity or group of commodities. Customer item commodity codes are used to assign general descriptions to similar customer items
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
DESCRIPTION	NOT NULL	VARCHAR2(240)	Customer item commodity code description
INACTIVE_DATE	NULL	DATE	Date on which the customer item commodity code is no longer valid for assignment to a customer item
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	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(15)	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_COMMODITY_CODES_U1	UNIQUE	1	COMMODITY_CODE_ID
MTL_COMMODITY_CODES_U2	UNIQUE	1	COMMODITY_CODE

# MTL\_COPY\_ORG\_INTERFACE

INV\_COPY\_ORG\_INTERFACE Generate Inventory Organizations  
GROUP\_CODE is used in Copy Inventory Organizations Standard  
Concurrent Request to identify a set of rows that describe the  
organizations to be generated. The XML Column describes a new  
organization.

## Column Descriptions

Name	Null?	Type	Description
GROUP_CODE (PK)	NOT NULL	VARCHAR2(30)	Batch identifier
XML	NULL	CLOB	Data describing a new organization, including deviations from the model organization
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	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
ORGANIZATION_CODE (PK)	NOT NULL	VARCHAR2(3)	Organization Code for the new organization to be created
STATUS	NULL	VARCHAR2(1)	Success or Failure, updated by Copy Inventory Organization concurrent request

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_COPY_ORG_INTERFACE_N1	NOT UNIQUE	1	GROUP_CODE
MTL_COPY_ORG_INTERFACE_U1	UNIQUE	1	GROUP_CODE
		2	ORGANIZATION_CODE

## MTL\_COUNTRY\_ASSIGNMENTS

MTL\_COUNTRY\_ASSIGNMENTS stores information concerning the assignment of countries to economic zones. Each economic zone is a composition of multiple countries. Each country can be assigned to more than one economic zone.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_TERRITORIES	TERRITORY_CODE	TERRITORY_CODE
MTL_ECONOMIC_ZONES_B	ZONE_CODE	ZONE_CODE

### Column Descriptions

Name	Null?	Type	Description
ZONE_CODE (PK)	NOT NULL	VARCHAR2(10)	zone code
TERRITORY_CODE (PK)	NOT NULL	VARCHAR2(2)	territory code
CREATION_DATE	NOT NULL	DATE	standard who column
CREATED_BY	NOT NULL	NUMBER(15)	standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	standard who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	last login date
START_DATE	NOT NULL	DATE	start date
END_DATE	NULL	DATE	end date

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_COUNTRY_ASSIGNMENTS_U1	NOT UNIQUE	5	ZONE_CODE
		10	TERRITORY_CODE

## MTL\_CROSS\_REFERENCES

MTL\_CROSS\_REFERENCES is used to assign cross-references to items. The cross reference type code identifies the cross-referencing identification system being used. The cross-reference identifies the specific relationship between the item and the other identification system. This can include references to an old item identification scheme, to supplier item identification, etc. Each inventory item can be assigned any number of cross-references for any number of cross-reference types.

The ORG\_INDEPENDENT\_FLAG designates the cross-reference as being either organization independent or organization dependent. If the cross-reference is organization independent, then the cross-reference is valid across all the organizations to which the item is assigned. Otherwise, the cross reference holds only for the organization specified in the ORGANIZATION\_ID column.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CROSS_REFERENCE_TYPES	CROSS_REFERENCE_TYPE	CROSS_REFERENCE_TYPE
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
ORG_INDEPENDENT_FLAG	YES_NO N Y	FND_LOOKUPS No Yes

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NULL	NUMBER	Organization identifier
CROSS_REFERENCE_TYPE (PK)	NOT NULL	VARCHAR2(25)	Cross reference type
CROSS_REFERENCE (PK)	NOT NULL	VARCHAR2(25)	Cross reference designator
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Cross reference description
ORG_INDEPENDENT_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating organization independence
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment

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# Column Descriptions (Continued)

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

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CROSS_REFERENCES_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	CROSS_REFERENCE_TYPE
		3	ORGANIZATION_ID
		4	CROSS_REFERENCE
MTL_CROSS_REFERENCES_U1	UNIQUE	1	CROSS_REFERENCE_TYPE
		2	CROSS_REFERENCE
		3	ORGANIZATION_ID
		4	INVENTORY_ITEM_ID

## MTL\_CROSS\_REFERENCES\_INTERFACE

MTL\_CROSS\_REFERENCES\_INTERFACE temporarily stores cross reference type codes assigned to inventory items before loading this information into Oracle Inventory. The cross reference type code provides cross referencing from the item to any other identification system that is relevant. This can include references to old item identification schemes, to vendor item identification, etc. Each inventory item can be assigned any number of cross reference type codes.

Additionally, each cross reference is designated as multi-org or not. If the cross reference is multi-org, then the cross reference is valid across the organization hierarchy. Otherwise, the cross reference holds only for the organization specified.

This table contains user friendly columns which allow you to easily enter your data as well as their corresponding foreign keys. Oracle Inventory will default column values you do not enter, after performing the proper validation. For example, you enter the ITEM\_NUMBER, and Oracle Inventory will fill in the corresponding INVENTORY\_ITEM\_ID for you.

This table is currently not used.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ORG_INDEPENDENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NULL	NUMBER	Organization identifier
CROSS_REFERENCE_TYPE (PK)	NULL	VARCHAR2(25)	Cross reference type
CROSS_REFERENCE (PK)	NULL	VARCHAR2(25)	Cross reference designator
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Cross reference description

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORG_INDEPENDENT_FLAG	NULL	VARCHAR2(1)	Flag indicating organization independence
REQUEST_ID	NULL	NUMBER	Concurrent who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent who column
PROGRAM_ID	NULL	NUMBER	Concurrent who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent who column
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Organization code
ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Descriptive flexfield structure defining column

## MTL\_CROSS\_REFERENCE\_TYPES

MTL\_CROSS\_REFERENCE\_TYPES is used to define cross-reference types. The cross reference type provides context information for cross-referencing from an item to some other identification system that is relevant. This can include references to an old item identification scheme, to supplier item identifications, etc. Each inventory item can be assigned cross-references using any number of cross-reference types.

### Column Descriptions

Name	Null?	Type	Description
CROSS_REFERENCE_TYPE (PK)	NOT NULL	VARCHAR2(25)	Cross reference 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
DESCRIPTION	NULL	VARCHAR2(240)	Cross reference type description
DISABLE_DATE	NULL	DATE	Date on which the cross reference type can no longer be used
VALIDATE_FLAG	NULL	VARCHAR2(1)	Not currently used
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CROSS_REFERENCE_TYPES_U1	UNIQUE	1	CROSS_REFERENCE_TYPE

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## MTL\_CST\_ACTUAL\_COST\_DETAILS

MTL\_CST\_ACTUAL\_COST\_DETAILS stores actual cost, prior cost, and new cost information for a transaction by element and by level.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_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
LAYER_ID (PK)	NOT NULL	NUMBER	Layer identifier
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization Identifier
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost Element identifier
LEVEL_TYPE (PK)	NOT NULL	NUMBER	Level Type
TRANSACTION_ACTION_ID (PK)	NOT NULL	NUMBER	Transaction action identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
CREATED_BY	NOT NULL	NUMBER	Standard who column
LAST_UPDATE_LOGIN	NUL	NUMBER	Standard who column
REQUEST_ID	NUL	NUMBER	Standard who column
PROGRAM_APPLICATION_ID	NUL	NUMBER	Standard who column
PROGRAM_ID	NUL	NUMBER	Standard who column
PROGRAM_UPDATE_DATE	NUL	DATE	Standard who column
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ACTUAL_COST	NUL	NUMBER	Actual cost of the transaction
PRIOR_COST	NUL	NUMBER	Prior average cost
NEW_COST	NUL	NUMBER	New average cost

*Column Descriptions (Continued)*

Name	Null?	Type	Description
INSERTION_FLAG	NOT NULL	VARCHAR2(1)	Used to determine which cost detail rows to insert in to CST_LAYER_COST_DETAILS
VARIANCE_AMOUNT	NULL	NUMBER	Variance that arises from average cost computation
USER_ENTERED	NOT NULL	VARCHAR2(1)	Specifies whether this row is entered by the user or the cost processor
TRANSACTION_COSTED_DATE	NULL	DATE	Transaction date
PAYBACK_VARIANCE_AMOUNT	NULL	NUMBER	Payback variance amount

*Indexes*

Index Name	Index Type	Sequence	Column Name
MTL_CST_ACTUAL_COST_DETAILS_U1	UNIQUE	2	TRANSACTION_ID
		4	ORGANIZATION_ID
		6	LAYER_ID
		8	COST_ELEMENT_ID
		10	LEVEL_TYPE
		12	TRANSACTION_ACTION_ID

## MTL\_CST\_ACTUAL\_COST\_DETAIL\_EFC

MTL\_ACTUAL\_COST\_DETAIL\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_ACTUAL\_COST\_DETAIL prior to conversion to the euro currency.

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier
NEW_COST	NULL	NUMBER	New Cost
ACTUAL_COST	NULL	NUMBER	Actual Cost
PRIOR_COST	NULL	NUMBER	Prior Cost
PAYBACK_VARIANCE_AMOUNT	NULL	NUMBER	Payback Variance Amount
LAYER_ID	NOT NULL	NUMBER	Layer Identifier
LEVEL_TYPE	NOT NULL	NUMBER	Level Type
VARIANCE_AMOUNT	NULL	NUMBER	Variance Amount
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost Element Identifier
TRANSACTION_ACTION_ID	NOT NULL	NUMBER	Transaction Action Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

## MTL\_CST\_LAYER\_ACT\_COST\_DETAILS

MTL\_CST\_LAYER\_ACT\_COST\_DETAILS stores the details of the layers consumed or created by a transaction. For issue transactions, it stores the layer quantities consumed and the cost at which they were consumed. For receipt transactions, it stores the layer created and replenished(if any) along with the cost details.

### Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LAYER_ID (PK)	NOT NULL	NUMBER	Layer identifier
INV_LAYER_ID (PK)	NOT NULL	NUMBER	Inventory layer identifier
LAYER_QUANTITY	NOT NULL	NUMBER	Current inventory layer quantity
LEVEL_TYPE (PK)	NOT NULL	NUMBER	Level identifier
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost element identifier
ACTUAL_COST	NULL	NUMBER	Actual cost of the transaction
LAYER_COST	NULL	NUMBER	Cost of the layer involved
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
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	Item identifier
VARIANCE_AMOUNT	NULL	NUMBER	Variance amount
USER_ENTERED	NOT NULL	VARCHAR2(1)	Specifies whether this row is entered by the user or the cost processor
PAYBACK_VARIANCE_AMOUNT	NULL	NUMBER	Payback variance amount

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CST_LAYER_ACT_CST_DTLS_U1	UNIQUE	2	TRANSACTION_ID
		4	ORGANIZATION_ID
		6	LAYER_ID
		8	INV_LAYER_ID
		10	COST_ELEMENT_ID
		12	LEVEL_TYPE

## MTL\_CST\_TXN\_COST\_DETAILS

MTL\_CST\_TXN\_COST\_DETAILS stores the cost of a transaction by element and level.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID INVENTORY_ITEM_ID

### Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost element identifier
LEVEL_TYPE (PK)	NOT NULL	NUMBER	Level Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Standard Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who Column
PROGRAM_ID	NULL	NUMBER	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Item identifier
TRANSACTION_COST	NULL	NUMBER	Transaction cost
NEW_AVERAGE_COST	NULL	NUMBER	New average cost of an item used only for average cost update
PERCENTAGE_CHANGE	NULL	NUMBER	Percentage change in average cost of an item used only for average cost update
VALUE_CHANGE	NULL	NUMBER	Change in inventory value of an item used only for average cost update

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CST_TXN_COST_DETAILS_U1	UNIQUE	2	TRANSACTION_ID
		4	ORGANIZATION_ID
		6	COST_ELEMENT_ID
		8	LEVEL_TYPE

MTL\_CST\_TXN\_COST\_DETAILS\_EFC

MTL\_CST\_TXN\_COST\_DETAILS\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_CST\_TXN\_COST\_DETAILS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier
NEW_AVERAGE_COST	NULL	NUMBER	New Average Cost
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost Element Identifier
TRANSACTION_COST	NULL	NUMBER	Transaction Cost
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier



## MTL\_CUSTOMER\_ITEMS

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

### Foreign Keys

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

### QuickCodes Columns

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

### Column Descriptions

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

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# Column Descriptions (Continued)

Name	Null?	Type	Description
MODEL_CUSTOMER_ITEM_ID	NULL	NUMBER	Default parent model customer item unique identifier
COMMODITY_CODE_ID	NULL	NUMBER	Customer item commodity code unique identifier
MASTER_CONTAINER_ITEM_ID	NULL	NUMBER	Master container item unique identifier
CONTAINER_ITEM_ORG_ID	NULL	NUMBER	Item master organization unique identifier for the master and detail container items
DETAIL_CONTAINER_ITEM_ID	NULL	NUMBER	Detail container item unique identifier
MIN_FILL_PERCENTAGE	NULL	NUMBER	Minimum fill percentage of the master and detail container items. Acceptable values range from 0-100
DEP_PLAN_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag indicating if departure planning is required for this customer item. Default value is 'N' (not required)
DEP_PLAN_PRIOR_BLD_FLAG	NULL	VARCHAR2(1)	Flag indicating if departure planning prior to build is required. Default value is 'N' (not required)
INACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether this customer item is active or inactive. An inactive customer item can not receive new demand. The default value is 'N' (active)
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
DEMAND_TOLERANCE_POSITIVE	NULL	NUMBER	Positive tolerance (high end) for the customer item demand
DEMAND_TOLERANCE_NEGATIVE	NULL	NUMBER	Negative tolerance (low end) for the customer item demand

## Indexes

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

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*Indexes (Continued)*

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

## MTL\_CUSTOMER\_ITEM\_XREFS

MTL\_CUSTOMER\_ITEM\_XREFS stores the relationship between customer items and inventory items. The relationship is defined at the item master organization level, and it is ranked by a preference number. This preference number is used to determine the default relationship to be used during the mapping of a customer item to an inventory item.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CUSTOMER_ITEMS	CUSTOMER_ITEM_ID	CUSTOMER_ITEM_ID
MTL_PARAMETERS	ORGANIZATION_ID	MASTER_ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID MASTER_ORGANIZATION_ID

### Column Descriptions

Name	Null?	Type	Description
CUSTOMER_ITEM_ID (PK)	NOT NULL	NUMBER	Customer item unique identifier
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item unique identifier
MASTER_ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Item master organization unique identifier. This column stores the item master organization at which this customer item cross reference is defined
PREFERENCE_NUMBER	NOT NULL	NUMBER	The preference number or rank for this customer item cross reference. It establishes the customer item cross reference preference over other customer item cross references for demand and/or shipping processing purposes
INACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether this customer item cross reference is active or inactive. An inactive customer item cross reference can not be used for translation (customer item to inventory item) of new demand or at shipping time
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	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
REQUEST_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CUSTOMER_ITEM_XREFS_U1	UNIQUE	1	CUSTOMER_ITEM_ID
		2	INVENTORY_ITEM_ID
		3	MASTER_ORGANIZATION_ID
MTL_CUSTOMER_ITEM_XREFS_U2	UNIQUE	1	CUSTOMER_ITEM_ID
		2	MASTER_ORGANIZATION_ID
		3	PREFERENCE_NUMBER

## MTL\_CYCLE\_COUNT\_CLASSES

MTL\_CYCLE\_COUNT\_CLASSES stores information about cycle count classes such as associated cycle count name, approval tolerance limits, and minimum counting frequency.

Oracle Inventory uses Cycle Count Classes as a unit for specifying and defaulting cycle count attributes. The cycle count scheduler uses counting frequency to determine if the class is eligible, and if so, how many and which items are eligible for scheduling. The count entry and approvals form uses tolerance limits to determine if an adjustment needs to be made.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ABC_ASSIGNMENT_GROUPS	ASSIGNMENT_GROUP_ID	ABC_ASSIGNMENT_GROUP_ID
MTL_ABC_CLASSES	ABC_CLASS_ID	ABC_CLASS_ID
MTL_CYCLE_COUNT_HEADERS	CYCLE_COUNT_HEADER_ID	CYCLE_COUNT_HEADER_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

### Column Descriptions

Name	Null?	Type	Description
ABC_CLASS_ID (PK)	NOT NULL	NUMBER	ABC class identifier
CYCLE_COUNT_HEADER_ID (PK)	NOT NULL	NUMBER	Cycle count 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
NUM_COUNTS_PER_YEAR	NULL	NUMBER	Number of times an item in this class should be counted per year
APPROVAL_TOLERANCE_POSITIVE	NULL	NUMBER	Positive percent tolerance, above which an adjustment transaction requires explicit approval
APPROVAL_TOLERANCE_NEGATIVE	NULL	NUMBER	Negative percent tolerance, below which an adjustment transaction requires explicit approval
COST_TOLERANCE_POSITIVE	NULL	NUMBER	Positive currency tolerance, above which an adjustment transaction requires explicit approval
COST_TOLERANCE_NEGATIVE	NULL	NUMBER	Negative currency tolerance, below which an adjustment transaction requires explicit approval
HIT_MISS_TOLERANCE_POSITIVE	NULL	NUMBER	Positive percent tolerance used for hit/miss analysis
HIT_MISS_TOLERANCE_NEGATIVE	NULL	NUMBER	Negative percent tolerance used for hit/miss analysis
ABC_ASSIGNMENT_GROUP_ID	NULL	NUMBER	Identifier of ABC group upon which this class is based
REQUEST_ID	NULL	NUMBER	Standard Who column

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*Column Descriptions (Continued)*

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

*Indexes*

Index Name	Index Type	Sequence	Column Name
MTL_CYCLE_COUNT_CLASSES_U1	UNIQUE	1	ORGANIZATION_ID
		2	CYCLE_COUNT_HEADER_ID
		3	ABC_CLASS_ID

# MTL\_CYCLE\_COUNT\_CLASSES\_EFC

MTL\_CYCLE\_COUNT\_CLASSES\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_CYCLE\_COUNT\_CLASSES prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
CYCLE_COUNT_HEADER_ID	NULL	NUMBER	Cycle Count Header Identifier
COST_TOLERANCE_NEGATIVE	NULL	NUMBER	Cost Tolerance Negative
COST_TOLERANCE_POSITIVE	NULL	NUMBER	Cost Tolerance Positive
ABC_CLASS_ID	NOT NULL	NUMBER	ABS Class Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier



## MTL\_CYCLE\_COUNT\_ENTRIES

MTL\_CYCLE\_COUNT\_ENTRIES stores the actual counts of a cycle count. A row in this table without a count is considered to be a count request. Oracle Inventory uses this information to determine and store cycle count adjustments, recounts, and approval requirements.

When a cycle count adjustment is approved, the count status is set to completed and the adjustment amount field is populated. The Cycle Count Approval form then calls a user exit to post an entry in the MTL\_MATERIAL\_TRANSACTIONS\_TEMP, from which the Oracle Inventory Transaction Processor picks it up and does the accounting, costing, and history update.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INVENTORY_ADJUSTMENT_ACCOUNT
MTL_CYCLE_COUNT_HEADERS	CYCLE_COUNT_HEADER_ID	CYCLE_COUNT_HEADER_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION ORGANIZATION_ID INVENTORY_ITEM_ID	REVISION ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_LOT_NUMBERS	LOT_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID	LOT_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY ORGANIZATION_ID
MTL_SERIAL_NUMBERS	INVENTORY_ITEM_ID SERIAL_NUMBER	INVENTORY_ITEM_ID SERIAL_NUMBER
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_TRANSACTION_REASONS	REASON_ID	TRANSACTION_REASON_ID
WMS_LICENSE_PLATE_NUMBERS	LPN_ID	PARENT_LPN_ID
WMS_LICENSE_PLATE_NUMBERS	LPN_ID	OUTERMOST_LPN_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
APPROVAL_CONDITION	MTL_CC_APPROVAL_CONDITION	MFG_LOOKUPS
	1	Found Elsewhere in the System
	2	Issued to Stores
	3	Approval Required for All Adjustments.
APPROVAL_TYPE	MTL_CC_APPROVAL_TYPES	MFG_LOOKUPS
	1	Automatic
	2	Manual
	3	Preapproved
COUNT_TYPE_CODE	MTL_CC_COUNT_TYPES	MFG_LOOKUPS
	1	Scheduled
	2	Unscheduled
	3	Control

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# *QuickCodes Columns (Continued)*

Column	QuickCodes Type	QuickCodes Table
	4	Zero Count
ENTRY_STATUS_CODE	MTL_CC_ENTRY_STATUSES	MFG_LOOKUPS
	1	Uncounted
	2	Pending Approval
	3	Recount
	4	Rejected
	5	Completed
EXPORT_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SERIAL_DETAIL	MTL_CC_SERIAL_DETAIL_OPTIONS	MFG_LOOKUPS
	1	Quantity and Serial Numbers
	2	Quantity Only

# Column Descriptions

Name	Null?	Type	Description
CYCLE_COUNT_ENTRY_ID (PK)	NOT NULL	NUMBER	Cycle count entry 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
COUNT_LIST_SEQUENCE	NULL	NUMBER	Sequence number in Count List Report
COUNT_DATE_FIRST	NULL	DATE	Date of first count
COUNT_DATE_CURRENT	NULL	DATE	Date of current count
COUNT_DATE_PRIOR	NULL	DATE	Date of count prior to current
COUNT_DATE_DUMMY	NULL	DATE	Dummy column required for protected descriptive flexfield
COUNTED_BY_EMPLOYEE_ID_FIRST	NULL	NUMBER(9)	Identifier of employee who made first count
COUNTED_BY_EMPLOYEE_ID_CURRENT	NULL	NUMBER(9)	Identifier of employee who made current count
COUNTED_BY_EMPLOYEE_ID_PRIOR	NULL	NUMBER(9)	Identifier of employee who made count prior to current
COUNTED_BY_EMPLOYEE_ID_DUMMY	NULL	NUMBER	Dummy column required for protected descriptive flexfield
COUNT_UOM_FIRST	NULL	VARCHAR2(3)	Unit of measure of first count
COUNT_UOM_CURRENT	NULL	VARCHAR2(3)	Unit of measure of current count
COUNT_UOM_PRIOR	NULL	VARCHAR2(3)	Unit of measure of count prior to current
COUNT_QUANTITY_FIRST	NULL	NUMBER	First count quantity
COUNT_QUANTITY_CURRENT	NULL	NUMBER	Current count quantity
COUNT_QUANTITY_PRIOR	NULL	NUMBER	Quantity counted in count prior to current
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
SUBINVENTORY	NOT NULL	VARCHAR2(10)	Subinventory-name
ENTRY_STATUS_CODE	NULL	NUMBER	Current status of count entry
COUNT_DUE_DATE	NULL	DATE	Date count is due
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
CYCLE_COUNT_HEADER_ID	NOT NULL	NUMBER	Cycle count identifier
NUMBER_OF_COUNTS	NULL	NUMBER	Number of counts that have been made on this entry
LOCATOR_ID	NULL	NUMBER	Locator identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
ADJUSTMENT_QUANTITY	NULL	NUMBER	Quantity of adjustment to bring system quantity in line with count quantity
ADJUSTMENT_DATE	NULL	DATE	Date adjustment transaction was posted
ADJUSTMENT_AMOUNT	NULL	NUMBER	Cost of adjustment transaction
ITEM_UNIT_COST	NULL	NUMBER	Cost of item per unit
INVENTORY_ADJUSTMENT_ACCOUNT	NULL	NUMBER	GL account to which adjustment transaction was posted
APPROVAL_DATE	NULL	DATE	Date adjustment was approved
APPROVER_EMPLOYEE_ID	NULL	NUMBER(9)	Identifier of employee who approved the adjustment
REVISION	NULL	VARCHAR2(3)	Item revision code
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
LOT_CONTROL	NULL	VARCHAR2(1)	Dummy column required for protected descriptive flexfield
SYSTEM_QUANTITY_FIRST	NULL	NUMBER	System quantity at time of first count
SYSTEM_QUANTITY_CURRENT	NULL	NUMBER	System quantity at time of current count
SYSTEM_QUANTITY_PRIOR	NULL	NUMBER	System quantity at time of count prior to current
REFERENCE_FIRST	NULL	VARCHAR2(240)	Notes pertaining to first count
REFERENCE_CURRENT	NULL	VARCHAR2(240)	Notes pertaining to current count
REFERENCE_PRIOR	NULL	VARCHAR2(240)	Notes pertaining to count prior to current
PRIMARY_UOM_QUANTITY_FIRST	NULL	NUMBER	Quantity of first count at item's primary unit of measure
PRIMARY_UOM_QUANTITY_CURRENT	NULL	NUMBER	Quantity of current count at item's primary unit of measure
PRIMARY_UOM_QUANTITY_PRIOR	NULL	NUMBER	Quantity of count prior to current at item's primary unit of measure
COUNT_TYPE_CODE	NULL	NUMBER	Type of count performed
TRANSACTION_REASON_ID	NULL	NUMBER	Reason adjustment transaction was performed
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
APPROVAL_TYPE	NULL	NUMBER	Type of approval given
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
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial number to be counted in case of 'ONE SERIAL NUMBER / COUNT' option
SERIAL_DETAIL	NULL	NUMBER	Detail level of serial count
APPROVAL_CONDITION	NULL	NUMBER	Condition of approval
NEG_ADJUSTMENT_QUANTITY	NULL	NUMBER	Quantity of negative adjustment
NEG_ADJUSTMENT_AMOUNT	NULL	NUMBER	Value of negative adjustment
EXPORT_FLAG	NULL	NUMBER	Exported Flag, 1 - Yes, 2 - No
PARENT_LPN_ID	NULL	NUMBER	Parent LPN Identifier of the item.
OUTERMOST_LPN_ID	NULL	NUMBER	Outermost LPN Identifier of the item.
STANDARD_OPERATION_ID	NULL	NUMBER	Standard Operation Identifier
TASK_PRIORITY	NULL	NUMBER	Task Priority
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifier - Used by WMS only

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CYCLE_COUNT_ENTRIES_N1	NOT UNIQUE	1	CYCLE_COUNT_HEADER_ID
		2	ORGANIZATION_ID
		3	INVENTORY_ITEM_ID
		4	SUBINVENTORY
		5	LOCATOR_ID
		6	REVISION
		7	LOT_NUMBER
MTL_CYCLE_COUNT_ENTRIES_N2	NOT UNIQUE	1	CYCLE_COUNT_HEADER_ID
		2	ORGANIZATION_ID
		3	SUBINVENTORY
		4	COUNT_LIST_SEQUENCE
MTL_CYCLE_COUNT_ENTRIES_N3	NOT UNIQUE	1	CYCLE_COUNT_HEADER_ID
		2	COUNT_LIST_SEQUENCE
MTL_CYCLE_COUNT_ENTRIES_N4	NOT UNIQUE	1	CYCLE_COUNT_HEADER_ID
		2	INVENTORY_ITEM_ID
MTL_CYCLE_COUNT_ENTRIES_N5	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	CREATION_DATE
MTL_CYCLE_COUNT_ENTRIES_N6	NOT UNIQUE	1	ENTRY_STATUS_CODE
		2	COUNT_DUE_DATE
		3	EXPORT_FLAG
MTL_CYCLE_COUNT_ENTRIES_N7	NOT UNIQUE	1	ORGANIZATION_ID
		2	STANDARD_OPERATION_ID
MTL_CYCLE_COUNT_ENTRIES_U1	UNIQUE	1	CYCLE_COUNT_ENTRY_ID

## Sequences

Sequence	Derived Column
MTL_CYCLE_COUNT_ENTRIES_S	CYCLE_COUNT_ENTRY_ID

## Database Triggers

Trigger Name : MTL\_CYCLE\_COUNT\_CENTRIES\_T1  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : UPDATE

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## MTL\_CYCLE\_COUNT\_ENTRIES\_EFC

MTL\_CYCLE\_COUNT\_ENTRIES\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_CYCLE\_COUNT\_ENTRIES prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
ADJUSTMENT_AMOUNT	NULL	NUMBER	Adjustment Amount
CYCLE_COUNT_ENTRY_ID	NOT NULL	NUMBER	Cycle Count Entry Identifier
ITEM_UNIT_COST	NULL	NUMBER	Item Unit Cost
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

## MTL\_CYCLE\_COUNT\_HEADERS

MTL\_CYCLE\_COUNT\_HEADERS stores information about cycle count names.

Oracle Inventory uses this information to keep track of all cycle count names defined, to indicate tolerance/approval limits, cycle count calendar and exception set, ABC initialization information, scheduling options, and recount options.

A cycle count name is also a management entity, whose purpose is to be the repository of cycle count requirements for a specific application. A cycle count name is used in performance reports, accuracy reports, and in grouping scheduling requests, count requests, count entries and approvals.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDARS	CALENDAR_CODE	CYCLE_COUNT_CALENDAR
BOM_EXCEPTION_SETS	EXCEPTION_SET_ID	CALENDAR_EXCEPTION_SET
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INVENTORY_ADJUSTMENT_ACCOUNT
MTL_ABC_ASSIGNMENT_GROUPS	ASSIGNMENT_GROUP_ID	ABC_ASSIGNMENT_GROUP_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ABC_INITIALIZATION_STATUS	MTL_CC_INITIALIZATION_STATUS	MFG_LOOKUPS
	1	None
	2	Working
	3	Completed
	4	Error
APPROVAL_OPTION_CODE	MTL_APPROVAL_REQ	MFG_LOOKUPS
	1	Required for all adjustments
	2	Not required for adjustments
	3	Required for adjustments out of tolerance
AUTOMATIC_RECOUNT_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
AUTOSCHEDULE_ENABLED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
ONHAND_VISIBLE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
ORIENTATION_CODE	MTL_CC_ORIENTATION	MFG_LOOKUPS
	1	Organization
	2	Subinventory
SCHEDULE_INTERVAL_TIME	MTL_CC_SCHED_TIME	MFG_LOOKUPS
	1	Days
	2	Weeks

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	3	Periods
SERIAL_ADJUSTMENT_OPTION	MTL_CC_SERIAL_ADJ_OPTIONS	MFG_LOOKUPS
	1	Adjust if Possible
	2	Review All Adjustments
SERIAL_COUNT_OPTION	MTL_CC_SERIAL_COUNT_OPTIONS	MFG_LOOKUPS
	1	Not Allowed
	2	One Per Request
	3	Multiple Per Request
SERIAL_DETAIL_OPTION	MTL_CC_SERIAL_DETAIL_OPTIONS	MFG_LOOKUPS
	1	Quantity and Serial Numbers
	2	Quantity Only
SERIAL_DISCREPANCY_OPTION	MTL_CC_SERIAL_DISCREPY_OPTIONS	MFG_LOOKUPS
	1	Allow
	2	Do Not Allow
UNSCHEDULED_COUNT_ENTRY	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
ZERO_COUNT_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
CYCLE_COUNT_HEADER_ID (PK)	NOT NULL	NUMBER	Cycle count 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
CYCLE_COUNT_HEADER_NAME	NOT NULL	VARCHAR2(30)	User-visible name of this cycle count
INVENTORY_ADJUSTMENT_ACCOUNT	NOT NULL	NUMBER	GL account to which to post adjustment transactions
ORIENTATION_CODE	NOT NULL	NUMBER	Scope of cycle count: organization-wide, or subset of subinventories
ABC_ASSIGNMENT_GROUP_ID	NULL	NUMBER	ABC group from which item-classification was initialized
ONHAND_VISIBLE_FLAG	NULL	NUMBER	Whether or not to display onhand quantity during count entry
DAYS_UNTIL_LATE	NULL	NUMBER	Number of days after a count is scheduled that it is considered late
AUTOSCHEDULE_ENABLED_FLAG	NOT NULL	NUMBER	Whether or not count-scheduling should be done automatically by Oracle Inventory
SCHEDULE_INTERVAL_TIME	NULL	NUMBER	Time interval between two consecutive scheduling runs
ZERO_COUNT_FLAG	NULL	NUMBER	Whether or not cycle counts should be requested for SKU's with system quantity of zero
HEADER_LAST_SCHEDULE_DATE	NULL	DATE	Date of last scheduling run for this cycle count

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Column Descriptions (Continued)

Name	Null?	Type	Description
HEADER_NEXT_SCHEDULE_DATE	NULL	DATE	Date that this cycle count should next be scheduled
DISABLE_DATE	NULL	DATE	Date this cycle count becomes inactive
APPROVAL_OPTION_CODE	NULL	NUMBER	Approval required for adjustment transactions
AUTOMATIC_RECOUNT_FLAG	NULL	NUMBER	Whether or not to automatically order a recount when a count is out of tolerance
NEXT_USER_COUNT_SEQUENCE	NULL	NUMBER	Next sequence-number for the Count List Report
UNSCHEDULED_COUNT_ENTRY	NULL	NUMBER	Whether or not to allow unscheduled counts to be entered
CYCLE_COUNT_CALENDAR	NULL	VARCHAR2(10)	Manufacturing calendar used by the cycle count scheduler
CALENDAR_EXCEPTION_SET	NULL	NUMBER	Exception-set for the cycle count manufacturing calendar
APPROVAL_TOLERANCE_POSITIVE	NULL	NUMBER	Positive percent tolerance, above which an adjustment transaction requires explicit approval
APPROVAL_TOLERANCE_NEGATIVE	NULL	NUMBER	Negative percent tolerance, below which an adjustment transaction requires explicit approval
COST_TOLERANCE_POSITIVE	NULL	NUMBER	Positive currency tolerance, above which an adjustment transaction requires explicit approval
COST_TOLERANCE_NEGATIVE	NULL	NUMBER	Negative currency tolerance, below which an adjustment transaction requires explicit approval
HIT_MISS_TOLERANCE_POSITIVE	NULL	NUMBER	Positive percent tolerance used for hit/miss analysis
HIT_MISS_TOLERANCE_NEGATIVE	NULL	NUMBER	Negative percent tolerance used for hit/miss analysis
ABC_INITIALIZATION_STATUS	NULL	NUMBER	Processing status of the item-initialization process
DESCRIPTION	NULL	VARCHAR2(240)	Description of this cycle count
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
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)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
MAXIMUM_AUTO_RECOUNTS	NULL	NUMBER	Maximum number of recounts Oracle Inventory will automatically order
SERIAL_COUNT_OPTION	NULL	NUMBER	Options for including serial controlled items in the count generation
SERIAL_DETAIL_OPTION	NULL	NUMBER	Detail level for counting serial controlled items
SERIAL_ADJUSTMENT_OPTION	NULL	NUMBER	Adjustment options for adjustment in serial controlled items
SERIAL_DISCREPANCY_OPTION	NULL	NUMBER	"Allow/Do not allow" discrepancy while counting serial controlled items
CONTAINER_ADJUSTMENT_OPTION	NULL	NUMBER	Container Adjustment Option - Used by WMS only
CONTAINER_DISCREPANCY_OPTION	NULL	NUMBER	Container Discrepancy Option - Used by WMS only
CONTAINER_ENABLED_FLAG	NULL	NUMBER	Container Option Enabled Flag - Used by WMS only
CYCLE_COUNT_TYPE	NULL	NUMBER	Type of cycle count
SCHEDULE_EMPTY_LOCATIONS	NULL	NUMBER	Schedule Empty Locations
DEFAULT_NUM_COUNTS_PER_YEAR	NULL	NUMBER	Number of times a location in this subinventory should be counted per year at header level.

*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MTL_CYCLE_COUNT_HEADERS_U1	UNIQUE	1	CYCLE_COUNT_HEADER_ID
MTL_CYCLE_COUNT_HEADERS_U2	UNIQUE	1	ORGANIZATION_ID
		2	CYCLE_COUNT_HEADER_ID

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
MTL_CYCLE_COUNT_HEADERS_S	CYCLE_COUNT_HEADER_ID

## MTL\_CYCLE\_COUNT\_HEADERS\_EFC

MTL\_CYCLE\_COUNT\_HEADERS\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_CYCLE\_COUNT\_HEADERS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
CYCLE_COUNT_HEADER_ID	NOT NULL	NUMBER	Cycle Count Header Identifier
COST_TOLERANCE_NEGATIVE	NULL	NUMBER	Cost Tolerance Negative
COST_TOLERANCE_POSITIVE	NULL	NUMBER	Cost Tolerance Positive
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

## MTL\_CYCLE\_COUNT\_ITEMS

MTL\_CYCLE\_COUNT\_ITEMS stores information about all the items that are eligible for cycle counting within the scope of a cycle count name. Oracle Inventory uses this information to direct and validate the cycle count scheduling process when entering manual schedule requests. It includes specific information regarding the item, including its class-assignment and the date it was last scheduled to be counted by the cycle count.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ABC_CLASSES	ABC_CLASS_ID	ABC_CLASS_ID
MTL_CYCLE_COUNT_CLASSES	ABC_CLASS_ID	ABC_CLASS_ID
	CYCLE_COUNT_HEADER_ID	CYCLE_COUNT_HEADER_ID
MTL_CYCLE_COUNT_HEADERS	CYCLE_COUNT_HEADER_ID	CYCLE_COUNT_HEADER_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
APPROVAL_TOLERANCE_NEGATIVE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CONTROL_GROUP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

### Column Descriptions

Name	Null?	Type	Description
CYCLE_COUNT_HEADER_ID (PK)	NOT NULL	NUMBER	Cycle count identifier
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ABC_CLASS_ID	NOT NULL	NUMBER	ABC class identifier
ITEM_LAST_SCHEDULE_DATE	NULL	DATE	Date item was last scheduled to be counted
SCHEDULE_ORDER	NULL	NUMBER	Order in which item will be scheduled, relative to the schedule-order of other items within this cycle count
APPROVAL_TOLERANCE_POSITIVE	NULL	NUMBER	Positive percent tolerance, above which an adjustment transactions requires explicit approval
APPROVAL_TOLERANCE_NEGATIVE	NULL	NUMBER	Negative percent tolerance, below which an adjustment transaction requires explicit approval
CONTROL_GROUP_FLAG	NULL	NUMBER	Whether or not this item is a control item to be scheduled every time a schedule is run
REQUEST_ID	NULL	NUMBER	Standard Who column

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# Column Descriptions (Continued)

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

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CYCLE_COUNT_ITEMS_U1	UNIQUE	1	CYCLE_COUNT_HEADER_ID
		2	INVENTORY_ITEM_ID
MTL_CYCLE_COUNT_ITEMS_U2	UNIQUE	1	CYCLE_COUNT_HEADER_ID
		2	ABC_CLASS_ID
		3	INVENTORY_ITEM_ID

## MTL\_DEFAULT\_CATEGORY\_SETS

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

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

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

### Foreign Keys

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

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
FUNCTIONAL_AREA_ID (PK)	NOT NULL	NUMBER	Functional area identifier
CATEGORY_SET_ID (PK)	NOT NULL	NUMBER	Default category set identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MTL_DEFAULT_CATEGORY_SETS_U1	UNIQUE	1	FUNCTIONAL_AREA_ID

## 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 (ie, specific subinventory, locator, revision and lot) against any sources (ie, 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	DEMAND_SOURCE_HEADER_ID
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID	LOCATOR_ID
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_ITEM_REVISIONS	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	REVISION	REVISION
MTL_LOT_NUMBERS	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	LOT_NUMBER	LOT_NUMBER
MTL_SALES_ORDERS	SALES_ORDER_ID	DEMAND_SOURCE_HEADER_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	SUBINVENTORY
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	DUPLICATED_CONFIG_ITEM_ID
	ORGANIZATION_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

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

# 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_N12	NOT UNIQUE	5	INVENTORY_ITEM_ID
		10	ORGANIZATION_ID
		15	DEMAND_SOURCE_LINE
MTL_DEMAND_N13	NOT UNIQUE	5	DEMAND_SOURCE_LINE
MTL_DEMAND_N14	NOT UNIQUE	20	BILL_TO_SITE_USE_ID
		25	SHIP_TO_SITE_USE_ID
		30	CUSTOMER_ID
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\_DEMAND\_HISTORIES

MTL\_DEMAND\_HISTORIES stores summarized transaction history from MTL\_MATERIAL\_TRANSACTIONS. This summarized history serves as the input for forecasting future material usage.

### 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

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PERIOD_TYPE	MTL_PERIOD_TYPES	MFG_LOOKUPS
	1	Daily period
	2	Weekly period
	3	Calendar period

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
PERIOD_START_DATE (PK)	NOT NULL	DATE	Demand/usage previous period starting date
PERIOD_TYPE (PK)	NOT NULL	NUMBER	Period used to summarized demand
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
STD_WIP_USAGE	NOT NULL	NUMBER	Quantity issued to WIP jobs during period
CLOSED_FLAG	NULL	VARCHAR2(1)	Flag calendar periods that have been summarized and "frozen"
SALES_ORDER_DEMAND	NOT NULL	NUMBER	Quantity shipped during period
MISCELLANEOUS_ISSUE	NOT NULL	NUMBER	Quantity issued to accounts, account aliases, and user-defined during period
INTERORG_ISSUE	NOT NULL	NUMBER	Quantity issued to intransit and inter-organization transactions during period
C_COLUMN1	NULL	VARCHAR2(240)	(not currently used)
C_COLUMN2	NULL	VARCHAR2(240)	(not currently used)
C_COLUMN3	NULL	VARCHAR2(240)	(not currently used)
C_COLUMN4	NULL	VARCHAR2(240)	(not currently used)
C_COLUMN5	NULL	VARCHAR2(240)	(not currently used)
N_COLUMN1	NULL	NUMBER	(not currently used)
N_COLUMN2	NULL	NUMBER	(not currently used)
N_COLUMN3	NULL	NUMBER	(not currently used)
N_COLUMN4	NULL	NUMBER	(not currently used)
N_COLUMN5	NULL	NUMBER	(not currently used)
D_COLUMN1	NULL	DATE	(not currently used)
D_COLUMN2	NULL	DATE	(not currently used)
D_COLUMN3	NULL	DATE	(not currently used)

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*Column Descriptions (Continued)*

Name	Null?	Type	Description
D_COLUMN4	NULL	DATE	(not currently used)
D_COLUMN5	NULL	DATE	(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_DEMAND_HISTORIES_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	PERIOD_TYPE
		3	ORGANIZATION_ID
		4	PERIOD_START_DATE

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## MTL\_DEMAND\_INTERFACE

MTL\_DEMAND\_INTERFACE is the interface point between non-Inventory applications and the Inventory demand module.

Records inserted into this table are processed by the Demand Manager concurrent program. Processing consists of data validation and insertion into the MTL\_DEMAND table through the Inventory functions. ACTION\_CODE column determines which Inventory function to perform. ACTION\_CODE also governs the requirements for different parameters. In other words, different functions may require different parameters.

MTL\_DEMAND\_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 Demand Manager will validate that any given identifiers are valid and enabled. If no identifier is given, then the Demand Manager will validate and decode the flexfield segment values where appropriate. The Demand Manager creates new sales order flexfield combinations in the database, if the passed one does not exist.

The Demand Manager uses the columns TRANSACTION\_MODE, PROCESS\_FLAG, and ERROR\_CODE to manipulate the records in the table. Only records with PROCESS\_FLAG of '1' and ERROR\_CODE of NULL will be processed. If a record fails to process completely, then ERROR\_CODE will be given a number indicating what type of error has occurred.

Almost all the demand and reservation functions can be performed through this interface table. Again, ACTION\_CODE determines what function to perform. The following lists all the demand reservation functions that are currently supported through interface table.

Action: 100 Function: ATP Check

Perform a group ATP check.

Action: 110 Function: Demand Add

Add a new demand or replace an existing demand.

Action: 130 Function: Reservation Add

Add a new reservation or replace an existing reservation.

Action: 140 Function: Reservation Modify

Modify an existing reservation.

Action: 150 Function: Demand and Reservation Add

Add/replace a demand and a reservation

Action: 160 Function: Demand and Reservation Transfer

Transfer an open demand or a reservation to a new delivery.

Action: 210 Function: Link Supply Demand

Establish a linkage between a demand and a WIP job (ie, a supply source).

Action: 220 Function: Delink Supply Demand

Remove a linkage between a demand and a WIP job (ie, a supply source).

Action: 320 Function: WIP Job Completion

Convert a WIP job reservation to an on-hand reservation.

Action: 330 Function: WIP Job Return

Convert an on-hand reservation back to a WIP job reservation.

Action: 410 Function: Update Forecast Attributes

Update forecast attributes.

Action: 420 Function: Pick Release

Pick release demands or reservations.

Action: 610 Function: ATS Query

Provide the on-hand quantity and available to reserve quantity for an item given a specified inventory control detail.

Action: 620 Function: ATS Quick Pick

Provide all the on-hand quantity and available to reserve quantity for an item within each specified control detail.

Action: 630 Function: Link Configuration Item

Create a configuration demand and deactivate a set of demands that represent the customer order.

Action: 640 Function: Delink Configuration Item

Delete a configuration demand and reactivate the corresponding set of customer demands.

Action: 650 Function: Decrease Configuration Item Quantity



Decrease a configuration item quantity. The quantities in the corresponding set of customer demands are decremented accordingly.

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DEMAND_SOURCE_HEADER_ID
MTL_ATP_RULES	RULE_ID	ATP_RULE_ID
MTL_DEMAND	DEMAND_ID	DEMAND_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_UNITS_OF_MEASURE_TL	UOM_CODE	LINE_ITEM_UOM
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	LINE_ITEM_UNIT_OF_MEASURE

#### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTION_CODE	MTL_DEMAND_ACTION_CODE	MFG_LOOKUPS
	0	Reservation Action - None
	100	ATP Check
	110	Demand Add
	120	Demand Modify
	130	Reservation Add
	140	Reservation Modify
	150	Demand and Reservation Add
	160	Demand/Reservation Transfer
	210	Link Supply Demand (Supply Order Reservation)
	220	DeLink Supply Demand (Supply Order Un-reserve)
	310	Reservation Transfer (Simple)
	320	Receipt Transfer (Job Compl.)
	330	Return Transfer (Job Return)
	410	Update Forecasting Attribute
	420	Pick Release (Autodetail)
	610	ATS Query
ATP_CHECK	620	ATS QuickPick
	630	Link Configuration Item
	640	Delink Configuration Item
	650	Decrease Config. Item Qty
	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
ATP_COMPONENTS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
AUTODETAIL_EXPENSE_SUBINV_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CHECK_ATR	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CONFIG_STATUS	MTL_CONFIG_STATUS	MFG_LOOKUPS
	10	Not available for config item creation
	20	Available for config item creation
	80	Demand transferred to config item (inactive)
DEMAND_TYPE	MTL_DEMAND_TYPE	MFG_LOOKUPS
	1	ATO Model
	2	Option Class
	3	Option
	4	Configuration
	5	Derived
	6	Standard
ERROR_CODE	MTL_DEMAND_INTERFACE_ERRORS	MFG_LOOKUPS
	1	Invalid Action code
	10	Quantity not available to transact
	11	Item is not a reservable item
	12	Organization information not found
	13	Invalid locator control found
	14	Quantity tree Node not found
	15	No autotetailing information available
	16	Current detail level not found
	17	Not enough info to do processing
	18	UOM Conversion error
	19	One of the group elements failed
	2	One of the function calls failed
	20	No requirement date given
	21	Organization Not found
	22	Unit of measure not found
	23	ATP Processing error
	24	Error reading a profile option
	25	No BOM attributes found
	26	Cannot delink a config item
	27	Bad Purchase order number
	28	Bad Sales Order

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## QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	29	Bad Account number
	3	SQL Statement Error
	30	Bad Account alias number
	31	Bad Source type
	32	Invalid number of arguments
	33	Flexfield validation failed
	34	Bad inventory item id
	35	Bad Location Id
	36	Bad consumption of open demand
	37	Invalid set of options
	38	Bad Subinventory
	39	Fail to create quantity tree
	4	Item Not found
	40	Invalid demand type
	41	Request quantity exceeds unshipped
	42	Duplicate demand key
	43	Wip transactions in process
	44	Picking rule not found
	45	Fail to build SQL statements
	46	Unable to find model row
	47	Unable to find a calendar date
	48	Subinventory is not reservable
	5	No memory could be allocated
	50	Unable to find a group date
	51	No request date, quantity and infinite supply date specified
	52	Unable to meet the request quantity
	53	Unable to meet the latest acceptable date
	54	Exceed ATP memory size
	55	Unable to find ATP organization calendar
	56	Mutiple ATP calendars
	57	Invalid ATP rule
	58	Unable to meet the request quantity for resources
	59	Unable to meet request quantity for materials and resources
	6	Internal Data Corruption
	60	Unable to find parent row for the explosion group
	61	Nonshippable Item requiring no ATP checks, not included in A
	7	Invalid Request
	8	Invalid quantity
	9	Demand row not found
GROUP_ATP_CHECK	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

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# *QuickCodes Columns (Continued)*

Column	QuickCodes Type	QuickCodes Table
LOCK_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PARTIALS_ALLOWED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PROCESS_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
SINGLE_LOT_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
TRANSACTION_MODE	MTL_TRANSACTION_MODE	MFG_LOOKUPS
	1	On-line processing
	2	Concurrent processing
	3	Background processing
VALIDATE_ROWS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

## *Column Descriptions*

Name	Null?	Type	Description
SCHEDULE_GROUP_ID	NULL	NUMBER	Identifies a group of transactions that are to be processed together. All transactions in the group must succeed or the group will be failed
DEMAND_SOURCE_TYPE	NULL	NUMBER	Code to indicate the source of the demand
DEMAND_SOURCE_HEADER_ID	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	NULL	VARCHAR2(30)	Line id of demand source. For Sales Order demand this is: SO_LINES.LINE_ID
DEMAND_SOURCE_DELIVERY	NULL	VARCHAR2(30)	For Sales Order demand, Line id of Sales order line detail row (SO_LINE_DETAILS.LINE_DETAIL_ID )
LOCK_FLAG	NULL	NUMBER	Used by demand functions to lock a parent row when updating so that other processes will not update this parent and its children rows at the same time

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATP_CHECK	NULL	NUMBER	Flag to indicate if the item in the row should be ATP checked. If null then the validator will automatically populate it from ATP_FLAG in MTL_SYSTEM_ITEMS
ACTION_CODE	NULL	NUMBER	An interface code to activate one of the Inventory demand functions
VALIDATE_ROWS	NULL	NUMBER	Flag to indicate if the row need to be validated before being processed. Should be set to Yes in most situations
TRANSACTION_MODE	NULL	NUMBER	A flag to indicate processing mode: 1 - Online; 2 - Immediate Concurrent Program Mode; ; 3 - Batch
PROCESS_FLAG	NULL	NUMBER	A flag to indicate if row should be processed by demand interface processor.
SINGLE_LOT_FLAG	NULL	NUMBER	Flag to indicate if the reservation should reserve the request quantity from a single lot
DETAIL_RESERVE_FLAG	NULL	NUMBER	(not currently used)
RESERVE_LEVEL	NULL	NUMBER	Code to indicate which level of detail for the reservation. 0 - Organization Level; 1 - Item Level; 2 - Revision Level; 3 - Lot Level; 5 - Subinventory Level; 6 - Locator Level
CHECK_ATR	NULL	NUMBER	Flag to indicate if Available to Reserve check should be completed. In most situation this flag should be set to Yes
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ERROR_CODE	NULL	NUMBER	Error code returned by the demand processor
ERR_EXPLANATION	NULL	VARCHAR2(240)	Error explanation text
REQUIREMENT_DATE	NULL	DATE	Earliest date that demand should be scheduled. If null then it is treated as today's date
LINE_ITEM_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Long name of the unit of measure of the LINE_ITEM_QUANTITY
LINE_ITEM_UOM	NULL	VARCHAR2(3)	Unit of mesaure code of line item quantity. If both LINE_ITEM_UOM and LINE_ITEM_UNIT_OF_MEASURE are not specified, validator will automatically populate it as primary uom code
LINE_ITEM_QUANTITY	NOT NULL	NUMBER	The item quantity with respect to the line item uom.
LINE_ITEM_RESERVATION_QTY	NULL	NUMBER	Item reservation quantity in terms of line item uom

Column Descriptions (Continued)

Name	Null?	Type	Description
PRIMARY_UOM	NULL	VARCHAR2(3)	The line item qty with respect to the item's primary uom from MTL_SYSTEM_ITEMS. The validator automatically populates this column
PRIMARY_UOM_QUANTITY	NULL	NUMBER	The line item qty with respect to the item's primary uom, vaidator populated
RESERVATION_QUANTITY	NULL	NUMBER	Reservation quantity in terms of primary unit of measure of the item, validator populated
ATP_RULE_ID	NULL	NUMBER	ATP rule identifier, validator populated if null
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
ORGANIZATION_NAME	NULL	VARCHAR2(60)	Organization identifier by name
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ITEM_SEGMENT1	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT2	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT3	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT4	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT5	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT6	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT7	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT8	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT9	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT10	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT11	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT12	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT13	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT14	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT15	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT16	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT17	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT18	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT19	NULL	VARCHAR2(40)	Item Flexfield segment column
ITEM_SEGMENT20	NULL	VARCHAR2(40)	Item Flexfield segment column
DEMAND_HEADER_SEGMENT1	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT2	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT3	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT4	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT5	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT6	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT7	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT8	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT9	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT10	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT11	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT12	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT13	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT14	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT15	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT16	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT17	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT18	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT19	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT20	NULL	VARCHAR2(40)	Flexfield segment column

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Column Descriptions (Continued)

Name	Null?	Type	Description
DEMAND_HEADER_SEGMENT21	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT22	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT23	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT24	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT25	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT26	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT27	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT28	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT29	NULL	VARCHAR2(40)	Flexfield segment column
DEMAND_HEADER_SEGMENT30	NULL	VARCHAR2(40)	Flexfield segment column
EXTERNAL_SOURCE_CODE	NULL	VARCHAR2(30)	Used to document external sourced demand
EXTERNAL_SOURCE_LINE_ID	NULL	NUMBER	Used to document external sourced demand
SUPPLY_SOURCE_TYPE	NULL	NUMBER	Source of supply for reservation, only populated if reservation is not to on hand
SUPPLY_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
USER_LINE_NUM	NULL	VARCHAR2(30)	For sales order demand this is SO_LINES.LINE_NUMBER, used for display only
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
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 rows
LOCATOR_ID	NULL	NUMBER	Location identifier for reserved item, only populated when reservation is specific to a locator
LOC_SEGMENT1	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT2	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT3	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT4	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT5	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT6	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT7	NULL	VARCHAR2(40)	Locator flexfield segment column

Column Descriptions (Continued)

Name	Null?	Type	Description
LOC_SEGMENT8	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT9	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT10	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT11	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT12	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT13	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT14	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT15	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT16	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT17	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT18	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT19	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT20	NULL	VARCHAR2(40)	Locator flexfield segment column
AUTODETAIL_GROUP_ID	NULL	NUMBER	ID used when calling the Autodetail process
COMPONENT_SEQUENCE_ID	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 (Option or Opt Class) 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 ATO Model demand
RTO_PREVIOUS_QTY	NULL	NUMBER	(not used in this table)
CONFIG_STATUS	NULL	NUMBER	Code to indicate status of Configured item creation for ATO Model demand
OLD_REVISION	NULL	VARCHAR2(3)	Used to identify existing reservation row for certain action codes
OLD_LOT_NUMBER	NULL	VARCHAR2(30)	Used to identify existing reservation row for certain action codes
OLD_SERIAL_NUMBER	NULL	VARCHAR2(30)	(not currently used)
OLD_SUBINVENTORY	NULL	VARCHAR2(10)	Used to identify existing reservation row for certain action codes
OLD_LOCATOR_ID	NULL	NUMBER	Used to identify existing reservation row for certain action codes
OLD_LOC_SEGMENT1	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT2	NULL	VARCHAR2(40)	Old location flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
OLD_LOC_SEGMENT3	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT4	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT5	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT6	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT7	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT8	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT9	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT10	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT11	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT12	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT13	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT14	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT15	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT16	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT17	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT18	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT19	NULL	VARCHAR2(40)	Old location flexfield segment
OLD_LOC_SEGMENT20	NULL	VARCHAR2(40)	Old location flexfield segment
SUPPLY_GROUP_ID	NULL	NUMBER	(not used in this table)
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class, used for ATP and Planning purposes
CUSTOMER_ID	NULL	NUMBER	Customer identifier associated with the demand, used by MRP to consume forecast entries
TERRITORY_ID	NULL	NUMBER	Territory identifier used by MRP to consume forecast entries
BILL_TO_SITE_USE_ID	NULL	NUMBER	Bill to identifier used by MRP to consume forecast entries
SHIP_TO_SITE_USE_ID	NULL	NUMBER	Ship to identifier used by MRP to consume forecast entries
DESCRIPTION	NULL	VARCHAR2(50)	(not currently used)
LOT_EXPIRATION_CUTOFF_DATE	NULL	DATE	For autodetailing, if specified all lots with earlier expiration dates will be ignored
PARTIALS_ALLOWED_FLAG	NULL	NUMBER	Used in autodetail and other reservation actions to indicate if a partial quantity should be reserved when the total quantity is not available (not currently used)
AUTOSCHEDULE_DEMAND_QUANTITY	NULL	NUMBER	Available quantity on the request date, populated by ATP
REQUEST_DATE_ATP_QUANTITY	NULL	NUMBER	The earliest date that can satisfy the requested quantity regardless of the request date, populated by ATP
EARLIEST_ATP_DATE	NULL	DATE	Maximum quantity available on the Earliest ATP Date, populated by ATP
EARLIEST_ATP_DATE_QUANTITY	NULL	NUMBER	First date on/after the required date that has enough to satisfy the requested quantity, populated by ATP
REQUEST_ATP_DATE	NULL	DATE	Maximum available quantity on the Request ATP date, populated by ATP
REQUEST_ATP_DATE_QUANTITY	NULL	NUMBER	

Column Descriptions (Continued)

Name	Null?	Type	Description
GROUP_AVAILABLE_DATE	NULL	DATE	The earliest date that all the requested quantity for each item in the group can be satisfied
ACCUMULATION_WINDOW	NULL	NUMBER	(not currently used, comes from ATP Rule)
ATP_LEAD_TIME	NULL	NUMBER	Number of days earlier than the parent requirement date that a component must be available to allow for assembly of the parent
INFINITE_TIME_FENCE_DATE	NULL	DATE	On and after this date an infinite supply is assumed, populated by ATP, use to determine if available date is from infinite supply
GROUP_ATP_CHECK	NULL	NUMBER	Flag to indicate if all the items under the same group id will be treated as a group atp (ie, return the same GROUP_AVAILABLE_DATE), if not passed, validator populates with 2 (No).
BOM_LEVEL	NULL	NUMBER	Used by BOM exploder to store the level for the explosion process
EXPLOSION_EFFECTIVITY_DATE	NULL	DATE	Date used by BOM exploder when a fixed BOM structure as of a certain date is required
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
C_COLUMN1	NULL	VARCHAR2(240)	(not currently used)
C_COLUMN2	NULL	VARCHAR2(240)	Partial allowed flag within an ATP group
C_COLUMN3	NULL	VARCHAR2(240)	Partial allowed flag for the schedule group
C_COLUMN4	NULL	VARCHAR2(240)	(not currently used)
C_COLUMN5	NULL	VARCHAR2(240)	(not currently used)
C_COLUMN6	NULL	VARCHAR2(240)	(not currently used)
C_COLUMN7	NULL	VARCHAR2(240)	(not currently used)
C_COLUMN8	NULL	VARCHAR2(240)	(not currently used)
N_COLUMN1	NULL	NUMBER	Column used to identify record originated from Supply Demand Inquiry
N_COLUMN2	NULL	NUMBER	(not currently used)

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Column Descriptions (Continued)

Name	Null?	Type	Description
N_COLUMN3	NULL	NUMBER	(not currently used)
N_COLUMN4	NULL	NUMBER	Column used to mark record and its detail in MTL_SUPPLY_DEMAND_TEMP for deletion
N_COLUMN5	NULL	NUMBER	Column used to create a unique sequence for array management while processing
D_COLUMN1	NULL	DATE	(not currently used)
D_COLUMN2	NULL	DATE	(not currently used)
D_COLUMN3	NULL	DATE	(not currently used)
D_COLUMN4	NULL	DATE	(not currently used)
D_COLUMN5	NULL	DATE	(not currently used)
ATP_GROUP_ID	NULL	NUMBER	Identifies a group of items that will be passed to the ATP function as a group. Also see GROUP_ATP_CHECK. Each atp group id corresponds to at most one schedule group id. sequence MTL_DEAMND_INTERFACE_S
TRANSACTION_PROCESS_ORDER	NULL	NUMBER	Order of request processing within a SCHEDULE_GROUP_ID
DEMAND_ID	NULL	NUMBER	Demand identifier for a demand record in MTL_DEMAND table
SESSION_ID	NULL	NUMBER	ID used by OE to delete rows after processing, based on sequence MTL_DEMAND_SESSION_S
DEMAND_SOURCE_NAME	NULL	VARCHAR2(30)	Identifier of user-defined Source Type
DEMAND_TYPE	NULL	NUMBER	Code for type of demand
AUTODETAILED_QUANTITY	NULL	NUMBER	Used to return the quantity that has be successfully autodedetailed
AVAILABLE_TO_RESERVE	NULL	NUMBER	Used to return the quantity available to reserve
QUANTITY_ON_HAND	NULL	NUMBER	Used to return the quantity on hand
EXPLOSION_GROUP_ID	NULL	NUMBER	Identifier passed to Bom exploder to identify row to explode
RESERVATION_TYPE	NULL	NUMBER	Code for type of reservation
ORDERED_ITEM_ID	NULL	NUMBER	Item id of the top item that caused this demand or reservation to be placed
ATP_COMPONENTS_FLAG	NULL	NUMBER	Flag to indicate if item should be exploded to find ATP_CHECK = Yes components prior to ATP check of Item. Validator will default from MTL_SYSTEM_ITEMS if null.
LATEST_ACCEPTABLE_DATE	NULL	DATE	This date is lastest date that demand should be scheduled.
ATP_CALENDAR_ORGANIZATION_ID	NULL	NUMBER	The identifier for the organization that ATP will use to get the calendar for ATP computations.
AUTODETAIL_EXPENSE_SUBINV_FLAG	NULL	NUMBER	A flag to indicate whether the autodevail process should include expense subinventories
VENDOR_ID	NULL	NUMBER	Supplier identifier
VENDOR_SITE_ID	NULL	NUMBER	Supplier site identifier
INTRANSIT_LEAD_TIME	NULL	NUMBER	Intransit lead time

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Column Descriptions (Continued)

Name	Null?	Type	Description
SHIP_METHOD	NULL	VARCHAR2(30)	Ship method
RESOURCE_ID	NULL	NUMBER	Resource identifier
DEPARTMENT_ID	NULL	NUMBER	Department identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_DEMAND_INTERFACE_N1	NOT UNIQUE	1	SCHEDULE_GROUP_ID
		2	N_COLUMN5
MTL_DEMAND_INTERFACE_N10	NOT UNIQUE	2	PROCESS_FLAG
MTL_DEMAND_INTERFACE_N2	NOT UNIQUE	1	ATP_GROUP_ID
		2	INVENTORY_ITEM_ID
MTL_DEMAND_INTERFACE_N3	NOT UNIQUE	1	EXPLOSION_GROUP_ID
MTL_DEMAND_INTERFACE_N4	NOT UNIQUE	1	SESSION_ID
MTL_DEMAND_INTERFACE_N5	NOT UNIQUE	1	DEMAND_SOURCE_LINE
MTL_DEMAND_INTERFACE_N6	NOT UNIQUE	1	DEMAND_SOURCE_DELIVERY
MTL_DEMAND_INTERFACE_N7	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
MTL_DEMAND_INTERFACE_N8	NOT UNIQUE	1	SESSION_ID
		2	SCHEDULE_GROUP_ID
MTL_DEMAND_INTERFACE_N9	NOT UNIQUE	1	SCHEDULE_GROUP_ID
		2	TRANSACTION_MODE
		3	PROCESS_FLAG

Sequences

Sequence	Derived Column
MTL_DEMAND_INTERFACE_S	ATP_GROUP_ID
MTL_DEMAND_INTERFACE_S	EXPLOSION_GROUP_ID

## MTL\_DESCRIPTIVE\_ELEMENTS

MTL\_DESCRIPTIVE\_ELEMENTS stores the descriptive element definitions for an item catalog group. Descriptive elements are defining properties used to describe in the catalog group.

DEFAULT\_ELEMENT\_FLAG indicates whether the descriptive element is typically used in the item catalog description (using the concatenated descriptive element values) for the item. The value of the flag entered here provides the default behavior for the descriptive element. Whether a particular element is used for a particular item can be determined in the Master Items window.

REQUIRED\_ELEMENT\_FLAG indicates whether a value must be defined for the descriptive element before the item catalog definition of an item can be considered complete.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_CATALOG_GROUPS	ITEM_CATALOG_GROUP_ID	ITEM_CATALOG_GROUP_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEFAULT_ELEMENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
REQUIRED_ELEMENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
ITEM_CATALOG_GROUP_ID (PK)	NOT NULL	NUMBER	Item Catalog Group identifier
ELEMENT_NAME (PK)	NOT NULL	VARCHAR2(30)	Descriptive element 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
REQUIRED_ELEMENT_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating element is required
DEFAULT_ELEMENT_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating that the element needs to be included in default item description
ELEMENT_SEQUENCE	NOT NULL	NUMBER	Descriptive element sequence number
DESCRIPTION	NULL	VARCHAR2(50)	Descriptive element 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

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## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_DESCRIPTIVE_ELEMENTS_U1	UNIQUE	1	ITEM_CATALOG_GROUP_ID
		2	ELEMENT_NAME

## MTL\_DESCR\_ELEMENT\_VALUES

MTL\_DESCR\_ELEMENT\_VALUES stores the descriptive element values for a specific item. When an item is associated with a particular item catalog group, one row per descriptive element (for that catalog group) is inserted into this table. This table is then updated with the descriptive element values that the user specifies for the item. Descriptive element values are defined once (at the item master organization) for an item. An item may only be assigned to one item catalog group and will therefore only have descriptive elements for a single catalog group.

DEFAULT\_ELEMENT\_FLAG is used to indicate whether the descriptive element value is to be used in the item catalog description for this particular item. The initial value is defaulted from MTL\_DESCRIPTIVE\_ELEMENTS but may be changed when the item is assigned to the catalog group.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_DESCRIPTIVE_ELEMENTS	ELEMENT_NAME	ELEMENT_NAME
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ELEMENT_NAME (PK)	NOT NULL	VARCHAR2(30)	Descriptive element 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
ELEMENT_VALUE	NULL	VARCHAR2(30)	Descriptive element value
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
DEFAULT_ELEMENT_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating element to be included in default item description
ELEMENT_SEQUENCE	NOT NULL	NUMBER	Element sequence number

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## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_DESCR_ELEMENT_VALUES_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	ELEMENT_NAME



## MTL\_DESC\_ELEM\_VAL\_INTERFACE

MTL\_DESC\_ELEM\_VAL\_INTERFACE temporarily stores descriptive element values for an item that is associated with an item catalog group before loading this information into Oracle Inventory. This table contains user friendly columns which allow you to easily enter your data as well as the corresponding foreign keys. Oracle Inventory will default column values you do not enter, after performing the proper validation. For example, if you enter an ITEM\_NUMBER, Oracle Inventory will fill in the corresponding INVENTORY\_ITEM\_ID for you.

This table is not used currently.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEFAULT_ELEMENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NULL	NUMBER	Inventory item identifier
ELEMENT_NAME (PK)	NULL	VARCHAR2(30)	Descriptive element 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
ELEMENT_VALUE	NULL	VARCHAR2(30)	Descriptive element value
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
DEFAULT_ELEMENT_FLAG	NULL	VARCHAR2(1)	Flag indicating whether element is included in default item description
ELEMENT_SEQUENCE	NULL	NUMBER	Element sequence number
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status
ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments

## MTL\_ECONOMIC\_ZONES\_B

MTL\_ECONOMIC\_ZONES\_B stores information concerning all the economic zones. This is a base table that contains one entry for every economic zone. An example of an economic zone would be EC for European Community. Each economic zone is uniquely identified by the economic zone code which is an internal code.

Column Descriptions

Name	Null?	Type	Description
ZONE_CODE (PK)	NOT NULL	VARCHAR2(10)	zone code
CREATED_BY	NOT NULL	NUMBER(15)	standard who column
CREATION_DATE	NOT NULL	DATE	standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	standard who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	standard who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ECONOMIC_ZONES_B_U1	UNIQUE	1	ZONE_CODE

## MTL\_ECONOMIC\_ZONES\_TL

MTL\_ECONOMIC\_ZONES\_TL is the corresponding translation table for MTL\_ECONOMIC\_ZONES\_B. This table contains one entry for every economic zone and language.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ECONOMIC_ZONES_B	ZONE_CODE	ZONE_CODE

### Column Descriptions

Name	Null?	Type	Description
ZONE_CODE (PK)	NOT NULL	VARCHAR2(10)	zone code
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	language
CREATION_DATE	NOT NULL	DATE	standard who column
CREATED_BY	NOT NULL	NUMBER(15)	standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	standard who column
ZONE_DISPLAY_NAME	NOT NULL	VARCHAR2(80)	zone display name
ZONE_DESCRIPTION	NOT NULL	VARCHAR2(240)	zone description
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	last update login
SOURCE_LANG	NOT NULL	VARCHAR2(4)	source language

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ECONOMIC_ZONES_TL_U1	UNIQUE	5	ZONE_CODE
		10	LANGUAGE

## MTL\_EXT\_OBJECTS

MTL\_EXT\_OBJECTS stores the external component information of an inventory item.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
OBJECT_TYPE	INV_GENEALOGY_OBJECT_TYPE	MFG_LOOKUPS
	1	Lot
	2	Serial
	3	External

### Column Descriptions

Name	Null?	Type	Description
OBJECT_ID (PK)	NOT NULL	NUMBER	Genealogy object identifier
OBJECT_TYPE	NOT NULL	NUMBER	Genealogy object type
OBJECT_NUMBER	NOT NULL	VARCHAR2(30)	Genealogy object number
OBJECT_DESCRIPTION	NULL	VARCHAR2(150)	Genealogy object 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
LAST_PRINT_DATE	NULL	DATE	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_EXT_OBJECTS_N1	NOT UNIQUE	1	OBJECT_NUMBER

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Sequences

Sequence	Derived Column
MTL_GEN_OBJECT_ID_S	OBJECT_ID

## MTL\_FISCAL\_CAT\_ACCOUNTS

MTL\_FISCAL\_CAT\_ACCOUNTS stores the account numbers defined for a legal entity, cost type, cost group and category.

### 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
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	OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROCESSING_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	EXPENSE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	BRIDGING_ACCOUNT
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	LEGAL_ENTITY_ID
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID

### Column Descriptions

Name	Null?	Type	Description
LEGAL_ENTITY_ID (PK)	NOT NULL	NUMBER(15)	Legal entity identifier
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type identifier
COST_GROUP_ID (PK)	NOT NULL	NUMBER	Cost group identifier
CATEGORY_ID (PK)	NOT NULL	NUMBER	Item category identifier
MATERIAL_ACCOUNT	NULL	NUMBER(15)	Material account
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER(15)	Material overhead account
RESOURCE_ACCOUNT	NULL	NUMBER(15)	Resource account
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER(15)	Outside processing account
OVERHEAD_ACCOUNT	NULL	NUMBER(15)	Overhead account
EXPENSE_ACCOUNT	NULL	NUMBER(15)	Expense account
BRIDGING_ACCOUNT	NULL	NUMBER(15)	Bridging account
NON_INVOICED_SO	NULL	NUMBER	Non-invoiced sales order
NON_INVOICED_REVENUE	NULL	NUMBER	Non-invoiced revenue
LAST_UPDATE_DATE	NOT NULL	DATE	Concurrent Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Concurrent Who column
CREATION_DATE	NOT NULL	DATE	Concurrent Who column
CREATED_BY	NOT NULL	NUMBER	Concurrent Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Concurrent Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_FISCAL_CAT_ACCOUNTS_U1	UNIQUE	1	LEGAL_ENTITY_ID
		2	COST_TYPE_ID
		3	COST_GROUP_ID
		4	CATEGORY_ID

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## MTL\_FLEX\_CONTEXT

MTL\_FLEX\_CONTEXT Stores context mapping for Lot & Serial attributes Descriptive Flex Fields. You can store context values for an item or Category for structure definition of Lot/Serial attribute Descriptive flex field.

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization Id
DESCRIPTIVE_FLEXFIELD_NAME (PK)	NOT NULL	VARCHAR2(40)	Descriptive Flex Field name
CONTEXT_COLUMN_NAME (PK)	NOT NULL	VARCHAR2(30)	Context can be based on Item or Category.This column will store if context it is assigned to Item or Category.
CATEGORY_SET_ID	NULL	NUMBER	Category set id if the context_reference = 'Category'
DESCRIPTIVE_FLEX_CONTEXT_CODE	NOT NULL	VARCHAR2(30)	Context Code
CONTEXT_COLUMN_VALUE_ID (PK)	NOT NULL	NUMBER	This has the value of context column.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column (For future use only)
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column (For future use only)
CREATION_DATE	NOT NULL	DATE	Standard Who Column (For future use only)
CREATED_BY	NOT NULL	NUMBER	Standard Who Column (For future use only)
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column (For future use only)
REQUEST_ID	NULL	NUMBER	Standard Who Column (For future use only)
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who Column (For future use only)
PROGRAM_ID	NULL	NUMBER	Standard Who Column (For future use only)
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column (For future use only)

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_FLEX_CONTEXT_U1	NOT UNIQUE	1	ORGANIZATION_ID
		2	DESCRIPTIVE_FLEXFIELD_NAME
		3	CONTEXT_COLUMN_NAME
		4	CONTEXT_COLUMN_VALUE_ID

## MTL\_FORECAST\_RULES

MTL\_FORECAST\_RULES stores rules or options which are used in the Statistical and Focus forecasting processes. The options can be classified into Forecast Computation options, Forecast Source options and Statistical Forecasting Parameters. Computation option governs which forecast method and bucket type to use. There are two forecast methods and three bucket types. The forecast methods are statistical and focus forecastings. Three possible bucket types are days, weeks and periods.

Forecast sources consist of the forecast demand elements to be included or excluded in the forecast process. The demand elements are sales order shipments, wip issues, miscellaneous issues and inter-organization transfers. The forecast source options direct forecast process to include or to exclude the specified sources during forecasting. For example, if the option only includes sales orders, then the forecast result will totally depend on the sales order demand.

Statistical Forecasting Parameters store parameters that are pertaining to Statistical forecasting. The parameters include the maximum past periods to use, alpha smoothing factor, trend and seasonality factors, and the option to turn on/off the employment of trend or seasonality models in the forecast calculation.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FORECAST_TYPE	MTL_FORECAST	MFG_LOOKUPS
	1	Focus forecasting
	2	Statistical forecasting
INCLUDE_INTERORG_ISSUES	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_MISCELLANEOUS_ISSUES	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_SALES_ORDERS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_SEASONALITY_MODEL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_TREND_MODEL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_WIP_ISSUES	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PERIOD_TYPE	MTL_PERIOD_TYPES	MFG_LOOKUPS
	1	Daily period

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	2	Weekly period
	3	Calendar period

Column Descriptions

Name	Null?	Type	Description
FORECAST_RULE_ID (PK)	NOT NULL	NUMBER	Identifier of forecast rule
FORECAST_RULE_NAME	NOT NULL	VARCHAR2(80)	Name of forecast rule
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Rule description
FORECAST_TYPE	NOT NULL	NUMBER	Indicates the forecast method used in rule
PERIOD_TYPE	NOT NULL	NUMBER	Bucket type for forecast
INCLUDE_SALES_ORDERS	NOT NULL	NUMBER	Flag to indicate if sales order shipments should be included in forecast history
INCLUDE_INTERORG_ISSUES	NOT NULL	NUMBER	Flag to indicate if inter-organization issues should be included in forecast history
INCLUDE_MISCELLANEOUS_ISSUES	NOT NULL	NUMBER	Flag to indicate if miscellaneous issues (Account, Account Alias, Miscellaneous, Internal Order and User Defined Issues that are classified as miscellaneous) should be included in forecast
INCLUDE_WIP_ISSUES	NOT NULL	NUMBER	Flag to indicate if WIP issues (Issue components to WIP, and Issue Primary Assemblies to WIP) should be included
MAXIMUM_PAST_PERIODS	NULL	NUMBER	The maximum number of past periods that the statistical forecast uses to generate the forecasts
ALPHA_SMOOTHING_FACTOR	NULL	NUMBER	Factor that determines how much weight to put on past periods, 1=only most recent period, 0=more on the distant past
INCLUDE_TREND_MODEL	NULL	NUMBER	Flag to indicate if an estimate of the amount of change from period to period should be included in the forecast model
TREND_FACTOR	NULL	NUMBER	Smoothing factor for the trend model; 1 = only look at most recent, 0 = most weight on distant past
INCLUDE_SEASONALITY_MODEL	NULL	NUMBER	Flag to indicate if an annual seasonal index should be used in the forecast
SEASONALITY_FACTOR	NULL	NUMBER	Smoothing factor for the seasonal index, 1 = only look at most recent; 0 only look at most distant past
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	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_FORECAST_RULES_U1	UNIQUE	1	FORECAST_RULE_ID
MTL_FORECAST_RULES_U2	UNIQUE	1	FORECAST_RULE_NAME

## Sequences

Sequence	Derived Column
MTL_FORECAST_RULES_S	FORECAST_RULE_ID

## MTL\_GENERIC\_DISPOSITIONS

MTL\_GENERIC\_DISPOSITIONS stores the user– defined account alias. Account alias provides an easy way to use accounting numbers, and makes it easier to transact account issues and receipts. Note that this is different from Application Object Library’s shorthand alias, because account aliases have their own database entity which is used as a distinct transaction source type apart from accounts during transactions.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DISTRIBUTION_ACCOUNT
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

### Column Descriptions

Name	Null?	Type	Description
DISPOSITION_ID (PK)	NOT NULL	NUMBER	Account alias 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)	Description
DISABLE_DATE	NULL	DATE	Account alias disable date
EFFECTIVE_DATE	NOT NULL	DATE	Account alias effective date
DISTRIBUTION_ACCOUNT	NOT NULL	NUMBER	Distribution account number
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_GENERIC_DISPOSITIONS_N2	NOT UNIQUE	1	SEGMENT1
MTL_GENERIC_DISPOSITIONS_N3	NOT UNIQUE	1	SEGMENT2
MTL_GENERIC_DISPOSITIONS_N4	NOT UNIQUE	1	SEGMENT3
MTL_GENERIC_DISPOSITIONS_N5	NOT UNIQUE	1	SEGMENT4
MTL_GENERIC_DISPOSITIONS_U1	UNIQUE	1	DISPOSITION_ID
		2	ORGANIZATION_ID

## MTL\_ICG\_ALIASES

MTL\_ICG\_ALIASES contains the recommended aliases to be used for items in an item catalog group.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_CATALOG_GROUPS	ITEM_CATALOG_GROUP_ID	ITEM_CATALOG_GROUP_ID

### Column Descriptions

Name	Null?	Type	Description
ITEM_CATALOG_GROUP_ID (PK)	NOT NULL	NUMBER	Item catalog group identifier
ALIAS_NAME (PK)	NOT NULL	VARCHAR2(30)	Item catalog group alias
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(50)	Alias description
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_ICG_ALIASES_U1	UNIQUE	1	ITEM_CATALOG_GROUP_ID
		2	ALIAS_NAME

## MTL\_ICG\_CATEGORIES

MTL\_ICG\_CATEGORIES stores the recommended category sets and categories for items in an item catalog group.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
ITEM_CATALOG_GROUP_ID (PK)	NOT NULL	NUMBER	Item catalog group identifier
CATEGORY_ID (PK)	NOT NULL	NUMBER	Category identifier
CATEGORY_SET_ID (PK)	NULL	NUMBER	Category set identifier
STRUCTURE_ID	NOT NULL	NUMBER	Flexfield structure identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ICG_CATEGORIES_U1	UNIQUE	1	ITEM_CATALOG_GROUP_ID
		2	CATEGORY_SET_ID
		3	CATEGORY_ID

## MTL\_INTERCOMPANY\_PARAMETERS

MTL\_INTERCOMPANY\_PARAMETERS contains the parameter values for inter-company relationships. The customer related information is used by the shipping organization for AR invoicing purposes. The supplier related information is used by the selling organization for AP invoicing purposes.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PO_VENDORS	VENDOR_ID	VENDOR_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	VENDOR_SITE_ID
RA_ADDRESSES_ALL_	ADDRESS_ID	ADDRESS_ID
RA_CUSTOMERS_	CUSTOMER_ID	CUSTOMER_ID
RA_CUST_TRX_TYPES_ALL	CUST_TRX_TYPE_ID	CUST_TRX_TYPE_ID
RA_SITE_USES_ALL	SITE_USE_ID	CUSTOMER_SITE_ID

### Column Descriptions

Name	Null?	Type	Description
SHIP_ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier for the shipping organization
SELL_ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier for the selling organization
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
CREATED_BY	NOT NULL	NUMBER	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard who column
CUSTOMER_ID	NOT NULL	NUMBER	Customer identifier
ADDRESS_ID	NOT NULL	NUMBER	Customer address identifier
CUSTOMER_SITE_ID	NOT NULL	NUMBER	Customer site identifier
CUST_TRX_TYPE_ID	NOT NULL	NUMBER	Customer transaction type identifier
VENDOR_ID	NULL	NUMBER	Supplier identifier
VENDOR_SITE_ID	NULL	NUMBER	Supplier site identifier
REVALUE_AVERAGE_FLAG	NULL	VARCHAR2(1)	Revalue Average
FREIGHT_CODE_COMBINATION_ID	NULL	NUMBER	Account identifier for the freight account to be used in the inter-company relationship
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_INTERCOMPANY_PARAMETERS_U1	UNIQUE	1	SHIP_ORGANIZATION_ID
		2	SELL_ORGANIZATION_ID



## MTL\_INTERFACE\_ERRORS

MTL\_INTERFACE\_ERRORS stores errors that occur during the item interface process reporting where the errors occurred along with the error messages.

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
TRANSACTION_ID	NULL	NUMBER	Row identifier for row in MTL_SYSTEM_ITEMS_INTERFACE table
UNIQUE_ID	NULL	NUMBER	Unique identifier for the error corresponding to a transaction. For a given transaction there can be multiple errors that should be retrieved in ascending order of the UNIQUE_ID
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
TABLE_NAME	NULL	VARCHAR2(30)	Name of the interface table the error occurred in
MESSAGE_NAME	NULL	VARCHAR2(30)	Message dictionary message name (for future use)
COLUMN_NAME	NULL	VARCHAR2(32)	Column name where the error occurred. This column belongs to the table specified in the TABLE_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
ERROR_MESSAGE	NULL	VARCHAR2(240)	Message text for the error that occurred when running the item interface program. It should be used in conjunction with the TABLE_NAME and COLUMN_NAME

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_INTERFACE_ERRORS_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	TABLE_NAME
MTL_INTERFACE_ERRORS_N2	NOT UNIQUE	1	TRANSACTION_ID

## 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

## MTL\_INTERORG\_PARAMETERS

MTL\_INTERORG\_PARAMETERS identifies the receiving organizations ("To" distribution organizations) linked to a particular organization ("From" distribution organizations). The TO\_ORGANIZATION\_ID identifies the organization that receives shipments from the organization identified by the FROM\_ORGANIZATION\_ID.

You must define the inter-organizational relationship here before you perform any inter-organization transfers in the transaction system.

INTRANSIT\_TYPE indicates whether inter-organizational transfers between the two organizations will use direct or intransit transfer.

FOB\_POINT indicates the 'Free on board' point and determines the point of transfer of liability/ownership.

Unit of measure, distance, transfer charge, and accounting information are also specified in this table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTRANSIT_INV_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTERORG_TRANSFER_CR_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
MTL_PARAMETERS	ORGANIZATION_ID	FROM_ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	TO_ORGANIZATION_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	DISTANCE_UOM_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FOB_POINT	MTL_FOB_POINT	MFG_LOOKUPS
	1	Shipment
	2	Receipt
INTERNAL_ORDER_REQUIRED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INTRANSIT_TYPE	ORG_INTRANSIT	MFG_LOOKUPS
	1	Do not use in-transit inventory
	2	Use in-transit inventory
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

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# Column Descriptions

Name	Null?	Type	Description
FROM_ORGANIZATION_ID (PK)	NOT NULL	NUMBER	"From" organization identifier
TO_ORGANIZATION_ID (PK)	NOT NULL	NUMBER	"To" 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
INTRANSIT_TYPE	NULL	NUMBER	Indicates whether to use direct or intransit transfer
DISTANCE_UOM_CODE	NULL	VARCHAR2(3)	Distance unit of measure code
TO_ORGANIZATION_DISTANCE	NULL	NUMBER	"To" organization code distance
FOB_POINT	NULL	NUMBER	Free on board point
MATL_INTERORG_TRANSFER_CODE	NULL	NUMBER	Inter-organization transfer charge type
ROUTING_HEADER_ID	NULL	NUMBER	Default receipt routing
INTERNAL_ORDER_REQUIRED_FLAG	NULL	NUMBER	Flag indicating an internal order is required
INTRANSIT_INV_ACCOUNT	NULL	NUMBER	Inter-organization transfer debit account
INTERORG_TRNSFR_CHARGE_PERCENT	NULL	NUMBER	Inter-organization transfer charge percent
INTERORG_TRANSFER_CR_ACCOUNT	NULL	NUMBER	Inter-organization transfer credit account
INTERORG_RECEIVABLES_ACCOUNT	NULL	NUMBER	Inter-organization receivables account
INTERORG_PAYABLES_ACCOUNT	NULL	NUMBER	Inter-organization payables account
INTERORG_PRICE_VAR_ACCOUNT	NULL	NUMBER	Inter-organization price variance account
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(1)	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

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Global descriptive flexfield segment
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
ELEMENTAL_VISIBILITY_ENABLED	NULL	VARCHAR2(1)	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_INTERORG_PARAMETERS_N1	NOT UNIQUE	1	TO_ORGANIZATION_ID
MTL_INTERORG_PARAMETERS_U1	UNIQUE	1	TO_ORGANIZATION_ID
		2	FROM_ORGANIZATION_ID

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## MTL\_INTERORG\_SHIP\_METHODS

MTL\_INTERORG\_SHIP\_METHODS stores the relationships between inter-organization shipping networks and shipment methods. These relationships are one to many, tying multiple shipment methods to one shipping network. Each shipping network is identified by its from and to organizations. Each inter-organization shipment method is characterized by a shipment method name and an intransit lead time.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
HR_LOCATIONS_ALL	LOCATION_ID	FROM_LOCATION_ID
HR_LOCATIONS_ALL	LOCATION_ID	TO_LOCATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	FROM_ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	TO_ORGANIZATION_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	TIME_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	LOAD_WEIGHT_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	VOLUME_UOM_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEFAULT_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

### Column Descriptions

Name	Null?	Type	Description
FROM_ORGANIZATION_ID (PK)	NULL	NUMBER	Unique identifier for the ship from organization in the shipment method relationship
TO_ORGANIZATION_ID (PK)	NULL	NUMBER	Unique identifier for the ship to organization in the shipment method relationship
SHIP_METHOD (PK)	NOT NULL	VARCHAR2(30)	Unique identifier for the shipment method used in the shipment method relationship
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
CREATED_BY	NOT NULL	NUMBER	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard who column
TIME_UOM_CODE	NULL	VARCHAR2(3)	Unique identifier for the unit of measure used to specify the intransit lead time for the shipment method relationship
INTRANSIT_TIME	NOT NULL	NUMBER	Used to specify the numerical value for the intransit lead time of the shipment method relationship

Column Descriptions (Continued)

Name	Null?	Type	Description
DEFAULT_FLAG	NULL	NUMBER	Used to specify whether the shipment method relationship is the default shipment method for an inter-organization shipping network relationship. Used by MRP to determine which shipment method to use for intransit lead time information
FROM_LOCATION_ID (PK)	NULL	NUMBER	Unique identifier for the ship from location in the shipment method relationship
TO_LOCATION_ID (PK)	NULL	NUMBER	Unique identifier for the ship to location in the shipment method relationship
LOAD_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	Abbreviated unit of measure code
VOLUME_UOM_CODE	NULL	VARCHAR2(3)	Abbreviated unit of measure code
CURRENCY_CODE	NULL	VARCHAR2(15)	
DAILY_LOAD_WEIGHT_CAPACITY	NULL	NUMBER	
COST_PER_UNIT_LOAD_WEIGHT	NULL	NUMBER	
DAILY_VOLUME_CAPACITY	NULL	NUMBER	
COST_PER_UNIT_LOAD_VOLUME	NULL	NUMBER	
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_INTERORG_SHIP_METHODS_N1	NOT UNIQUE	1	FROM_ORGANIZATION_ID
		2	SHIP_METHOD
MTL_INTERORG_SHIP_METHODS_N2	NOT UNIQUE	1	FROM_ORGANIZATION_ID
		2	TO_ORGANIZATION_ID
		3	SHIP_METHOD
MTL_INTERORG_SHIP_METHODS_N3	NOT UNIQUE	1	FROM_LOCATION_ID
		2	TO_LOCATION_ID
		3	SHIP_METHOD

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## MTL\_ITEM\_ATTRIBUTES

MTL\_ITEM\_ATTRIBUTES table stores information on item attributes. Each row in the table corresponds to an attribute. The table stores the attribute name, the corresponding user-friendly name seen by the users, and the kind of validation enforced on the attribute.

CONTROL\_LEVEL indicates the attribute control level: master or organization. Master level is also referred to as item level, and organization level is also referred to as item/org level

LEVEL\_UPDATEABLE\_FLAG indicates whether the user is allowed to update the control level.

ATTRIBUTE\_GROUP\_ID is used to group attributes into functional areas such as Purchasing, Costing, Invoicing, Lead Times, etc.

Columns such as PREFIELD\_FLAG, POST\_CHANGE\_FLAG, POST\_FIELD\_FLAG, VALIDATION\_CODE are used by the item-related forms to determine what kind of validation is needed.

This table is seeded on install or upgrade.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ATTRIBUTE_GROUP_ID	ITEM_CHOICES	MFG_LOOKUPS
	1	Item category
	100	Service item
	110	Serviceable item
	2	Organization assignment
	20	General information
	30	Bill of materials
	31	Costing
	4	Item catalog
	40	Purchasing
	41	Receiving
	5	Notes
	50	Inventory
	51	Physical attributes
	6	Define item costs
	60	General planning
	62	MPS/MRP planning
	65	Lead times
	70	Work in process
	80	Order entry
CONTROL_LEVEL	90	Invoicing
	999	All groups
	ITEM_CONTROL_LEVEL	MFG_LOOKUPS
	1	Item
	2	Item/organization
	3	Viewable
LEVEL_UPDATEABLE_FLAG	YES_NO	FND_LOOKUPS

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*QuickCodes Columns (Continued)*

Column	QuickCodes Type	QuickCodes Table
	N	No
	Y	Yes
MANDATORY_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
POST_CHANGE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
POST_FIELD_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PREFIELD_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
STATUS_CONTROL_CODE	ITEM_STATUS_CONTROL	MFG_LOOKUPS
	1	Under status control
	2	Default control
	3	No status control
VALIDATION_CODE	ITEM_ATTRIBUTE_VALIDATION	MFG_LOOKUPS
	1	No LOV
	2	LOV with hidden code
	3	LOV with no hidden code
	4	Yes/No LOV
	5	Flexfield

*Column Descriptions*

Name	Null?	Type	Description
ATTRIBUTE_NAME (PK)	NOT NULL	VARCHAR2(50)	Item attribute name
USER_ATTRIBUTE_NAME	NULL	VARCHAR2(30)	User-friendly attribute name in the character mode applications. No longer used
USER_ATTRIBUTE_NAME_GUI	NULL	VARCHAR2(30)	User-friendly attribute name
ATTRIBUTE_GROUP_ID	NOT NULL	NUMBER	Attribute group identifier. Groups attributes into functional areas in character mode. No longer used
ATTRIBUTE_GROUP_ID_GUI	NULL	NUMBER	Attribute group identifier. Groups attributes into functional areas
CONTROL_LEVEL	NOT NULL	NUMBER	Attribute control level
DATA_TYPE	NOT NULL	VARCHAR2(8)	Attribute data type
SEQUENCE	NOT NULL	NUMBER	Attribute display sequence in character mode. No longer used
SEQUENCE_GUI	NULL	NUMBER	Attribute display sequence
LEVEL_UPDATEABLE_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether attribute control level can be updated
STATUS_CONTROL_CODE	NULL	NUMBER	Status control code for status attributes
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
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
VALIDATION_CODE	NULL	NUMBER	Indicator for attribute validation method used
PREFIELD_FLAG	NULL	VARCHAR2(1)	Flag indicating pre-field trigger must be executed for the attribute
POST_CHANGE_FLAG	NULL	VARCHAR2(1)	Flag indicating post-change trigger must be executed for the attribute
POST_FIELD_FLAG	NULL	VARCHAR2(1)	Flag indicating post-field trigger must be executed for the attribute
MANDATORY_FLAG	NULL	VARCHAR2(1)	Flag indicating attribute is a mandatory field
UPDATE_MESSAGE_NAME	NULL	VARCHAR2(30)	Message to be displayed when the attribute is updated
REQUIRED_MESSAGE_NAME	NULL	VARCHAR2(30)	Message to be displayed when a value must be entered for the attribute

*Indexes*

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_ATTRIBUTES_U1	UNIQUE	1	ATTRIBUTE_NAME

## MTL\_ITEM\_ATTRIBUTES\_TEMP

MTL\_ITEM\_ATTRIBUTES\_TEMP temporary table stores information on each selected column when the item attribute copy form is being used. The data is flushed automatically at the end of a session and each user will only see their own data. These two temporary table features are utilised by the Item Attributes Copy form.

### Column Descriptions

Name	Null?	Type	Description
ITEM_CODE	NULL	VARCHAR2(24)	
ITEM_ID	NULL	NUMBER	
ORGANIZATION_CODE	NULL	VARCHAR2(24)	
ORGANIZATION_NAME	NULL	VARCHAR2(80)	
ORGANIZATION_ID	NULL	NUMBER	
ATTRIBUTE001	NULL	VARCHAR2(240)	
ATTRIBUTE001_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE002	NULL	VARCHAR2(240)	
ATTRIBUTE002_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE003	NULL	VARCHAR2(240)	
ATTRIBUTE003_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE004	NULL	VARCHAR2(240)	
ATTRIBUTE004_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE005	NULL	VARCHAR2(240)	
ATTRIBUTE005_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE006	NULL	VARCHAR2(240)	
ATTRIBUTE006_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE007	NULL	VARCHAR2(240)	
ATTRIBUTE007_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE008	NULL	VARCHAR2(240)	
ATTRIBUTE008_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE009	NULL	VARCHAR2(240)	
ATTRIBUTE009_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE010	NULL	VARCHAR2(240)	
ATTRIBUTE010_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE011	NULL	VARCHAR2(240)	
ATTRIBUTE011_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE012	NULL	VARCHAR2(240)	
ATTRIBUTE012_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE013	NULL	VARCHAR2(240)	
ATTRIBUTE013_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE014	NULL	VARCHAR2(240)	
ATTRIBUTE014_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE015	NULL	VARCHAR2(240)	
ATTRIBUTE015_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE016	NULL	VARCHAR2(240)	
ATTRIBUTE016_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE017	NULL	VARCHAR2(240)	
ATTRIBUTE017_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE018	NULL	VARCHAR2(240)	
ATTRIBUTE018_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE019	NULL	VARCHAR2(240)	
ATTRIBUTE019_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE020	NULL	VARCHAR2(240)	

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE020_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE021	NULL	VARCHAR2(240)	
ATTRIBUTE021_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE022	NULL	VARCHAR2(240)	
ATTRIBUTE022_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE023	NULL	VARCHAR2(240)	
ATTRIBUTE023_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE024	NULL	VARCHAR2(240)	
ATTRIBUTE024_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE025	NULL	VARCHAR2(240)	
ATTRIBUTE025_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE026	NULL	VARCHAR2(240)	
ATTRIBUTE026_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE027	NULL	VARCHAR2(240)	
ATTRIBUTE027_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE028	NULL	VARCHAR2(240)	
ATTRIBUTE028_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE029	NULL	VARCHAR2(240)	
ATTRIBUTE029_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE030	NULL	VARCHAR2(240)	
ATTRIBUTE030_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE031	NULL	VARCHAR2(240)	
ATTRIBUTE031_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE032	NULL	VARCHAR2(240)	
ATTRIBUTE032_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE033	NULL	VARCHAR2(240)	
ATTRIBUTE033_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE034	NULL	VARCHAR2(240)	
ATTRIBUTE034_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE035	NULL	VARCHAR2(240)	
ATTRIBUTE035_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE036	NULL	VARCHAR2(240)	
ATTRIBUTE036_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE037	NULL	VARCHAR2(240)	
ATTRIBUTE037_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE038	NULL	VARCHAR2(240)	
ATTRIBUTE038_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE039	NULL	VARCHAR2(240)	
ATTRIBUTE039_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE040	NULL	VARCHAR2(240)	
ATTRIBUTE040_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE041	NULL	VARCHAR2(240)	
ATTRIBUTE041_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE042	NULL	VARCHAR2(240)	
ATTRIBUTE042_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE043	NULL	VARCHAR2(240)	
ATTRIBUTE043_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE044	NULL	VARCHAR2(240)	
ATTRIBUTE044_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE045	NULL	VARCHAR2(240)	
ATTRIBUTE045_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE046	NULL	VARCHAR2(240)	
ATTRIBUTE046_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE047	NULL	VARCHAR2(240)	

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE047_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE048	NULL	VARCHAR2(240)	
ATTRIBUTE048_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE049	NULL	VARCHAR2(240)	
ATTRIBUTE049_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE050	NULL	VARCHAR2(240)	
ATTRIBUTE050_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE051	NULL	VARCHAR2(240)	
ATTRIBUTE051_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE052	NULL	VARCHAR2(240)	
ATTRIBUTE052_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE053	NULL	VARCHAR2(240)	
ATTRIBUTE053_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE054	NULL	VARCHAR2(240)	
ATTRIBUTE054_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE055	NULL	VARCHAR2(240)	
ATTRIBUTE055_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE056	NULL	VARCHAR2(240)	
ATTRIBUTE056_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE057	NULL	VARCHAR2(240)	
ATTRIBUTE057_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE058	NULL	VARCHAR2(240)	
ATTRIBUTE058_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE059	NULL	VARCHAR2(240)	
ATTRIBUTE059_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE060	NULL	VARCHAR2(240)	
ATTRIBUTE060_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE061	NULL	VARCHAR2(240)	
ATTRIBUTE061_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE062	NULL	VARCHAR2(240)	
ATTRIBUTE062_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE063	NULL	VARCHAR2(240)	
ATTRIBUTE063_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE064	NULL	VARCHAR2(240)	
ATTRIBUTE064_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE065	NULL	VARCHAR2(240)	
ATTRIBUTE065_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE066	NULL	VARCHAR2(240)	
ATTRIBUTE066_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE067	NULL	VARCHAR2(240)	
ATTRIBUTE067_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE068	NULL	VARCHAR2(240)	
ATTRIBUTE068_DSP	NULL	VARCHAR2(240)	
ATTRIBUTE069	NULL	VARCHAR2(240)	
ATTRIBUTE069_DSP	NULL	VARCHAR2(240)	

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## MTL\_ITEM\_CATALOG\_GROUPS

MTL\_ITEM\_CATALOG\_GROUPS is the entity table for item catalog groups. An item catalog group consists of items that can be described by the same set of descriptive elements or item properties. When an item is associated with an item catalog group, the item inherits the descriptive elements for that group which then behave like additional item attributes. The user can specify values for the descriptive elements and can use that information to search for items using the Item Search window.

The item catalog group assignment for an item is done at the item master organization level.

The item catalog group is a key flexfield. The flex code is MICG.

### Column Descriptions

Name	Null?	Type	Description
ITEM_CATALOG_GROUP_ID (PK)	NOT NULL	NUMBER	Item catalog 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
INACTIVE_DATE	NULL	DATE	Date group becomes inactive
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 catalog group description
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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_CATALOG_GROUPS_U1	UNIQUE	1	ITEM_CATALOG_GROUP_ID

Sequences

Sequence	Derived Column
MTL_ITEM_CATALOG_GROUPS_S	ITEM_CATALOG_GROUP_ID



## MTL\_ITEM\_CATEGORIES

MTL\_ITEM\_CATEGORIES stores inventory item assignments to categories within a category set. For each category assignment, this table stores the item, the category set, and the category. Items always may be assigned to multiple category sets. However, depending on the Multiple Assignments Allowed attribute value in a given category set definition, an item can be assigned to either many or only one category in that category set.

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

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
CATEGORY_SET_ID (PK)	NOT NULL	NUMBER	Category set identifier
CATEGORY_ID	NOT NULL	NUMBER	Category identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
WH_UPDATE_DATE	NULL	DATE	Warehouse update date for tracking changes relevant to data collected in the Data Warehouse

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_CATEGORIES_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	CATEGORY_SET_ID
		3	CATEGORY_ID
MTL_ITEM_CATEGORIES_N2	NOT UNIQUE	2	WH_UPDATE_DATE
MTL_ITEM_CATEGORIES_N3	NOT UNIQUE	1	CATEGORY_ID
		2	ORGANIZATION_ID

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#### Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_CATEGORIES_U1	UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	CATEGORY_SET_ID
		4	CATEGORY_ID

#### Database Triggers

Trigger Name : AX\_MTL\_ITEM\_CATEGORIES\_AR11  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT

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

Trigger Name : AX\_MTL\_ITEM\_CATEGORIES\_ARU1  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

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

## MTL\_ITEM\_CATEGORIES\_INTERFACE

MTL\_ITEM\_CATEGORIES\_INTERFACE table temporarily stores data about inventory item assignments to category sets and categories before loading this information into Oracle Inventory.

This table contains user friendly columns which allow you to easily enter your data. Inventory items, category sets and categories participating in an assignment can be entered as corresponding ids or values. If ids are not entered, Oracle Inventory will convert column values to ids. For example, you enter the ORGANIZATION\_CODE, ITEM\_NUMBER, CATEGORY\_SET\_NAME, CATEGORY\_NAME and Oracle Inventory will fill in the corresponding ORGANIZATION\_ID, INVENTORY\_ITEM\_ID, CATEGORY\_SET\_ID, CATEGORY\_ID for you. After performing the proper validation Oracle Inventory will insert a record into the MTL\_ITEM\_CATEGORIES table.

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
CATEGORY_SET_ID	NULL	NUMBER	Category set identifier
CATEGORY_ID	NULL	NUMBER	Category identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
TRANSACTION_ID	NULL	NUMBER	Identifier for the interface record to be processed
PROCESS_FLAG	NULL	NUMBER	Flag indicating interface record processing status
CATEGORY_SET_NAME	NULL	VARCHAR2(30)	Category set name

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*Column Descriptions (Continued)*

Name	Null?	Type	Description
CATEGORY_NAME	NULL	VARCHAR2(81)	Category name
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviated organization name
ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Specifies a type of processing to be performed on the interface record (e.g. CREATE)
SET_PROCESS_ID	NOT NULL	NUMBER	This column is used when running multiple Item Open Interface programs in parallel

*Indexes*

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_CATS_INTERFACE_N1	NOT UNIQUE	1	SET_PROCESS_ID
		2	ORGANIZATION_ID
		3	INVENTORY_ITEM_ID
MTL_ITEM_CATS_INTERFACE_U1	UNIQUE	1	TRANSACTION_ID

## MTL\_ITEM\_CHILD\_INFO\_INTERFACE

MTL\_ITEM\_CHILD\_INFO\_INTERFACE temporarily stores detail information for your items such as subinventories, locators, category sets, categories, and costing information. After the proper validation, Oracle Inventory inserts records into MTL\_ITEM\_SUB\_INVENTORIES, MTL\_SECONDARY\_LOCATORS, MTL\_ITEM\_CATEGORIES, CST\_ITEM\_COSTS and CST\_ITEM\_COST\_DETAILS respectively.

This table contains user friendly columns which allow you to easily enter your data as well as their corresponding foreign keys. Oracle Inventory will fill in the column you do not enter after performing the proper validation. For example, you enter the ITEM\_NUMBER and Oracle Inventory will fill in the corresponding INVENTORY\_ITEM\_ID for you.

This table is not currently used.

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation of organization name
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status
SUBINVENTORY1	NULL	VARCHAR2(10)	First subinventory
SUBINVENTORY2	NULL	VARCHAR2(10)	Second subinventory
SUBINVENTORY3	NULL	VARCHAR2(10)	Third subinventory
SUBINVENTORY4	NULL	VARCHAR2(10)	Fourth subinventory
SUBINVENTORY5	NULL	VARCHAR2(10)	Fifth subinventory
CATEGORY_SET_ID1	NULL	NUMBER	First category set identifier
CATEGORY_SET_ID2	NULL	NUMBER	Second category set identifier
CATEGORY_SET_ID3	NULL	NUMBER	Third category set identifier
CATEGORY_SET_ID4	NULL	NUMBER	Fourth category set identifier
CATEGORY_SET_ID5	NULL	NUMBER	Fifth category set identifier
CATEGORY_SET_NAME1	NULL	VARCHAR2(10)	First category set name
CATEGORY_SET_NAME2	NULL	VARCHAR2(10)	Second category set name
CATEGORY_SET_NAME3	NULL	VARCHAR2(10)	Third category set name
CATEGORY_SET_NAME4	NULL	VARCHAR2(10)	Fourth category set name

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Column Descriptions (Continued)

Name	Null?	Type	Description
CATEGORY_SET_NAME5	NULL	VARCHAR2(10)	Fifth category set name
CATEGORY_ID1	NULL	NUMBER	First category identifier
CATEGORY_ID2	NULL	NUMBER	Second category identifier
CATEGORY_ID3	NULL	NUMBER	Third category identifier
CATEGORY_ID4	NULL	NUMBER	Fourth category identifier
CATEGORY_ID5	NULL	NUMBER	Fifth category identifier
CATEGORY_NAME1	NULL	VARCHAR2(81)	First category name
CATEGORY_NAME2	NULL	VARCHAR2(81)	Second category name
CATEGORY_NAME3	NULL	VARCHAR2(81)	Third category name
CATEGORY_NAME4	NULL	VARCHAR2(81)	Fourth category name
CATEGORY_NAME5	NULL	VARCHAR2(81)	Fifth category name
MATERIAL_COST	NULL	NUMBER	Material cost
MATERIAL_SUB_ELEM_ID	NULL	NUMBER	Material sub-element identifier
MATERIAL_SUB_ELEM	NULL	VARCHAR2(50)	Material sub-element
MATERIAL_OH_COST	NULL	NUMBER	Material overhead cost
MATERIAL_OH_SUB_ELEM_ID	NULL	NUMBER	Material overhead sub-element identifier
MATERIAL_OH_SUB_ELEM	NULL	VARCHAR2(50)	Material overhead sub-element
LOCATOR_ID1	NULL	NUMBER	First locator identifier
LOCATOR_ID2	NULL	NUMBER	Second locator identifier
LOCATOR_ID3	NULL	NUMBER	Third locator identifier
LOCATOR_ID4	NULL	NUMBER	Fourth locator identifier
LOCATOR_ID5	NULL	NUMBER	Fifth locator identifier
LOCATOR_NAME1	NULL	VARCHAR2(81)	First locator name
LOCATOR_NAME2	NULL	VARCHAR2(81)	Second locator name
LOCATOR_NAME3	NULL	VARCHAR2(81)	Third locator name
LOCATOR_NAME4	NULL	VARCHAR2(81)	Fourth locator name
LOCATOR_NAME5	NULL	VARCHAR2(81)	Fifth locator name
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Specifies a type of transaction to be performed on the interface record (e.g. CREATE)

## 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_MATERIAL_STATUSES_B	STATUS_ID	STATUS_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	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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
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	
STATUS_ID	NULL	NUMBER	Status Identifier - Used by WMS only
CURRENT_CUBIC_AREA	NULL	NUMBER	Current volume of item(s) in locator

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### Column Descriptions (Continued)

Name	Null?	Type	Description
AVAILABLE_CUBIC_AREA	NULL	NUMBER	Remaining volume capacity in locator
CURRENT_WEIGHT	NULL	NUMBER	Current weight of item(s) in locator
AVAILABLE_WEIGHT	NULL	NUMBER	Remaining weight capacity in locator
LOCATION_CURRENT_UNITS	NULL	NUMBER	Current number of units (items) in locator
LOCATION_AVAILABLE_UNITS	NULL	NUMBER	Remaining unit capacity in locator
INVENTORY_ITEM_ID	NULL	NUMBER	If not null, the only item that can be in locator
SUGGESTED_CUBIC_AREA	NULL	NUMBER	Suggested volume to be put into locator
SUGGESTED_WEIGHT	NULL	NUMBER	Suggested weight to be put into locator
LOCATION_SUGGESTED_UNITS	NULL	NUMBER	Suggested units to be put into locator

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_LOCATIONS_N1	NOT UNIQUE	1	SEGMENT1
MTL_ITEM_LOCATIONS_N2	NOT UNIQUE	1	SEGMENT2
MTL_ITEM_LOCATIONS_N3	NOT UNIQUE	1	SEGMENT3
MTL_ITEM_LOCATIONS_N4	NOT UNIQUE	5	ORGANIZATION_ID
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.

## MTL\_ITEM\_LOC\_DEFAULTS

MTL\_ITEM\_LOC\_DEFAULTS contains the optional default locators for shipping and receiving purposes. The LOCATOR\_ID and SUBINVENTORY\_CODE identify the exact locator/subinventory which one wishes to have as default. The DEFAULT\_TYPE indicates whether it is the default shipping or receiving subinventory/locator. Also see MTL\_ITEM\_SUB\_DEFAULTS.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_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

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEFAULT_TYPE	MTL_DEFAULT_LOCATORS	MFG_LOOKUPS
	1	Default shipping locator
	2	Default receiving locator

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LOCATOR_ID (PK)	NOT NULL	NUMBER	Locator identifier
DEFAULT_TYPE (PK)	NOT NULL	NUMBER	Default type code
SUBINVENTORY_CODE (PK)	NOT NULL	VARCHAR2(10)	Subinventory 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		NUMBER	Standard Who column
REQUEST_ID		NUMBER	Standard Who column
PROGRAM_APPLICATION_ID		NUMBER	Standard Who column
PROGRAM_ID		NUMBER	Standard Who column
PROGRAM_UPDATE_DATE		DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_LOC_DEFAULTS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	SUBINVENTORY_CODE
		4	DEFAULT_TYPE

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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

## MTL\_ITEM\_REVISIONS\_INTERFACE

MTL\_ITEM\_REVISIONS\_INTERFACE temporarily stores revision levels for an inventory item before loading this information into Oracle Inventory. This table contains user friendly columns which allow you to easily enter your data as well as the corresponding foreign keys. Oracle Inventory will derive column values you do not enter, after performing the proper validation. For example, if you enter the ORGANIZATION\_CODE, Oracle Inventory will fill in the corresponding ORGANIZATION\_ID. You will need to specify the ITEM\_NUMBER column, which is the concatenation of the system item segments with the correct delimiter in between. This table is used by the item interface program in conjunction with the MTL\_SYSTEM\_ITEMS\_INTERFACE table.

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
REVISION	NULL	VARCHAR2(3)	Item revision code
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
ECN_INITIATION_DATE	NULL	DATE	ECO initiation date
IMPLEMENTATION_DATE	NULL	DATE	ECO implementation date
IMPLEMENTED_SERIAL_NUMBER	NULL	VARCHAR2(30)	(No longer used)
EFFECTIVITY_DATE	NULL	DATE	Revision effectivity date
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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)
ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation for organization name
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Specifies the mode in which item open interface is working (eg: CREATE)
SET_PROCESS_ID	NOT NULL	NUMBER	Used when multiple Item Open Interface processes are run in parallel.

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_REVS_INTERFACE_N1	NOT UNIQUE	1	TRANSACTION_ID
MTL_ITEM_REVS_INTERFACE_N2	NOT UNIQUE	2	ORGANIZATION_ID
		4	INVENTORY_ITEM_ID
		9	REVISION
MTL_ITEM_REVS_INTERFACE_N3	NOT UNIQUE	2	SET_PROCESS_ID
MTL_ITEM_REVS_INTERFACE_N4	NOT UNIQUE	1	ITEM_NUMBER

## 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		NUMBER	Standard Who column
DESCRIPTION		VARCHAR2(240)	Status code description
DISABLE_DATE		DATE	Disable date
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15		VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID		NUMBER	Standard Who column
PROGRAM_APPLICATION_ID		NUMBER	Standard Who column
PROGRAM_ID		NUMBER	Standard Who column
PROGRAM_UPDATE_DATE		DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_STATUS_U1	UNIQUE	1	INVENTORY_ITEM_STATUS_CODE

## MTL\_ITEM\_SUB\_DEFAULTS

MTL\_ITEM\_SUB\_DEFAULTS contains the list of optional default shipping and receiving subinventories for items in an organization. This information is used by Oracle Order Management, Oracle Shipping Execution, and Oracle Purchasing respectively. DEFAULT\_TYPE indicates whether the subinventory is meant for default shipping or receiving.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
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

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEFAULT_TYPE	MTL_DEFAULT_SUBINVENTORY	MFG_LOOKUPS
	1	Default shipping subinventory
	2	Default receiving subinventory

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_CODE (PK)	NOT NULL	VARCHAR2(10)	Subinventory name
DEFAULT_TYPE (PK)	NOT NULL	NUMBER	Default type - shipping or receiving
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
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

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*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MTL_ITEM_SUB_DEFAULTS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	DEFAULT_TYPE

## 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 1 2 6	MFG_LOOKUPS Reorder point planning Min-max planning Not planned
SOURCE_TYPE	MTL_SOURCE_TYPES 1 2	MFG_LOOKUPS Inventory 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		NUMBER	Standard Who column
PRIMARY_SUBINVENTORY_FLAG		NUMBER	Primary / secondary type code
PICKING_ORDER		NUMBER	Picking order
MIN_MINMAX_QUANTITY		NUMBER	Subinventory-level minmax planning minimum quantity
MAX_MINMAX_QUANTITY		NUMBER	Subinventory-level minmax planning maximum quantity
INVENTORY_PLANNING_CODE	NOT NULL	NUMBER	Item planning method
FIXED_LOT_MULTIPLE		NUMBER	Subinventory-level fixed lot multiple
MINIMUM_ORDER_QUANTITY		NUMBER	Subinventory-level minimum order quantity
MAXIMUM_ORDER_QUANTITY		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

## MTL\_ITEM\_SUB\_INVS\_INTERFACE

MTL\_ITEM\_SUB\_INVS\_INTERFACE temporarily stores a listing of subinventories assigned to an inventory or engineering item before loading this information into Oracle Inventory. This table contains a flag (PRIMARY\_SUBINVENTORY\_FLAG) which indicates whether or not the subinventory is the primary subinventory to the item. Only one primary subinventory per item is allowed.

This table contains user friendly columns which allow you to easily enter your data as well as their corresponding foreign keys. Oracle Inventory will default column values you do not enter, after performing the proper validation. For example, if you enter the ITEM\_NUMBER Oracle Inventory will fill in the corresponding INVENTORY\_ITEM\_ID for you.

Also, you can enter five locators for each item subinventory. Oracle Inventory will insert these records into the table, MTL\_SECONDARY\_LOCATORS after validating the data.

This table is currently not used.

### 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
PRIMARY_SUBINVENTORY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded
SOURCE_TYPE	MTL_SOURCE_TYPES	MFG_LOOKUPS
	1	Inventory
	2	Supplier

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
SECONDARY_INVENTORY	NULL	VARCHAR2(10)	Subinventory name
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
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	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
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	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
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation of organization name
ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
SOURCE_ORG_CODE	NULL	VARCHAR2(3)	Abbreviation of source organization name
LOCATOR_ID1	NULL	NUMBER	First locator identifier
LOCATOR_ID2	NULL	NUMBER	Second locator identifier
LOCATOR_ID3	NULL	NUMBER	Third locator identifier
LOCATOR_ID4	NULL	NUMBER	Fourth locator identifier
LOCATOR_ID5	NULL	NUMBER	Fifth locator identifier
LOCATOR_NAME1	NULL	VARCHAR2(81)	First locator name

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Column Descriptions (Continued)

Name	Null?	Type	Description
LOCATOR_NAME2	NULL	VARCHAR2(81)	Second locator name
LOCATOR_NAME3	NULL	VARCHAR2(81)	Third locator name
LOCATOR_NAME4	NULL	VARCHAR2(81)	Fourth locator name
LOCATOR_NAME5	NULL	VARCHAR2(81)	Fifth locator name
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Specifies the mode in which item open interface is working (eg: CREATE)

## MTL\_ITEM\_TEMPLATES

MTL\_ITEM\_TEMPLATES is the definition table for item templates. It contains the user-defined name (TEMPLATE\_NAME) and description (DESCRIPTION).

You can use a template to set certain item attributes. When you apply a template to an item, the enabled item attributes are propagated to the item. You may apply several different templates to an item to achieve a layering of attributes.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
TEMPLATE_ID (PK)	NOT NULL	NUMBER	Template identifier
TEMPLATE_NAME	NOT NULL	VARCHAR2(30)	Template name
DESCRIPTION	NOT NULL	VARCHAR2(240)	Template description
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	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
CONTEXT_ORGANIZATION_ID	NULL	NUMBER	Organization identifier
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

*Column Descriptions (Continued)*

Name	Null?	Type	Description
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

*Indexes*

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_TEMPLATES_U1	UNIQUE	1	TEMPLATE_NAME
MTL_ITEM_TEMPLATES_U2	UNIQUE	1	TEMPLATE_ID

*Sequences*

Sequence	Derived Column
MTL_ITEM_TEMPLATES_S	TEMPLATE_ID



## MTL\_ITEM\_TEMPL\_ATTRIBUTES

MTL\_ITEM\_TEMPL\_ATTRIBUTES stores the attributes and attribute values for item templates. When a template is created, a row is inserted for each available item attribute. The user can then specify values for and enable each template attribute for later use. When the template is applied to an item, the enabled attribute values are propagated to the item.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_ATTRIBUTES	ATTRIBUTE_NAME	ATTRIBUTE_NAME
MTL_ITEM_TEMPLATES	TEMPLATE_ID	TEMPLATE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ATTRIBUTE_GROUP_ID	ITEM_CHOICES	MFG_LOOKUPS
	1	Item category
	100	Service item
	110	Serviceable item
	2	Organization assignment
	20	General information
	30	Bill of materials
	31	Costing
	4	Item catalog
	40	Purchasing
	41	Receiving
	5	Notes
	50	Inventory
	51	Physical attributes
	6	Define item costs
	60	General planning
	62	MPS/MRP planning
	65	Lead times
	70	Work in process
ENABLED_FLAG	80	Order entry
	90	Invoicing
	999	All groups
	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
TEMPLATE_ID (PK)	NOT NULL	NUMBER	Template identifier
ATTRIBUTE_NAME (PK)	NOT NULL	VARCHAR2(50)	Attribute name
ATTRIBUTE_VALUE	NULL	VARCHAR2(240)	Attribute value
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating the attribute is enabled
LAST_UPDATE_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	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
SEQUENCE	NOT NULL	NUMBER	Attribute display sequence in character mode. No longer used
SEQUENCE_GUI	NULL	NUMBER	Attribute display sequence
ATTRIBUTE_GROUP_ID	NOT NULL	NUMBER	Attribute group identifier. Groups attributes into functional areas in character mode. No longer used
ATTRIBUTE_GROUP_ID_GUI	NULL	NUMBER	Attribute group identifier. Groups attributes into functional areas
REPORT_USER_VALUE	NULL	VARCHAR2(240)	User-friendly value of the attribute value

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_TEMPL_ATTRIBUTES_U1	UNIQUE	1	TEMPLATE_ID
		2	ATTRIBUTE_NAME

## Database Triggers

Trigger Name : MTL\_ITEM\_TEMPL\_ATTRIBUTES\_T1  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT

Trigger populates an attribute group identifier and sequence number for an item attribute in the template based on the attribute name. It derives values from the MTL\_ITEM\_ATTRIBUTES table. The trigger fires when a new template is defined and all item attributes for the template are inserted into the MTL\_ITEM\_TEMPL\_ATTRIBUTES table.

## MTL\_ITEM\_VALUES\_TEMP

MTL\_ITEM\_VALUES\_TEMP is a table that holds the name of item attributes and their values. It is used exclusively in the item update copy form as part of the Large Organization project.

Column Descriptions

Name	Null?	Type	Description
ITEM_UPDATE_ID	NULL	NUMBER	Holds sequence id for concurrent session
ITEM_COLUMN_NAME	NULL	VARCHAR2(240)	Holds Names of Chosen Item Attributes
CHOSEN_VALUE	NULL	VARCHAR2(240)	Holds Names of Item Attribute Values

**(Detailed Design  
continued from Volume 1)**

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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	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)*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MTL_KANBAN_CARDS_U1	UNIQUE	1	KANBAN_CARD_ID
MTL_KANBAN_CARDS_U2	UNIQUE	1	KANBAN_CARD_NUMBER
		3	ORGANIZATION_ID

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
MTL_KANBAN_CARDS_S	KANBAN_CARD_ID
MTL_KANBAN_REPLENISH_CYCLE_S	CURRENT_REPLNSH_CYCLE_ID

## MTL\_KANBAN\_CARD\_ACTIVITY

MTL\_KANBAN\_CARD\_ACTIVITY is a history table of the activity performed on a kanban card. The associated attributes describe which kanban card this activity belongs to, and what document replenished it.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID SUBINVENTORY_CODE	ORGANIZATION_ID LOCATOR_ID SUBINVENTORY_NAME
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID SUBINVENTORY_CODE	SOURCE_ORGANIZATION_ID SOURCE_LOCATOR_ID SOURCE_SUBINVENTORY
MTL_KANBAN_CARDS	KANBAN_CARD_ID	KANBAN_CARD_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_NAME ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	SOURCE_ORGANIZATION_ID SOURCE_SUBINVENTORY
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_TXN_REQUEST_HEADERS	HEADER_ID	DOCUMENT_HEADER_ID
MTL_TXN_REQUEST_LINES	LINE_ID	DOCUMENT_DETAIL_ID
PO_DISTRIBUTIONS_ALL	PO_DISTRIBUTION_ID	DOCUMENT_DETAIL_ID
PO_HEADERS_ALL	PO_HEADER_ID	DOCUMENT_HEADER_ID
PO_REQUISITION_HEADERS_ALL	REQUISITION_HEADER_ID	DOCUMENT_HEADER_ID
PO_REQUISITION_LINES_ALL	REQUISITION_LINE_ID	DOCUMENT_DETAIL_ID
PO_VENDORS	VENDOR_ID	SUPPLIER_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	SUPPLIER_SITE_ID
WIP_ENTITIES	WIP_ENTITY_ID	DOCUMENT_HEADER_ID
WIP_LINES	LINE_ID	WIP_LINE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CARD_STATUS	MTL_KANBAN_CARD_STATUS 1 2 3	MFG_LOOKUPS Active Hold Canceled
DOCUMENT_TYPE	MTL_KANBAN_DOCUMENT_TYPE 1 2 3	MFG_LOOKUPS Purchase Order Blanket Release Internal requisition
ERROR_CODE	MTL_KANBAN_ERROR_CODE 1 2	MFG_LOOKUPS Lost Damaged
KANBAN_CARD_TYPE	MTL_KANBAN_CARD_TYPE 1 2	MFG_LOOKUPS Replenishable Non Replenishable
SOURCE_TYPE	MTL_KANBAN_SOURCE_TYPE 1 2 3	MFG_LOOKUPS Inter Org Supplier Intra Org

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	4	Production
SUPPLY_STATUS	MTL_KANBAN_SUPPLY_STATUS	MFG_LOOKUPS
	1	New
	2	Full
	3	Wait
	4	Empty
	5	In Process
	6	In Transit

Column Descriptions

Name	Null?	Type	Description
KANBAN_ACTIVITY_ID (PK)	NOT NULL	NUMBER	Kanban card activity identifier
REPLENISHMENT_CYCLE_ID	NOT NULL	NUMBER	Replenishment cycle identifier
KANBAN_CARD_ID	NOT NULL	NUMBER	Kanban card identifier
KANBAN_CARD_NUMBER	NOT NULL	VARCHAR2(30)	Kanban card number
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_NAME	NOT NULL	VARCHAR2(10)	Subinventory name
SUPPLY_STATUS	NOT NULL	NUMBER	Kanban supply status
CARD_STATUS	NOT NULL	NUMBER	Kanban card status
KANBAN_CARD_TYPE	NOT NULL	NUMBER	Kanban card type
SOURCE_TYPE	NOT NULL	NUMBER	Kanban source type
KANBAN_SIZE	NOT NULL	NUMBER	Kanban quantity
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LOCATOR_ID	NUL	NUMBER	Locator identifier
SUPPLIER_ID	NUL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NUL	NUMBER	Supplier site identifier
SOURCE_ORGANIZATION_ID	NUL	NUMBER	Source organization identifier
SOURCE_SUBINVENTORY	NUL	VARCHAR2(10)	Source subinventory name
SOURCE_LOCATOR_ID	NUL	NUMBER	Source locator identifier
WIP_LINE_ID	NUL	NUMBER	Wip Line Identifier
DOCUMENT_TYPE	NUL	NUMBER	Replenishment document type
DOCUMENT_HEADER_ID	NUL	NUMBER	Document header identifier
DOCUMENT_DETAIL_ID	NUL	NUMBER	Document detail identifier
ERROR_CODE	NUL	NUMBER	Error code
LAST_UPDATE_LOGIN	NUL	NUMBER	Standard Who column
LAST_PRINT_DATE	NUL	DATE	Last printed date of kanban card
ATTRIBUTE_CATEGORY	NUL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NUL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_KANBAN_CARD_ACTIVITY_N1	NOT UNIQUE	1	KANBAN_CARD_ID
MTL_KANBAN_CARD_ACTIVITY_N2	NOT UNIQUE	1	KANBAN_CARD_NUMBER
MTL_KANBAN_CARD_ACTIVITY_N3	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
MTL_KANBAN_CARD_ACTIVITY_U1	UNIQUE	1	KANBAN_ACTIVITY_ID

Sequences

Sequence	Derived Column
MTL_KANBAN_CARD_ACTIVITY_S	KANBAN_ACTIVITY_ID

## MTL\_KANBAN\_CARD\_PRINT\_TEMP

MTL\_KANBAN\_CARD\_PRINT\_TEMP is a temporary table used for printing kanban cards. This is used only when you generate kanban cards with the option of printing kanban cards set to yes.

*Column Descriptions*

Name	Null?	Type	Description
REPORT_ID	NOT NULL	NUMBER	Report identifier
PULL_SEQUENCE_ID	NULL	NUMBER	Pull sequence identifier
KANBAN_CARD_ID	NOT NULL	NUMBER	Kanban card identifier

## MTL\_KANBAN\_PULL\_SEQUENCES

MTL\_KANBAN\_PULL\_SEQUENCES is the definition table for pull sequences. The associated attributes describe which item, subinventory, and locator this pull sequence belongs to, the source type, number of kanbans, kanban size, replenishment lead time, and other planning attributes.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_INTERORG_PARAMETERS	FROM_ORGANIZATION_ID TO_ORGANIZATION_ID	SOURCE_ORGANIZATION_ID ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID SUBINVENTORY_CODE	LOCATOR_ID ORGANIZATION_ID SUBINVENTORY_NAME
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID SUBINVENTORY_CODE	SOURCE_ORGANIZATION_ID SOURCE_LOCATOR_ID SOURCE_SUBINVENTORY
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID SUBINVENTORY_NAME
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SOURCE_SUBINVENTORY SOURCE_ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
PO_VENDORS	VENDOR_ID	SUPPLIER_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	SUPPLIER_SITE_ID
WIP_LINES	LINE_ID	WIP_LINE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AGGREGATION_TYPE	MTL_KANBAN_AGGREGATION_TYPE	MFG_LOOKUPS
	1	None
	2	Minimum Order Quantity
CALCULATE_KANBAN_FLAG	MTL_CALCULATE_KANBAN_FLAG	MFG_LOOKUPS
	1	Kanban Size
	2	Number Of Cards
	3	Do not Calculate
RELEASE_KANBAN_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SOURCE_TYPE	MTL_KANBAN_SOURCE_TYPE	MFG_LOOKUPS
	1	Inter Org
	2	Supplier
	3	Intra Org
	4	Production

### Column Descriptions

Name	Null?	Type	Description
PULL_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Pull sequence identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_NAME	NOT NULL	VARCHAR2(10)	Subinventory name

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Column Descriptions (Continued)

Name	Null?	Type	Description
KANBAN_PLAN_ID	NOT NULL	NUMBER	Kanban plan identifier
SOURCE_TYPE	NOT NULL	NUMBER	Kanban source type
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LOCATOR_ID	NNULL	NUMBER	Locator identifier
SUPPLIER_ID	NNULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NNULL	NUMBER	Supplier site identifier
SOURCE_ORGANIZATION_ID	NNULL	NUMBER	Source organization identifier
SOURCE_SUBINVENTORY	NNULL	VARCHAR2(10)	Source subinventory name
SOURCE_LOCATOR_ID	NNULL	NUMBER	Source locator identifier
WIP_LINE_ID	NNULL	NUMBER	WIP line identifier
REPLENISHMENT_LEAD_TIME	NNULL	NUMBER	Lead time to replenish kanban
CALCULATE_KANBAN_FLAG	NNULL	NUMBER	Flag indicating what to calculate
KANBAN_SIZE	NNULL	NUMBER	Kanban quantity
FIXED_LOT_MULTIPLIER	NNULL	NUMBER	Fixed lot multiplier
SAFETY_STOCK_DAYS	NNULL	NUMBER	Safety stock days
NUMBER_OF_CARDS	NNULL	NUMBER	Number of kanban cards
MINIMUM_ORDER_QUANTITY	NNULL	NUMBER	Minimum order quantity
AGGREGATION_TYPE	NNULL	NUMBER	Aggregation type
ALLOCATION_PERCENT	NNULL	NUMBER	Allocation percent
LAST_UPDATE_LOGIN	NNULL	NUMBER	Standard Who column
UPDATED_FLAG	NNULL	NUMBER	Standard Who column
RELEASE_KANBAN_FLAG	NOT NULL	NUMBER	Flag to indicate that Kanban will execute (Yes) or not (No, for planning only).
ATTRIBUTE_CATEGORY	NNULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NNULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NNULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NNULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NNULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NNULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NNULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NNULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NNULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NNULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NNULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NNULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NNULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NNULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NNULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NNULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NNULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NNULL	NUMBER	Concurrent Who column
PROGRAM_ID	NNULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NNULL	DATE	Concurrent Who column
POINT_OF_USE_X	NNULL	NUMBER	
POINT_OF_USE_Y	NNULL	NUMBER	
POINT_OF_SUPPLY_X	NNULL	NUMBER	
POINT_OF_SUPPLY_Y	NNULL	NUMBER	

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*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MTL_KANBAN_PULL_SEQUENCES_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	KANBAN_PLAN_ID
MTL_KANBAN_PULL_SEQUENCES_N2	NOT UNIQUE	2	KANBAN_PLAN_ID
		4	ORGANIZATION_ID
MTL_KANBAN_PULL_SEQUENCES_N3	NOT UNIQUE	1	SOURCE_TYPE
		2	ORGANIZATION_ID
MTL_KANBAN_PULL_SEQUENCES_U1	UNIQUE	1	PULL_SEQUENCE_ID
MTL_KANBAN_PULL_SEQUENCES_U2	UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	KANBAN_PLAN_ID
		4	SUBINVENTORY_NAME
		5	LOCATOR_ID

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
MTL_KANBAN_PULL_SEQUENCES_S	PULL_SEQUENCE_ID

# MTL\_KANBAN\_TEMPLATES

## Column Descriptions

Name	Null?	Type	Description
TEMPLATE_NAME	NOT NULL	VARCHAR2(10)	
DESCRIPTION	NULL	VARCHAR2(240)	
ORGANIZATION_ID	NOT NULL	NUMBER	
SUBINVENTORY_NAME	NOT NULL	VARCHAR2(10)	
LOCATOR_ID	NULL	NUMBER	
SOURCE_TYPE	NOT NULL	NUMBER	
SOURCE_ORGANIZATION_ID	NULL	NUMBER	
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	
SOURCE_LOCATOR_ID	NULL	NUMBER	
SUPPLIER_ID	NULL	NUMBER	
SUPPLIER_SITE_ID	NULL	NUMBER	
WIP_LINE_ID	NULL	NUMBER	
REPLENISHMENT_LEAD_TIME	NULL	NUMBER	
CALCULATE_KANBAN_FLAG	NULL	NUMBER	
KANBAN_SIZE	NULL	NUMBER	
FIXED_LOT_MULTIPLIER	NULL	NUMBER	
SAFETY_STOCK_DAYS	NULL	NUMBER	
NUMBER_OF_CARDS	NULL	NUMBER	
MINIMUM_ORDER_QUANTITY	NULL	NUMBER	
AGGREGATION_TYPE	NULL	NUMBER	
ALLOCATION_PERCENT	NULL	NUMBER	
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	
ATTRIBUTE1	NULL	VARCHAR2(150)	
ATTRIBUTE2	NULL	VARCHAR2(150)	
ATTRIBUTE3	NULL	VARCHAR2(150)	
ATTRIBUTE4	NULL	VARCHAR2(150)	
ATTRIBUTE5	NULL	VARCHAR2(150)	
ATTRIBUTE6	NULL	VARCHAR2(150)	
ATTRIBUTE7	NULL	VARCHAR2(150)	
ATTRIBUTE8	NULL	VARCHAR2(150)	
ATTRIBUTE9	NULL	VARCHAR2(150)	
ATTRIBUTE10	NULL	VARCHAR2(150)	
ATTRIBUTE11	NULL	VARCHAR2(150)	
ATTRIBUTE12	NULL	VARCHAR2(150)	
ATTRIBUTE13	NULL	VARCHAR2(150)	
ATTRIBUTE14	NULL	VARCHAR2(150)	
ATTRIBUTE15	NULL	VARCHAR2(150)	
RELEASE_KANBAN_FLAG	NOT NULL	NUMBER	
POINT_OF_USE_X	NULL	NUMBER	
POINT_OF_USE_Y	NULL	NUMBER	
POINT_OF_SUPPLY_X	NULL	NUMBER	
POINT_OF_SUPPLY_Y	NULL	NUMBER	
LAST_UPDATE_LOGIN	NULL	NUMBER	
LAST_UPDATE_DATE	NOT NULL	DATE	
LAST_UPDATED_BY	NOT NULL	NUMBER	
CREATION_DATE	NOT NULL	DATE	
CREATED_BY	NOT NULL	NUMBER	

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Indexes

Index Name	Index Type	Sequence	Column Name
MTL_KANBAN_TEMPLATES_U1	UNIQUE	1	TEMPLATE_NAME
		2	ORGANIZATION_ID



# MTL\_LE\_ECONOMIC\_ZONES

MTL\_LE\_ECONOMIC\_ZONES is an intersection table. It stores information concerning the assignment of legal entity to economic zones. There is one entry in this table for every legal entity and economic zone.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	LEGAL_ENTITY_ID
MTL_ECONOMIC_ZONES_B	ZONE_CODE	ZONE_CODE

Column Descriptions

Name	Null?	Type	Description
LEGAL_ENTITY_ID (PK)	NOT NULL	NUMBER	Legal Entity Identifier
ZONE_CODE (PK)	NOT NULL	VARCHAR2(10)	Economic Zone Code
CREATED_BY	NOT NULL	NUMBER(15)	standard who column
CREATION_DATE	NOT NULL	DATE	standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	standard who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	standard who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_LE_ECONOMIC_ZONES_U1	UNIQUE	5	LEGAL_ENTITY_ID
		10	ZONE_CODE

## MTL\_LOT\_NUMBERS

MTL\_LOT\_NUMBERS stores the definition and expiration date of all lot numbers in inventory.

Since the primary key consists of LOT\_NUMBER, ORGANIZATION\_ID, and INVENTORY\_ITEM\_ID, a lot number could exist in more than one organization or for different items.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MATERIAL_STATUSES_B	STATUS_ID	STATUS_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DISABLE_FLAG	SYS_YES_NO 1 2	MFG_LOOKUPS Yes 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

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
GEN_OBJECT_ID	NULL	NUMBER	Genealogy object identifier
DESCRIPTION	NULL	VARCHAR2(256)	Description for the Lot Number - Used by WMS only
VENDOR_ID	NULL	NUMBER	Supplier identification (from po_vendors table) - Used by WMS Only
SUPPLIER_LOT_NUMBER	NULL	VARCHAR2(150)	Lot number given by the supplier for PO receipts - Used By WMS Only
TERRITORY_CODE	NULL	VARCHAR2(30)	Territory Code for Country of Origin
GRADE_CODE	NULL	VARCHAR2(150)	Grade Code - Used By WMS Only
ORIGINATION_DATE	NULL	DATE	Lot creation date (as in the BRD) - Used By WMS Only
DATE_CODE	NULL	VARCHAR2(150)	Date Code - Used By WMS Only
STATUS_ID	NULL	NUMBER	Status identifier - Used by WMS only
CHANGE_DATE	NULL	DATE	Last modified date (as in the BRD) - Used By WMS Only
AGE	NULL	NUMBER	The age of the lot or subplot in days after the creation date - Used By WMS Only
RETEST_DATE	NULL	DATE	Retest date - Used By WMS Only
MATURITY_DATE	NULL	DATE	The date on which the item matures - Used By WMS Only
LOT_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Lot attributes descriptive flexfield structure defining column
ITEM_SIZE	NULL	NUMBER	The size of a given product, determined by visual inspection. - Used By WMS Only
COLOR	NULL	VARCHAR2(150)	Color- Used By WMS Only
VOLUME	NULL	NUMBER	The volume of the lot or subplot- Used By WMS Only
VOLUME_UOM	NULL	VARCHAR2(3)	When defining the volume attribute the ability to identify a volume unit of measure such as cubic inches or cubic centimeters should also be included. - Used By WMS Only
PLACE_OF_ORIGIN	NULL	VARCHAR2(150)	Country of Origin- Used By WMS Only
BEST_BY_DATE	NULL	DATE	The date on or before which the lot or subplot is best used.- Used By WMS Only
LENGTH	NULL	NUMBER	The length dimension of the lot or subplot.- Used By WMS Only
LENGTH_UOM	NULL	VARCHAR2(3)	Unit of measure for measuring length- Used By WMS Only
RECYCLED_CONTENT	NULL	NUMBER	The content, usually expressed as a percentage, of the product that is made up of recycled materials- Used By WMS Only
THICKNESS	NULL	NUMBER	The thickness dimension of the lot.- Used By WMS Only
THICKNESS_UOM	NULL	VARCHAR2(3)	UOM to measure thickness- Used By WMS Only
WIDTH	NULL	NUMBER	The width dimension of the lot.- Used By WMS Only

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Column Descriptions (Continued)

Name	Null?	Type	Description
WIDTH_UOM	NULL	VARCHAR2(3)	UOM to measure width dimension of the lot.- Used By WMS Only
CURL_WRINKLE_FOLD	NULL	VARCHAR2(150)	This attribute is used in the pulp and paper industry to identify potential problems when feeding the paper through machinery.- Used By WMS Only
C_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE1	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE2	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE3	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE4	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE5	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE6	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE7	NULL	DATE	Descriptive flexfield segment-Used By WMS Only

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Column Descriptions (Continued)

Name	Null?	Type	Description
D_ATTRIBUTE8	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE9	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE10	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE1	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE2	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE3	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE4	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE5	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE6	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE7	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE8	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE9	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE10	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_LOT_NUMBERS_N1	NOT UNIQUE	1	LOT_NUMBER
MTL_LOT_NUMBERS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	LOT_NUMBER
MTL_LOT_NUMBERS_U2	UNIQUE	5	GEN_OBJECT_ID

Sequences

Sequence	Derived Column
MTL_GEN_OBJECT_ID_S	GEN_OBJECT_ID

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## MTL\_MANUFACTURERS

MTL\_MANUFACTURERS stores the definition of a manufacturer of items defined in Oracle Inventory. This information may be used to search for items by manufacturer or by manufacturer's part number.

Manufacturer part numbers for items produced by the manufacturers defined here are stored in MTL\_MFG\_PART\_NUMBERS.

### Column Descriptions

Name	Null?	Type	Description
MANUFACTURER_ID (PK)	NOT NULL	NUMBER	Manufacturer identifier
MANUFACTURER_NAME	NOT NULL	VARCHAR2(30)	Manufacturer name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Manufacturer description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MANUFACTURERS_U1	UNIQUE	1	MANUFACTURER_ID

### Sequences

Sequence	Derived Column
MTL_MANUFACTURERS_S	MANUFACTURER_ID

## MTL\_MATERIAL\_STATUSES

MTL\_MATERIAL\_STATUSES is the definition table for the inventory statuses. The defined status can be assigned to Subinventory, locator, lot and serial to restrict certain transaction types. This table is only used to seed the predefined statuses. MTL\_MATERIAL\_STATUSES\_B and MTL\_MATERIAL\_STATUSES\_TL are used in the applications.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ENABLED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
LOCATOR_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
LOT_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SERIAL_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
ZONE_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

### Column Descriptions

Name	Null?	Type	Description
STATUS_ID (PK)	NOT NULL	NUMBER	Status identifier
STATUS_CODE	NOT NULL	VARCHAR2(80)	Status name
DESCRIPTION	NULL	VARCHAR2(240)	Description for this status
ZONE_CONTROL	NULL	NUMBER	Indicates whether this status can be assigned to subinventory (1) or not(2)
LOCATOR_CONTROL	NULL	NUMBER	Indicates whether this status can be assigned to locator(1) or not(2)
LOT_CONTROL	NULL	NUMBER	Indicates whether this status can be assigned to lot(1) or not(2)
SERIAL_CONTROL	NULL	NUMBER	Indicates whether this status can be assigned to serial(1) or not(2)
ENABLED_FLAG	NULL	NUMBER	Indicates if this status is active(1) or not(2)
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

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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

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_STATUSES_U1	UNIQUE	1	STATUS_ID



## MTL\_MATERIAL\_STATUSES\_B

MTL\_MATERIAL\_STATUSES\_B is the base table for the inventory statuses. It contains all the attributes which are not translated and don't vary by language. The defined status can be assigned to Subinventory, locator, lot and serial to restrict certain transaction types.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ENABLED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
LOCATOR_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	2	No
LOT_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
LPN_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	2	No
SERIAL_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
ZONE_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	2	No

### Column Descriptions

Name	Null?	Type	Description
STATUS_ID (PK)	NOT NULL	NUMBER	Status identifier
ZONE_CONTROL	NOT NULL	NUMBER	Indicates if the status can be assigned to Subinventory (1) or not (2)
LOCATOR_CONTROL	NOT NULL	NUMBER	Indicates if the status can be assigned to Locator (1) or not (2)
LOT_CONTROL	NOT NULL	NUMBER	Indicates if the status can be assigned to Lot (1) or not (2)
SERIAL_CONTROL	NOT NULL	NUMBER	Indicates if the status can be assigned to Serial (1) or not (2)
ENABLED_FLAG	NOT NULL	NUMBER	Indicates if the status is active (1) or not (2)
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

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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
LPN_CONTROL	NOT NULL	NUMBER	Indicates if the status can be assigned to LPN (1) or not (2)

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_STATUSES_B_PK	UNIQUE	10	STATUS_ID

Sequences

Sequence	Derived Column
MTL_MATERIAL_STATUS_S	STATUS_ID

## MTL\_MATERIAL\_STATUSES\_TL

MTL\_MATERIAL\_STATUSES\_TL is the translation table for the inventory statuses. It contains all the attributes which vary by language such as status code and description. The translated attributes are maintained for all installed languages.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MATERIAL_STATUSES_B	STATUS_ID	STATUS_ID

Column Descriptions

Name	Null?	Type	Description
STATUS_ID (PK)	NOT NULL	NUMBER	Status identifier
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
STATUS_CODE	NOT NULL	VARCHAR2(80)	Status name
DESCRIPTION	NULL	VARCHAR2(240)	Status description
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	Destination language
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Source language

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_STATUSES_TL_PK	UNIQUE	2 6	STATUS_ID LANGUAGE

# MTL\_MATERIAL\_STATUS\_HISTORY

MTL\_MATERIAL\_STATUS\_HISTORY stores the status update history for subinventory, locator, lot and serial.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_LOT_NUMBERS	INVENTORY_ITEM_ID ORGANIZATION_ID LOT_NUMBER	INVENTORY_ITEM_ID ORGANIZATION_ID LOT_NUMBER
MTL_MATERIAL_STATUSES_B	STATUS_ID	STATUS_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID ZONE_CODE
MTL_SERIAL_NUMBERS	INVENTORY_ITEM_ID CURRENT_ORGANIZATION_ID SERIAL_NUMBER	INVENTORY_ITEM_ID ORGANIZATION_ID SERIAL_NUMBER
MTL_TRANSACTION_REASONS	REASON_ID	UPDATE_REASON_ID

## Column Descriptions

Name	Null?	Type	Description
STATUS_UPDATE_ID (PK)	NOT NULL	NUMBER	Status history identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial number
UPDATE_METHOD	NOT NULL	NUMBER	Status update method
STATUS_ID	NOT NULL	NUMBER	Status identifier
ZONE_CODE	NULL	VARCHAR2(10)	Subinventory name
LOCATOR_ID	NULL	NUMBER	Locator identifier
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
UPDATE_REASON_ID	NULL	NUMBER	Update reason identifier

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*Indexes*

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_STATUS_HISTORY_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	LOT_NUMBER
MTL_MATERIAL_STATUS_HISTORY_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	SERIAL_NUMBER
MTL_MATERIAL_STATUS_HISTORY_N3	NOT UNIQUE	1	ORGANIZATION_ID
		2	ZONE_CODE
MTL_MATERIAL_STATUS_HISTORY_N4	NOT UNIQUE	1	ORGANIZATION_ID
		2	LOCATOR_ID

*Sequences*

Sequence	Derived Column
MTL_MATERIAL_STATUS_HISTORY_S	STATUS_UPDATE_ID

## 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	LOCATOR_ID
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION	REVISION
	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
MTL_PHYSICAL_ADJUSTMENTS	ADJUSTMENT_ID	PHYSICAL_ADJUSTMENT_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	SUBINVENTORY_CODE
	ORGANIZATION_ID	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		NUMBER	Standard Who column
REQUEST_ID		NUMBER	Standard Who column
PROGRAM_APPLICATION_ID		NUMBER	Standard Who column
PROGRAM_ID		NUMBER	Standard Who column
PROGRAM_UPDATE_DATE		DATE	Standard Who column
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
REVISION		VARCHAR2(3)	Inventory item revision
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_CODE		VARCHAR2(10)	Transaction secondary inventory
LOCATOR_ID		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 jobcompletion
PM_COST_COLLECTED	NULL	VARCHAR2(1)	Specifies whether the row has been interfaced to Oracle Projects
PM_COST_COLLECTOR_GROUP_ID	NULL	NUMBER	Group identifier used by cost collector to process group of records.
SHIPMENT_COSTED	NULL	VARCHAR2(1)	Indicates if the shipment transaction has been processed by the cost worker
TRANSFER_PERCENTAGE	NULL	NUMBER	Percentage of value to attribute to transfer costs in an Inter-Orgtransfer
MATERIAL_ACCOUNT	NULL	NUMBER	Specifies the material account
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	Specifies the material overhead account
RESOURCE_ACCOUNT	NULL	NUMBER	Specifies the resource account
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	Specifies the 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
LPN_ID	NULL	NUMBER	License Plate Number Identifier - used by WMS only
TRANSFER_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier
PICK_STRATEGY_ID	NULL	NUMBER	WMS strategy used for picking
PICK_RULE_ID	NULL	NUMBER	WMS rule used for picking
PUT_AWAY_STRATEGY_ID	NULL	NUMBER	WMS strategy used for put away
PUT_AWAY_RULE_ID	NULL	NUMBER	WMS rule used for put away
CONTENT_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier - used by WMS only
PICK_SLIP_DATE	NULL	DATE	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_TRANSACTIONS_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N10	NOT UNIQUE	1	COSTED_FLAG
		3	TRANSACTION_GROUP_ID
MTL_MATERIAL_TRANSACTIONS_N11	NOT UNIQUE	2	INVOICED_FLAG
MTL_MATERIAL_TRANSACTIONS_N12	NOT UNIQUE	1	TRANSACTION_SET_ID
MTL_MATERIAL_TRANSACTIONS_N13	NOT UNIQUE	2	PM_COST_COLLECTED
		4	PM_COST_COLLECTOR_GROUP_ID
MTL_MATERIAL_TRANSACTIONS_N14	NOT UNIQUE	2	COMPLETION_TRANSACTION_ID
MTL_MATERIAL_TRANSACTIONS_N15	NOT UNIQUE	1	TRANSACTION_ACTION_ID
		2	TRANSACTION_TYPE_ID
		3	TRANSACTION_SOURCE_TYPE_ID
		4	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N16	NOT UNIQUE	5	PICK_SLIP_NUMBER
MTL_MATERIAL_TRANSACTIONS_N17	NOT UNIQUE	5	MOVE_ORDER_LINE_ID
MTL_MATERIAL_TRANSACTIONS_N18	NOT UNIQUE	10	PICKING_LINE_ID
MTL_MATERIAL_TRANSACTIONS_N2	NOT UNIQUE	1	TRANSACTION_SOURCE_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N3	NOT UNIQUE	1	SUBINVENTORY_CODE
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N4	NOT UNIQUE	1	VENDOR_LOT_NUMBER
MTL_MATERIAL_TRANSACTIONS_N5	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N6	NOT UNIQUE	1	SHIPMENT_NUMBER
MTL_MATERIAL_TRANSACTIONS_N7	NOT UNIQUE	1	ACCT_PERIOD_ID
		2	ORGANIZATION_ID
MTL_MATERIAL_TRANSACTIONS_N8	NOT UNIQUE	1	TRANSACTION_SOURCE_TYPE_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
		4	TRANSACTION_SOURCE_NAME
MTL_MATERIAL_TRANSACTIONS_N9	NOT UNIQUE	1	TRANSACTION_ACTION_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_TYPE_ID
		4	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_U1	UNIQUE	1	TRANSACTION_ID

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#### Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_TRANSACTIONS_U2	UNIQUE	1	TRANSACTION_ACTION_ID
		2	TRANSACTION_TYPE_ID
		3	TRANSACTION_SOURCE_TYPE_ID
		4	TRANSACTION_ID

#### Sequences

Sequence	Derived Column
MTL_MATERIAL_TRANSACTIONS_S	TRANSACTION_ID

#### Database Triggers

Trigger Name : JA\_AU\_LOCAL\_ACCOUNTING  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger is on the COSTED\_FLAG column of MTL\_MATERIAL\_TRANSACTIONS. It calls a PL/SQL package to update MTL\_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).

Trigger Name : AX\_MTL\_MAT\_TRANS\_AR11  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT

This trigger captures information needed to create subledger accounting events when Oracle Inventory and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger 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.

# MTL\_MATERIAL\_TRANSACTIONS\_EFC

MTL\_MATERIAL\_TRANSACTIONS\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_MATERIAL\_TRANSACTIONS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
TRANSPORTATION_COST	NULL	NUMBER	Transportation Cost
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier
NEW_COST	NULL	NUMBER	New Cost
ACTUAL_COST	NULL	NUMBER	Actual Cost
PRIOR_COST	NULL	NUMBER	Prior Cost
ENCUMBRANCE_AMOUNT	NULL	NUMBER	Encumbrance Amount
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency Conversion Rate
VARIANCE_AMOUNT	NULL	NUMBER	Variance Amount
TRANSFER_COST	NULL	NUMBER	Transfer Cost
TRANSACTION_COST	NULL	NUMBER	Transaction Cost
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

## 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	TRANSACTION_SOURCE_TYPE_ID
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID	LOCATOR_ID
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID	TRANSFER_TO_LOCATION
	ORGANIZATION_ID	TRANSFER_ORGANIZATION
MTL_ITEM_REVISIONS	REVISION	REVISION
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_RESERVATIONS	RESERVATION_ID	RESERVATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	SUBINVENTORY_CODE
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	TRANSFER_SUBINVENTORY
	ORGANIZATION_ID	TRANSFER_ORGANIZATION
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_TXN_REQUEST_LINES	LINE_ID	MOVE_ORDER_LINE_ID
ORG_ACCT_PERIODS	ACCT_PERIOD_ID	ACCT_PERIOD_ID
	ORGANIZATION_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 1	MFG_LOOKUPS Normal issue/receipt
TRANSACTION_SOURCE_TYPE_ID	MTL_DISPOSITION 1 2 3 4 5 6	MFG_LOOKUPS Purchase order Sales order Account number Job or schedule Job or schedule Account alias

### Column Descriptions

Name	Null?	Type	Description
TRANSACTION_HEADER_ID	NULL	NUMBER	Transaction group identifier
TRANSACTION_TEMP_ID	NULL	NUMBER	Transaction line identifier used to join to lot or serial table when under these controls
SOURCE_CODE	NULL	VARCHAR2(30)	Source identifier
SOURCE_LINE_ID	NULL	NUMBER	Source line identifier
TRANSACTION_MODE	NULL	NUMBER	Process mode code
LOCK_FLAG	NULL	VARCHAR2(1)	Row lock flag used by Transaction Manager
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory name
LOCATOR_ID	NULL	NUMBER	Locator identifier
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Quantity entered at transaction time
PRIMARY_QUANTITY	NOT NULL	NUMBER	Transaction quantity in terms of the primary uom of the item
TRANSACTION_UOM	NOT NULL	VARCHAR2(3)	UOM used at the time of transaction
TRANSACTION_COST	NULL	NUMBER	Transaction cost
TRANSACTION_TYPE_ID	NOT NULL	NUMBER	Transaction type identifier
TRANSACTION_ACTION_ID	NOT NULL	NUMBER	Transaction action identifier
TRANSACTION_SOURCE_TYPE_ID	NOT NULL	NUMBER	Transaction source type identifier
TRANSACTION_SOURCE_ID	NULL	NUMBER	Transaction source 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 code
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



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
TRANSFER_COST_GROUP_ID	NULL	NUMBER	Transfer Cost Group
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand Class
QA_COLLECTION_ID	NULL	NUMBER	Quality Results Identifier
KANBAN_CARD_ID	NULL	NUMBER	Kanban card identifier
OVERCOMPLETION_TRANSACTION_QTY	NULL	NUMBER	Overcompletion transaction quantity
OVERCOMPLETION_PRIMARY_QTY	NULL	NUMBER	Overcompletion Primary quantity
OVERCOMPLETION_TRANSACTION_ID	NULL	NUMBER	Overcompletion Transaction Identifier
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(60)	End Item Unit Number
SCHEDULED_PAYBACK_DATE	NULL	DATE	Standard Who column
LINE_TYPE_CODE	NULL	NUMBER	Line type code
PARENT_TRANSACTION_TEMP_ID	NULL	NUMBER	Parent transaction temp id
PUT_AWAY_STRATEGY_ID	NULL	NUMBER	Put away Strategy ID - used by WMS only
PUT_AWAY_RULE_ID	NULL	NUMBER	Put away Rule ID - used by WMS only
PICK_STRATEGY_ID	NULL	NUMBER	Pick Strategy ID - used by WMS only
PICK_RULE_ID	NULL	NUMBER	Pick Rule ID
MOVE_ORDER_LINE_ID	NULL	NUMBER	Move order line identifier that this transaction line is tied to
TASK_GROUP_ID	NULL	NUMBER	Task group identifier for this task
PICK_SLIP_NUMBER	NULL	NUMBER	Pick Slip number for the transaction line
RESERVATION_ID	NULL	NUMBER	Reservation identifier
COMMON_BOM_SEQ_ID	NULL	NUMBER	Bill identifier of common bom used
COMMON_ROUTING_SEQ_ID	NULL	NUMBER	Routing id of the common routing used
ORG_COST_GROUP_ID	NULL	NUMBER	Organization's cost group identifier
COST_TYPE_ID	NULL	NUMBER	Cost type
TRANSACTION_STATUS	NULL	NUMBER	Indicates if it has to be processed or just saved. NULL or 1 is default behavior. 2 is save only. 3 is ready to process
STANDARD_OPERATION_ID	NULL	NUMBER	Standard operation identifier - used by WMS only
TASK_PRIORITY	NULL	NUMBER	Task priority - used by WMS only
WMS_TASK_TYPE	NULL	NUMBER	WMS Task Type - used by WMS only
PARENT_LINE_ID	NULL	NUMBER	(For future use only)
LPN_ID	NULL	NUMBER	License Plate Number Identifier - used by WMS only
TRANSFER_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier - used by WMS only
WMS_TASK_STATUS	NULL	NUMBER	Status of the WMS task
CONTENT_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier - used by WMS only
CONTAINER_ITEM_ID	NULL	NUMBER	Item id for suggested container item for this line - used by WMS only

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Column Descriptions (Continued)

Name	Null?	Type	Description
CARTONIZATION_ID	NULL	NUMBER	Sequential LPN Id generated by cartonization - used by WMS only
PICK_SLIP_DATE	NULL	DATE	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_TRANS_TEMP_N1	NOT UNIQUE	1	TRANSACTION_HEADER_ID
MTL_MATERIAL_TRANS_TEMP_N10	NOT UNIQUE	1	ORGANIZATION_ID
		2	SUBINVENTORY_CODE
		3	LOCATOR_ID
MTL_MATERIAL_TRANS_TEMP_N11	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSFER_SUBINVENTORY
MTL_MATERIAL_TRANS_TEMP_N12	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSFER_SUBINVENTORY
		3	TRANSFER_TO_LOCATION
MTL_MATERIAL_TRANS_TEMP_N13	NOT UNIQUE	5	PICK_SLIP_NUMBER
MTL_MATERIAL_TRANS_TEMP_N14	NOT UNIQUE	5	MOVE_ORDER_LINE_ID
MTL_MATERIAL_TRANS_TEMP_N15	NOT UNIQUE	5	RESERVATION_ID
MTL_MATERIAL_TRANS_TEMP_N16	NOT UNIQUE	1	ORGANIZATION_ID
		2	WMS_TASK_TYPE
		3	STANDARD_OPERATION_ID
MTL_MATERIAL_TRANS_TEMP_N2	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	SUBINVENTORY_CODE
MTL_MATERIAL_TRANS_TEMP_N3	NOT UNIQUE	1	PICKING_LINE_ID
MTL_MATERIAL_TRANS_TEMP_N4	NOT UNIQUE	2	COMPLETION_TRANSACTION_ID
MTL_MATERIAL_TRANS_TEMP_N5	NOT UNIQUE	5	LINE_TYPE_CODE
MTL_MATERIAL_TRANS_TEMP_N6	NOT UNIQUE	6	PARENT_TRANSACTION_TEMP_ID
MTL_MATERIAL_TRANS_TEMP_N8	NOT UNIQUE	1	TRANSACTION_SOURCE_TYPE_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
		4	TRANSACTION_SOURCE_NAME
MTL_MATERIAL_TRANS_TEMP_N9	NOT UNIQUE	1	ORGANIZATION_ID
		2	SUBINVENTORY_CODE
MTL_MATERIAL_TRANS_TEMP_U1	UNIQUE	1	TRANSACTION_TEMP_ID

## 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\_MFG\_PART\_NUMBERS

MTL\_MFG\_PART\_NUMBERS stores the cross reference between an item defined in Oracle Inventory and the part number used by its manufacturer. This information can be used to perform item searches by manufacturer part number.

Manufacturer part number references are defined for an item in the item master organization.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MANUFACTURERS	MANUFACTURER_ID	MANUFACTURER_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID

### Column Descriptions

Name	Null?	Type	Description
MANUFACTURER_ID (PK)	NOT NULL	NUMBER	Manufacturer identifier
MFG_PART_NUM (PK)	NOT NULL	VARCHAR2(30)	Manufacturer's part number
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
MRP_PLANNING_CODE	NULL	NUMBER	(not currently used)
DESCRIPTION	NULL	VARCHAR2(240)	(not currently used)
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MFG_PART_NUMBERS_U1	UNIQUE	1	ORGANIZATION_ID
		2	MANUFACTURER_ID
		3	MFG_PART_NUM
		4	INVENTORY_ITEM_ID

## MTL\_MGD\_INVENTORY\_POSITIONS

MTL\_MGD\_INVENTORY\_POSITIONS stores the data sets built for on line display or for export. It should be considered a temporary table since its content is a denormalization of the transactional data built for extraction purposes. This table contains a row for every combination of data set name, bucket name, organization code and inventory item code.

### Column Descriptions

Name	Null?	Type	Description
DATA_SET_NAME	NOT NULL	VARCHAR2(80)	
BUCKET_NAME	NOT NULL	VARCHAR2(30)	
ORGANIZATION_CODE	NOT NULL	VARCHAR2(3)	
INVENTORY_ITEM_CODE	NOT NULL	VARCHAR2(2000)	
CREATION_DATE	NOT NULL	DATE	
CREATED_BY	NOT NULL	NUMBER	
LAST_UPDATE_DATE	NOT NULL	DATE	
LAST_UPDATED_BY	NOT NULL	NUMBER	
LAST_UPDATE_LOGIN		NUMBER	
REQUEST_ID		NUMBER	
PROGRAM_APPLICATION_ID		NUMBER	
PROGRAM_ID		NUMBER	
PROGRAM_UPDATE_DATE		DATE	
HIERARCHY_ID	NOT NULL	NUMBER	
HIERARCHY_NAME	NOT NULL	VARCHAR2(30)	
PARENT_ORGANIZATION_CODE	NOT NULL	VARCHAR2(3)	
PARENT_ORGANIZATION_ID	NOT NULL	NUMBER	
BUCKET_SIZE_CODE		VARCHAR2(30)	
BUCKET_START_DATE	NOT NULL	DATE	
BUCKET_END_DATE	NOT NULL	DATE	
INVENTORY_ITEM_ID	NOT NULL	NUMBER	
ORGANIZATION_ID	NOT NULL	NUMBER	
HIERARCHY_DELTA_QTY	NOT NULL	NUMBER	
HIERARCHY_END_ON_HAND_QTY	NOT NULL	NUMBER	
ORG_RECEIVED_QTY	NOT NULL	NUMBER	
ORG_ISSUED_QTY	NOT NULL	NUMBER	
ORG_DELTA_QTY	NOT NULL	NUMBER	
ORG_END_ON_HAND_QTY	NOT NULL	NUMBER	

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MGD_INVENTORY_POSITIONS_N1	NOT UNIQUE	1	DATA_SET_NAME
MTL_MGD_INVENTORY_POSITIONS_N2	NOT UNIQUE	1	CREATED_BY
MTL_MGD_INVENTORY_POSITIONS_N3	NOT UNIQUE	1	DATA_SET_NAME
		2	BUCKET_NAME
		3	ORGANIZATION_ID
		4	INVENTORY_ITEM_ID



## MTL\_MOVEMENT\_PARAMETERS

This table stores all parameters required for movement statistics gathering and reporting by legal entities. A legal entity is associated with a statistical calendar, a category set for commodity codes, and currency conversion parameters. The table also stores the period name and reference for the latest official 'Frozen' report runs.

### Column Descriptions

Name	Null?	Type	Description
ENTITY_ORG_ID (PK)	NOT NULL	NUMBER	Legal entity identifier
PERIOD_SET_NAME	NOT NULL	VARCHAR2(15)	Statistical reporting period set
WEIGHT_UOM_CODE	NOT NULL	VARCHAR2(3)	Entity unit of measure for weight
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column
ENTITY_BRANCH_REFERENCE	NULL	VARCHAR2(240)	Entity branch reference
CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency conversion type
CONVERSION_OPTION	NULL	VARCHAR2(30)	Currency conversion option
CATEGORY_SET_ID	NULL	NUMBER	Commodity code category set identifier
TAX_OFFICE_CODE	NULL	VARCHAR2(50)	Tax authority office code
TAX_OFFICE_NAME	NULL	VARCHAR2(240)	Tax authority name
TAX_OFFICE_LOCATION_ID	NULL	NUMBER	Tax authority location identifier
LAST_ARRIVAL_PERIOD	NULL	VARCHAR2(15)	Latest arrival official report period
LAST_ARRIVAL_ID	NULL	NUMBER	Latest arrival official report reference
LAST_ARRIVAL_ADJ_PERIOD	NULL	VARCHAR2(15)	Latest arrival adjustment official report period
LAST_ARRIVAL_ADJ_ID	NULL	NUMBER	Latest arrival adjustment official report reference
LAST_DISPATCH_PERIOD	NULL	VARCHAR2(15)	Latest dispatch official report period
LAST_DISPATCH_ID	NULL	NUMBER	Latest dispatch official report reference
LAST_DISPATCH_ADJ_PERIOD	NULL	VARCHAR2(15)	Latest dispatch adjustment official report period
LAST_DISPATCH_ADJ_ID	NULL	NUMBER	Latest dispatch adjustment official report reference
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment

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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
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE21	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE22	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE23	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE24	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE25	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE26	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE27	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE28	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE29	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE30	NULL	VARCHAR2(150)	Descriptive flexfield segment

# MTL\_MOVEMENT\_STATISTICS

MTL\_MOVEMENT\_STATISTICS stores all relevant information for movement statistics transactions. Each transaction is identified by a unique MOVEMENT\_ID number. The MOVEMENT\_TYPE column indicates whether the movement is a dispatch, dispatch adjustment, arrival, or arrival adjustment. Transactions that are generated from external feeder systems have a DOCUMENT\_SOURCE\_TYPE of 'MISC', and their document and invoice references are not validated. Other movement transactions generated from Oracle Inventory, Oracle Purchasing, Oracle Order Management, or Oracle Shipping Execution are validated against their related document and invoice references via the appropriate foreign key reference columns. PARENT\_MOVEMENT\_ID ties multiple movements for receiving transaction adjustments. Each movement statistics record is associated with a status that can assume one of the following

- Open – newly created
- Verified – record validated by the exception report
- Frozen – record reported to the government through paper based report

EDI sent – record reported to government through EDI transaction If the record is in Frozen or EDI sent status, the user is not allowed to modified it nor to regenerate a paper based report or the EDI transaction. This implies that, in case the government rejects a reported record, users have to reset the status to open on order to modify the record and regenerate the report. This function is implemented by the Reset Transaction Status report. that for a given legal entity, economic zone, usage type, statistical type and period resets the status to open for all the records. Please note that the four logical states previously listed are implemented in the MTL\_MOVEMENT\_STATISTICS table by two seperate columns:

## MOVEMENT\_STATUS

EDI\_SENT: having possible values Y, N

Column Descriptions

Name	Null?	Type	Description
MOVEMENT_ID (PK)	NOT NULL	NUMBER	Movement row identifier
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
PARENT_MOVEMENT_ID	NOT NULL	NUMBER	Parent movement identifier. This column contains either the same ID as MOVEMENT_ID for rows that do not represent adjustments or the ID of the parent.
ENTITY_ORG_ID	NOT NULL	NUMBER	Legal entity identifier
ZONE_CODE	NULL	VARCHAR2(10)	Zone Code
USAGE_TYPE	NULL	VARCHAR2(30)	Usage Type INTERNAL or EXTERNAL
STAT_TYPE	NULL	VARCHAR2(30)	Statistical Format i.e. INTRASTAT, EXTRASTAT, etc.
CREATION_METHOD	NOT NULL	VARCHAR2(30)	Movement creation method (Zoom, Manual)
STAT_METHOD	NULL	VARCHAR2(30)	Method of calculating statistical value (Manual, System)
DOCUMENT_SOURCE_TYPE	NOT NULL	VARCHAR2(30)	Type of document out of which the movement statistics record is created (i.e. PO, INVENTORY, SO ...)
PERIOD_NAME	NULL	VARCHAR2(15)	Reporting period name
SET_OF_BOOKS_PERIOD	NULL	VARCHAR2(15)	Period in which the transaction is accounted for
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
MOVEMENT_TYPE	NOT NULL	VARCHAR2(30)	Movement type (Arrival, Arrival adjustment, Dispatch, Dispatch adjustment)
DISPATCH_TERRITORY_CODE	NULL	VARCHAR2(2)	Goods dispatch country code
DISPATCH_TERRITORY_EU_CODE	NULL	VARCHAR2(3)	Goods dispatch European Union country code
DESTINATION_TERRITORY_CODE	NULL	VARCHAR2(2)	Goods destination country code
DESTINATION_TERRITORY_EU_CODE	NULL	VARCHAR2(3)	Goods destination European Union country code
TRIANGULATION_COUNTRY_CODE	NULL	VARCHAR2(30)	used to represent the territory code in the case drop shipment
TRIANGULATION_COUNTRY_EU_CODE	NULL	VARCHAR2(3)	used to represent the territory European Union code in the case drop shipment
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ITEM_DESCRIPTION	NULL	VARCHAR2(240)	Item description
CATEGORY_ID	NULL	NUMBER	Category identifier for commodity code
COMMODITY_CODE	NULL	VARCHAR2(240)	Used to specify the commodity code of the item in the movement statistic record. This column is only populated for a source type of miscellaneous. All other source types use the CATEGORY_ID column to specify the commodity code
COMMODITY_DESCRIPTION	NULL	VARCHAR2(240)	Used to specify the commodity code description for the item in the movement statistic record. Only populated for a source type of miscellaneous.
ORIGIN_TERRITORY_CODE	NULL	VARCHAR2(2)	Goods origin country code
ORIGIN_TERRITORY_EU_CODE	NULL	VARCHAR2(3)	European Union code for origin territory

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Column Descriptions (Continued)

Name	Null?	Type	Description
MOVEMENT_AMOUNT	NULL	NUMBER	Reported amount calculated as: NVL(INVOICE_LINE_EXT_VALUE,INVOICE_LINE_EXT_VALUE + STAT_EXT_VALUE)
INVOICE_LINE_EXT_VALUE	NULL	NUMBER	Total invoice line extended value for goods,used only for transactions having an invoice.
DOCUMENT_LINE_EXT_VALUE	NULL	NUMBER	Total document line extended value; usedfor transactions not having an invoice(i.e. Inventory transactions - both Organization Transfer and Miscellaneous and Free Miscellaneous.)
CURRENCY_CODE	NULL	VARCHAR2(15)	Currency of movement transaction
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency conversion type
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency conversion date
STAT_ADJ_PERCENT	NULL	NUMBER	Statistical value adjustment expressed as a percentage
STAT_ADJ_AMOUNT	NULL	NUMBER	Statistical value adjustment expressed as a fixed amount
STAT_EXT_VALUE	NULL	NUMBER	Statistical extended value (calculated asNVL(STAT_ADJ_PERCENTAGE(NVL(I NVOICE_LINE_EXT_VALUE,DOCUMENT_ LINE_EXT_VALUE) *STAT_ADJ_PERCENTAGE), STAT_ADJ_AMOUNT)
OUTSIDE_EXT_VALUE	NULL	NUMBER	Repair/ Process extended value
OUTSIDE_UNIT_PRICE	NULL	NUMBER	Repair/Process per unit price
WEIGHT_METHOD	NULL	VARCHAR2(30)	Method used for calculating weight (Manual, System)
UNIT_WEIGHT	NULL	NUMBER	Per unit weight in kilograms
TOTAL_WEIGHT	NULL	NUMBER	Total weight in kilogramsType of document (PO, SO, Misc, etc)
TOTAL_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	Denormalized
TRANSACTION_QUANTITY	NULL	NUMBER	Movement quantity
TRANSACTION_UOM_CODE	NULL	VARCHAR2(3)	Movement unit of measure code
PRIMARY_QUANTITY	NULL	NUMBER	Movement quantity in terms of primary unit of measure of the item
ALTERNATE_QUANTITY	NULL	NUMBER	Number of supplement units
ALTERNATE_UOM_CODE	NULL	VARCHAR2(3)	Alternate unit of measure
DELIVERY_TERMS	NULL	VARCHAR2(30)	Delivery terms
TRANSACTION_NATURE	NULL	VARCHAR2(30)	Transaction nature
TRANSPORT_MODE	NULL	VARCHAR2(30)	Transport mode (i.e. air, sea etc)
STATISTICAL_PROCEDURE_CODE	NULL	VARCHAR2(30)	Statistical procedure (i.e. Dispatch to final destination,Temporary dispatch for further processing, etc)
AREA	NULL	VARCHAR2(30)	Area (province, location, or department code)API defaults from province in the trading partner master.
PORT	NULL	VARCHAR2(30)	Dispatch or arrival port (harbor, airport code, etc)
ITEM_COST	NULL	NUMBER	Item cost
TARIC_CODE	NULL	VARCHAR2(30)	taric code

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Column Descriptions (Continued)

Name	Null?	Type	Description
PREFERENCE_CODE	NULL	VARCHAR2(30)	preference code
FLOW_INDICATOR_CODE	NULL	VARCHAR2(30)	flow indicator code
AFFILIATION_REFERENCE_CODE	NULL	VARCHAR2(30)	affiliation reference code
OIL_REFERENCE_CODE	NULL	VARCHAR2(30)	oil reference code
CONTAINER_TYPE_CODE	NULL	VARCHAR2(30)	container type code
CSA_CODE	NULL	VARCHAR2(30)	csa code
OUTSIDE_CODE	NULL	VARCHAR2(30)	Indicator for movement purpose (Repair, Process, etc)
COMMENTS	NULL	VARCHAR2(240)	Comments - free text entered manually
RCV_TRANSACTION_ID	NULL	NUMBER	foreign key reference to RCV_Transactions table
PO_HEADER_ID	NULL	NUMBER	PO header identifier
PO_LINE_ID	NULL	NUMBER	PO line identifier
PO_LINE_LOCATION_ID	NULL	NUMBER	PO line location identifier
SHIPMENT_HEADER_ID	NULL	NUMBER	Receipt, shipment header identifier
SHIPMENT_LINE_ID	NULL	NUMBER	Receipt, shipment line identifier
PICKING_LINE_DETAIL_ID	NULL	NUMBER	Picking line detail identifier
PICKING_LINE_ID	NULL	NUMBER	Picking line identifier
ORDER_HEADER_ID	NULL	NUMBER	Order header identifier
ORDER_LINE_ID	NULL	NUMBER	Order line identifier
MTL_TRANSACTION_ID	NULL	NUMBER	foreign key reference to MTL_Material_Transactions table
REQUISITION_HEADER_ID	NULL	NUMBER	The unique identifier for the PO requisition tied to the movement statistic record
REQUISITION_LINE_ID	NULL	NUMBER	The unique identifier for the PO requisition line tied to the movement statistic record
SHIP_TO_CUSTOMER_ID	NULL	NUMBER	Ship-to customer identifier - SO + Internal Req
SHIP_TO_SITE_USE_ID	NULL	NUMBER	Ship-to customer site identifier SO + Internal Req
BILL_TO_CUSTOMER_ID	NULL	NUMBER	Bill-to customer identifier SO + Internal Req
BILL_TO_SITE_USE_ID	NULL	NUMBER	Bill-to site customer identifier SO + Internal Req
VENDOR_ID	NULL	NUMBER	Supplier identifier
VENDOR_SITE_ID	NULL	NUMBER	Supplier site identifier
FROM_ORGANIZATION_ID	NULL	NUMBER	'From' Organization identifier - used for inventory
TO_ORGANIZATION_ID	NULL	NUMBER	'To' Organization identifier - used for inventory
FINANCIAL_DOCUMENT_FLAG	NOT NULL	VARCHAR2(30)	Financial Document Flag
INVOICE_BATCH_ID	NULL	NUMBER	Invoice batch identifier
INVOICE_ID	NULL	NUMBER	Invoice identifier
CUSTOMER_TRX_LINE_ID	NULL	NUMBER	Invoice line identifier
DOCUMENT_REFERENCE	NULL	VARCHAR2(50)	Document reference number (for MISC type only)
DOCUMENT_LINE_REFERENCE	NULL	VARCHAR2(30)	Line number of document (for MISC type only)
DOCUMENT_UNIT_PRICE	NULL	NUMBER	Per unit document price
RECEIPT_REFERENCE	NULL	VARCHAR2(50)	Receipt number (for MISC type only)
SHIPMENT_REFERENCE	NULL	VARCHAR2(50)	Shipment number (for MISC type only)

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Column Descriptions (Continued)

Name	Null?	Type	Description
SHIPMENT_LINE_REFERENCE	NULL	VARCHAR2(30)	Shipment line number (for MISC type only)
PICK_SLIP_REFERENCE	NULL	VARCHAR2(50)	Pick slip number (for MISC type only)
CUSTOMER_NAME	NULL	VARCHAR2(240)	Customer name reference (for MISC type only)
DISTRIBUTION_LINE_NUMBER	NULL	NUMBER	foreign key reference to AP_Line_Distributions table
CUSTOMER_NUMBER	NULL	VARCHAR2(50)	Customer number reference (for MISC type only)
CUSTOMER_LOCATION	NULL	VARCHAR2(50)	Customer location reference (for MISC type only)
SHIP_TO_NAME	NULL	VARCHAR2(240)	ship to name
TRANSACTING_FROM_ORG	NULL	VARCHAR2(50)	'From' Organization reference (for MISC type only)
SHIP_TO_NUMBER	NULL	VARCHAR2(50)	ship to number
SHIP_TO_SITE	NULL	VARCHAR2(50)	ship to site
TRANSACTING_TO_ORG	NULL	VARCHAR2(50)	'To' organization reference (for MISC type only)
VENDOR_NAME	NULL	VARCHAR2(240)	Supplier name reference (for MISC type only)
VENDOR_NUMBER	NULL	VARCHAR2(50)	Supplier number reference (for MISC type only)
VENDOR_SITE	NULL	VARCHAR2(50)	Supplier site reference (for MISC type only)
BILL_TO_NAME	NULL	VARCHAR2(240)	Bill-to name reference (for MISC type only)
BILL_TO_NUMBER	NULL	VARCHAR2(50)	Bill-to number reference (for MISC type only)
BILL_TO_SITE	NULL	VARCHAR2(50)	Bill-to site reference (for MISC type only)
INVOICE_BATCH_REFERENCE	NULL	VARCHAR2(50)	Invoice batch reference (for MISC type only)
INVOICE_REFERENCE	NULL	VARCHAR2(50)	Invoice reference (for MISC type only)
INVOICE_LINE_REFERENCE	NULL	VARCHAR2(30)	Invoice line reference (for MISC type only)
INVOICE_DATE_REFERENCE	NULL	DATE	Invoice date reference
INVOICE_QUANTITY	NULL	NUMBER	Invoice quantity
INVOICE_UNIT_PRICE	NULL	NUMBER	Per unit invoice price
REPORT_REFERENCE	NULL	VARCHAR2(35)	Report freeze reference
REPORT_DATE	NULL	DATE	Report date
EDI_SENT_FLAG	NOT NULL	VARCHAR2(1)	EDI sent flag
EDI_TRANSACTION_DATE	NULL	DATE	EDI transaction date
EDI_TRANSACTION_REFERENCE	NULL	VARCHAR2(35)	EDI transaction reference
MOVEMENT_STATUS	NOT NULL	VARCHAR2(30)	Movement row status (Unprocessed, Open, Frozen)
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CUSTOMER_VAT_NUMBER	NULL	NUMBER	
ESL_DROP_SHIPMENT_CODE	NULL	NUMBER	
OPM_TRANS_ID	NULL	NUMBER(10)	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MOVEMENT_STATISTICS_N1	NOT UNIQUE	10	ENTITY_ORG_ID
		20	ZONE_CODE
		30	USAGE_TYPE
		40	STAT_TYPE
		50	PERIOD_NAME
		60	MOVEMENT_TYPE
		70	MOVEMENT_STATUS
MTL_MOVEMENT_STATISTICS_N2	NOT UNIQUE	10	ENTITY_ORG_ID
		20	ZONE_CODE
		30	USAGE_TYPE
		40	STAT_TYPE
		50	PERIOD_NAME
		60	MOVEMENT_TYPE
		70	EDI_SENT_FLAG
MTL_MOVEMENT_STATISTICS_N3	NOT UNIQUE	5	ENTITY_ORG_ID
MTL_MOVEMENT_STATISTICS_N4	NOT UNIQUE	80	SHIP_TO_CUSTOMER_ID
		90	BILL_TO_CUSTOMER_ID
MTL_MOVEMENT_STATISTICS_N5	NOT UNIQUE	80	SHIP_TO_SITE_USE_ID
		90	BILL_TO_SITE_USE_ID
MTL_MOVEMENT_STATISTICS_U1	UNIQUE	1	MOVEMENT_ID



## MTL\_MOVEMENT\_STATISTICS\_EFC

MTL\_MOVEMENT\_STATISTICS\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_MOVEMENT\_STATISTICS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency Conversion Rate
MOVEMENT_ID	NOT NULL	NUMBER	Movement Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

## MTL\_MVT\_STATS\_RULES

This table stores validation rules defined for movement statistics fields that belong to a rule set as defined in MTL\_MVT\_STATS\_RULE\_SETS\_B table. Each row stores a rule that can determine a valid set of values for a field or an alternate unit of measure for the weight of a commodity code. Each row is uniquely identified by the combination of a Rule\_Set\_Code and a Rule\_Number. Attribute\_Code stores the movement statistics field name for which a rule is defined or the alternate unit of measure code. Attribute\_Property\_Code, Attribute\_Lookup\_Type and Source\_Type columns qualify an attribute\_code that stores the field names. Commodity\_Code stores the commodity code associated to a Category Set as defined in the MTL\_MVT\_STATS\_RULE\_SETS\_B as the category\_set\_id.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MVT_STATS_RULE_SETS_B	RULE_SET_CODE	RULE_SET_CODE

### Column Descriptions

Name	Null?	Type	Description
RULE_NUMBER (PK)	NOT NULL	NUMBER	Rule Number combines with Rule_Set_Code to uniquely identify a Rule, part of PK of the table.
RULE_SET_CODE	NOT NULL	VARCHAR2(30)	Uniquely identifies a rule set.
SOURCE_TYPE	NULL	VARCHAR2(30)	Source Type of Movement Transaction this rule applies to. This is relevant for field property rule types and has no significance for alternate unit of measure.
ATTRIBUTE_CODE	NOT NULL	VARCHAR2(50)	Stores column name of the Movement Statistics field for which a field property rule is defined. Alternately stores alternate unit of measure code defined for a commodity code .
ATTRIBUTE_PROPERTY_CODE	NULL	VARCHAR2(30)	Property of field determining whether it is a required and/or updateable. This is only relevant to a Attribute Property rule and is null for Alternate Uom rule. Attribute_Property_Code can have four values namely Required Updateable, Required Non updateable, Not Required Updateable, Not Required Non Updateable.
ATTRIBUTE_LOOKUP_TYPE	NULL	VARCHAR2(30)	Lookup Type associated to a field for a valid list of values. Null for alternate uom rule.

Column Descriptions (Continued)

Name	Null?	Type	Description
COMMODITY_CODE	NULL	VARCHAR2(240)	Commodity code of an alternate unit of measure rule. Valid values of a commodity code are determined by a category set as defined in the rule set.
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MVT_STATS_RULES_UK	UNIQUE	10	RULE_NUMBER
		20	RULE_SET_CODE

## MTL\_MVT\_STATS\_RULE\_SETS\_B

This table stores validation rule sets defined for parameters of the Movement Statistics records. You need one row to define a rule set in the table. Each row is identified by a Rule\_Set\_Code. Rule\_Set\_Type determines the type of rule set. Valid values are, 'Attribute Property' for rule sets associated to fields of movement statistics record. 'Alternate Uom' for rules sets associated with alternate unit of measures defined for a commodity code. Seeded\_Flag determines if the rule is seeded or is user defined, valid values are 'Y' for preseeded rules and 'N' for user defined rules.

### Column Descriptions

Name	Null?	Type	Description
RULE_SET_CODE	NOT NULL	VARCHAR2(30)	Unique Identifier of a Rule Set.
RULE_SET_TYPE	NOT NULL	VARCHAR2(30)	Type of Rule Set. Rule Set could be of two types, 'Attribute Property' that defines valid values associated to a field in movement statistics record. Or 'Alternate Uom' which gives an alternate unit of measure for a commodity code.
SEEDED_FLAG	NOT NULL	VARCHAR2(1)	Flag to state whether Rule Set is system seeded or user defined. Valid values are 'Y' for preseeded rule sets and 'N' for user defined.
CATEGORY_SET_ID	NULL	NUMBER	Category Set ID is used for alternate uom rule type to determine valid commodity codes falling under a category set. Each row in MTL_STAT_TYPE_USAGES stores a validation rule set. For alternate unit of measure validation, Category Set ID qualifies the commodity codes that could be associated to a rule in the rules table.
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MVT_STATS_RULE_SETS_UK	UNIQUE	10	RULE_SET_CODE

## MTL\_MVT\_STATS\_RULE\_SETS\_TL

MTL\_MVT\_STATS\_RULE\_SET\_TL is the corresponding translation table for MTL\_MVT\_STATS\_RULE\_SET\_B. This table contains one entry for every Rule Set Code and Language. Rule Set Code and Language uniquely identify a row. Rule Set Display Name identifies the Name of a rule set. Rule Set Description gives a description of the rule set. This is the base table of a multilingual entity, MTL\_MVT\_STATS\_RULE\_SET\_TL contains the language dependent columns.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MVT_STATS_RULE_SETS_B	RULE_SET_CODE	RULE_SET_CODE

### Column Descriptions

Name	Null?	Type	Description
RULE_SET_CODE (PK)	NOT NULL	VARCHAR2(30)	Unique identifier of a rule set
RULE_SET_DISPLAY_NAME	NOT NULL	VARCHAR2(80)	Translated name of the rule set.
RULE_SET_DESCRIPTION	NOT NULL	VARCHAR2(240)	Translated description of rule set.
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Source Language for translation purposes
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	Language in which the Rule Set is defined.
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MVT_STATS_RULE_SETS_TL_UK	UNIQUE	1 3	RULE_SET_CODE LANGUAGE

## MTL\_OBJECT\_EVENTS

MTL\_OBJECT\_EVENTS stores the information about the major events that have occurred relevant to an object. The events correspond to a transaction.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_EXT_OBJECTS	OBJECT_ID	OBJECT_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
MTL_SERIAL_NUMBERS	GEN_OBJECT_ID	OBJECT_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
GENEALOGY_EVENT_TYPE	INV_GENEALOGY_EVENT_TYPE	MFG_LOOKUPS
	1	Built
	2	Shipped
	3	Maintained
	4	Received

### Column Descriptions

Name	Null?	Type	Description
OBJECT_ID (PK)	NOT NULL	NUMBER	Genealogy object identifier
GENEALOGY_EVENT_TYPE (PK)	NOT NULL	NUMBER	Genealogy event type
GENEALOGY_EVENT_DATE	NOT NULL	DATE	Genealogy event date
TRANSACTION_ID	NULL	NUMBER	Transaction identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_PRINT_DATE	NULL	DATE	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

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## MTL\_OBJECT\_GENEALOGY

MTL\_OBJECT\_GENEALOGY stores the genealogy information for an object and its parents. The object can be enabled for serial number control, lot number control, or can be an external component of an inventory item. The parent/child relationship is established at WIP issue.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_EXT_OBJECTS	OBJECT_ID	OBJECT_ID
MTL_EXT_OBJECTS	OBJECT_ID	PARENT_OBJECT_ID
MTL_LOT_NUMBERS	GEN_OBJECT_ID	OBJECT_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	ORIGIN_TXN_ID
MTL_SERIAL_NUMBERS	GEN_OBJECT_ID	OBJECT_ID
MTL_SERIAL_NUMBERS	GEN_OBJECT_ID	PARENT_OBJECT_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
GENEALOGY_ORIGIN	INV_GENEALOGY_ORIGIN	MFG_LOOKUPS
	1	WIP
	2	Transaction
GENEALOGY_TYPE	INV_GENEALOGY_TYPE	MFG_LOOKUPS
	1	Component Assembly
	2	Lot Split
	3	Lot Merge
	4	Sublot
OBJECT_TYPE	INV_GENEALOGY_OBJECT_TYPE	MFG_LOOKUPS
	1	Lot
	2	Serial
	3	External
PARENT_OBJECT_TYPE	INV_GENEALOGY_OBJECT_TYPE	MFG_LOOKUPS
	1	Lot
	2	Serial
	3	External

### Column Descriptions

Name	Null?	Type	Description
OBJECT_ID (PK)	NOT NULL	NUMBER	Genealogy object identifier
OBJECT_TYPE	NOT NULL	NUMBER	Genealogy object type
PARENT_OBJECT_TYPE	NOT NULL	NUMBER	Genealogy object type of parent
PARENT_OBJECT_ID (PK)	NOT NULL	NUMBER	Parent object identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
START_DATE_ACTIVE (PK)	NOT NULL	DATE	Date object genealogy becomes active
END_DATE_ACTIVE	NULL	DATE	Date object genealogy becomes inactive
GENEALOGY_ORIGIN	NULL	NUMBER	Origin to establish the genealogy

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORIGIN_TXN_ID	NOT NULL	NUMBER	Origin Transaction identifier
GENEALOGY_TYPE	NULL	NUMBER	Genealogy type
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_OBJECT_GENEALOGY_N1	NOT UNIQUE	1	OBJECT_ID
MTL_OBJECT_GENEALOGY_N2	NOT UNIQUE	1	PARENT_OBJECT_ID



## MTL\_ONHAND\_QUANTITIES

MTL\_ONHAND\_QUANTITIES stores quantity on hand information by control level and location.

MTL\_ONHAND\_QUANTITIES is maintained as a stack of receipt records, which are consumed by issue transactions in FIFO order. The quantity on hand of an item at any particular control level and location can be found by summing TRANSACTION\_QUANTITY for all records that match the criteria. Note that any transactions which are committed to the table MTL\_MATERIAL\_TRANSACTIONS\_TEMP are considered to be played out as far as quantity on hand is concerned in Inventory transaction forms. All our Inquiry forms and ABC compile are only based on MTL\_ONHAND\_QUANTITIES.

MTL\_ONHAND\_QUANTITIES has two columns, CREATE\_TRANSACTION\_ID and UPDATE\_TRANSACTION\_IDs to join to MTL\_MATERIAL\_TRANSACTIONS.TRANSACTION\_ID the transactions that created the row and the transaction that last updated a row.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION ORGANIZATION_ID INVENTORY_ITEM_ID	REVISION ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_LOT_NUMBERS	LOT_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID	LOT_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	CREATE_TRANSACTION_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	UPDATE_TRANSACTION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_CODE ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
DATE_RECEIVED (PK)	NULL	DATE	Date received
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	Subinventory code
REVISION	NULL	VARCHAR2(3)	Item revision code
LOCATOR_ID	NULL	NUMBER	Locator identifier

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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	
COST_GROUP_ID	NULL	NUMBER	Cost Group ID - Used by WMS only
CONTAINERIZED_FLAG	NULL	NUMBER	Containerized Flag
PROJECT_ID	NULL	NUMBER	Project Id (For future use)
TASK_ID	NULL	NUMBER	Task Id (For future use)

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ONHAND_QUANTITIES_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	SUBINVENTORY_CODE
MTL_ONHAND_QUANTITIES_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	SUBINVENTORY_CODE
		3	LOCATOR_ID
MTL_ONHAND_QUANTITIES_N3	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	COST_GROUP_ID

Sequences

Sequence	Derived Column
MTL_MATERIAL_TRANSACTIONS_S	CREATE_TRANSACTION_ID
MTL_MATERIAL_TRANSACTIONS_S	UPDATE_TRANSACTION_ID

## MTL\_ONHAND\_QUANTITY\_TEMP

MTL\_ONHAND\_QUANTITY\_TEMP is used in the form, Multi-Organization Item Quantities. This form requests Multi-Org Item Quantities report. MTL\_ONHAND\_QUANTITY\_TEMP temporarily stores the item on hand quantity information for the specified organizations. Upon report completion, the stored information is deleted. SEQ\_NUM, based on the sequence, MTL\_ONHAND\_QUANTITY\_TEMP\_S, is used to distinguish a set of records from others. The C\_COLUMNS, D\_COLUMNS and N\_COLUMNS are generic column names to store character, date and number information respectively.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION	REVISION
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
ORG_ORGANIZATION_DEFINITION_R9	ORGANIZATION_ID	ORGANIZATION_ID

### Column Descriptions

Name	Null?	Type	Description
SEQ_NUM	NULL	NUMBER	Group sequence id created by onhand query routine
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
SUBINVENTORY	NULL	VARCHAR2(10)	Secondary inventory identifier
LOCATOR_ID	NULL	NUMBER	Stock locator id
QUANTITY	NULL	NUMBER	Quantity for item
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number for item
C_COLUMN1	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN2	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN3	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN4	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN5	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN6	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN7	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN8	NULL	VARCHAR2(240)	Generic character query column
N_COLUMN1	NULL	NUMBER	Generic numeric query column
N_COLUMN2	NULL	NUMBER	Generic numeric query column
N_COLUMN3	NULL	NUMBER	Generic numeric query column
N_COLUMN4	NULL	NUMBER	Generic numeric query column
N_COLUMN5	NULL	NUMBER	Generic numeric query column

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Column Descriptions (Continued)

Name	Null?	Type	Description
D_COLUMN1	NULL	DATE	Generic date query column
D_COLUMN2	NULL	DATE	Generic date query column
D_COLUMN3	NULL	DATE	Generic date query column
D_COLUMN4	NULL	DATE	Generic date query column
D_COLUMN5	NULL	DATE	Generic date query column

Sequences

Sequence	Derived Column
MTL_ONHAND_QUANTITY_TEMP_S	SEQ_NUM

## MTL\_ORG\_REPORT\_TEMP

MTL\_ORG\_REPORT\_TEMP is used in the Multiple Organization Inventory Report to temporarily store the organizations along with their orders, defined in the report launch form, that should appear in the report. Records are inserted when committed in the report launch form and deleted upon report completion.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
REPORT_ID (PK)	NOT NULL	NUMBER	Identifier for report
ORG_REPORT_ORDER (PK)	NOT NULL	NUMBER	Multiorg report organization order
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier

## MTL\_PAC\_ACTUAL\_COST\_DETAILS

MTL\_PAC\_ACTUAL\_COST\_DETAILS stores the elemental cost for a given transaction in a period. The actual cost is the sum of transaction cost (for example, acquisition cost) and material overhead. Using the actual cost and prior cost, the new cost for that item is calculated.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
CST_PAC_ITEM_COSTS	COST_LAYER_ID	COST_LAYER_ID
CST_PAC_PERIODS	PAC_PERIOD_ID	PAC_PERIOD_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID

### Column Descriptions

Name	Null?	Type	Description
COST_GROUP_ID (PK)	NOT NULL	NUMBER	Cost group identifier
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction identifier
PAC_PERIOD_ID (PK)	NOT NULL	NUMBER	Period identifier
COST_TYPE_ID	NOT NULL	NUMBER	Cost type identifier
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost element identifier
LEVEL_TYPE (PK)	NOT NULL	NUMBER	Level type
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
COST_LAYER_ID	NOT NULL	NUMBER	Cost layer identifier
PRIOR_COST	NULL	NUMBER	Prior average cost
ACTUAL_COST	NULL	NUMBER	Actual cost of the transaction
NEW_COST	NULL	NUMBER	New average cost
PRIOR_BUY_COST	NULL	NUMBER	Prior buy cost
PRIOR_MAKE_COST	NULL	NUMBER	Prior make cost
NEW_BUY_COST	NULL	NUMBER	New buy cost
NEW_MAKE_COST	NULL	NUMBER	New make cost
USER_ENTERED	NOT NULL	VARCHAR2(1)	Specifies whether this row is entered by the user or cost processor
INSERTION_FLAG	NOT NULL	VARCHAR2(1)	Used to determine which cost detail rows to insert in CST_LAYER_COST_DETAILS
TRANSACTION_COSTED_DATE	NULL	DATE	Transaction date
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
CREATED_BY	NOT NULL	NUMBER	Standard who column
REQUEST_ID	NULL	NUMBER	Extended who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended who column
PROGRAM_ID	NULL	NUMBER	Extended who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard who column
VARIANCE_AMOUNT	NULL	NUMBER	Variance amount

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PAC_ACTUAL_COST_DETAILS_N1	NOT UNIQUE	1	PAC_PERIOD_ID
		2	COST_GROUP_ID
MTL_PAC_ACTUAL_COST_DETAILS_U1	UNIQUE	1	TRANSACTION_ID
		2	PAC_PERIOD_ID
		4	COST_GROUP_ID
		6	COST_ELEMENT_ID
		8	LEVEL_TYPE

## MTL\_PAC\_ACTUAL\_COST\_DETAIL\_EFC

MTL\_PAC\_ACTUAL\_COST\_DETAIL\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_PAC\_ACTUAL\_COST\_DETAILS prior to conversion to the euro currency.

### Column Descriptions

Name	Null?	Type	Description
NEW_BUY_COST	NULL	NUMBER	New Buy Cost
PRIOR_MAKE_COST	NULL	NUMBER	Prior Make Cost
COST_GROUP_ID	NOT NULL	NUMBER	Cost Group Identifier
ACTUAL_COST	NULL	NUMBER	Actual Cost
NEW_COST	NULL	NUMBER	New Cost
PAC_PERIOD_ID	NOT NULL	NUMBER	Period Actual Costing Period Identifier
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier
PRIOR_BUY_COST	NULL	NUMBER	Prior Buy Cost
PRIOR_COST	NULL	NUMBER	Prior Cost
LEVEL_TYPE	NOT NULL	NUMBER	Level Type
VARIANCE_AMOUNT	NULL	NUMBER	Variance Amount
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost Element Identifier
NEW_MAKE_COST	NULL	NUMBER	New Make Cost
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier



## MTL\_PAC\_COST\_SUBELEMENTS

MTL\_PAC\_COST\_SUBELEMENTS stores the material overhead sub-elements that are charged for a given transaction in a particular period. This is a child table of MTL\_PAC\_ACTUAL\_COST\_DETAILS.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
CST_PAC_PERIODS	PAC_PERIOD_ID	PAC_PERIOD_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID

### Column Descriptions

Name	Null?	Type	Description
COST_GROUP_ID (PK)	NOT NULL	NUMBER	Cost group identifier
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction identifier
PAC_PERIOD_ID (PK)	NOT NULL	NUMBER	Period identifier
COST_TYPE_ID	NOT NULL	NUMBER	Cost type identifier
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost element identifier
RESOURCE_ID (PK)	NOT NULL	NUMBER	Resource identifier
LEVEL_TYPE (PK)	NOT NULL	NUMBER	Level type
ACTUAL_COST	NULL	NUMBER	Actual cost of the transaction
USER_ENTERED	NOT NULL	VARCHAR2(1)	Specifies whether this row is entered by the user or cost processor
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
CREATED_BY	NOT NULL	NUMBER	Standard who column
REQUEST_ID	NULL	NUMBER	Extended who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended who column
PROGRAM_ID	NULL	NUMBER	Extended who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PAC_COST_SUBELEMENTS_N1	NOT UNIQUE	1	PAC_PERIOD_ID
		2	COST_GROUP_ID
MTL_PAC_COST_SUBELEMENTS_U1	UNIQUE	1	TRANSACTION_ID
		2	PAC_PERIOD_ID
		4	COST_GROUP_ID
		6	COST_ELEMENT_ID
		8	LEVEL_TYPE
		10	RESOURCE_ID

## MTL\_PAC\_COST\_SUBELEMENTS\_EFC

MTL\_PAC\_COST\_SUBELEMENTS\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_PAC\_COST\_SUBELEMENTS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
LEVEL_TYPE	NOT NULL	NUMBER	Level Type
COST_GROUP_ID	NOT NULL	NUMBER	Cost Group Identifier
ACTUAL_COST	NULL	NUMBER	Actual Cost
PAC_PERIOD_ID	NOT NULL	NUMBER	Period Actual Costing Period Identifier
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier
RESOURCE_ID	NOT NULL	NUMBER	Resource Identifier
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost Element Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set of Books Identifier

## MTL\_PAC\_TXN\_COST\_DETAILS

MTL\_PAC\_TXN\_COST\_DETAILS stores the cost of a transaction by element and level for the period.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
CST_PAC_PERIODS	PAC_PERIOD_ID	PAC_PERIOD_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID

### Column Descriptions

Name	Null?	Type	Description
COST_GROUP_ID (PK)	NOT NULL	NUMBER	Cost group identifier
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction identifier
PAC_PERIOD_ID (PK)	NOT NULL	NUMBER	Period identifier
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type identifier
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost element identifier
LEVEL_TYPE (PK)	NOT NULL	NUMBER	Level type - this or previous
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Item identifier
TRANSACTION_COST	NULL	NUMBER	Cost of transaction
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Extended Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended Who column
PROGRAM_ID	NULL	NUMBER	Extended Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
NEW_PERIODIC_COST	NULL	NUMBER	New periodic cost, used only for periodic costing
PERCENTAGE_CHANGE	NULL	NUMBER	Percentage change in periodic cost
VALUE_CHANGE	NULL	NUMBER	Change in value of periodic item cost

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PAC_TXN_COST_DETAILS_N1	NOT UNIQUE	1	PAC_PERIOD_ID
		2	COST_GROUP_ID
MTL_PAC_TXN_COST_DETAILS_U1	UNIQUE	1	TRANSACTION_ID
		2	PAC_PERIOD_ID
		4	COST_GROUP_ID
		6	COST_ELEMENT_ID
		8	LEVEL_TYPE

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## MTL\_PAC\_TXN\_COST\_DETAILS\_EFC

MTL\_PAC\_TXN\_COST\_DETAILS\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_PAC\_TXN\_COST\_DETAILS prior to conversion to the euro currency.

### Column Descriptions

Name	Null?	Type	Description
NEW_PERIODIC_COST	NULL	NUMBER	New Periodic Cost
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Id
LEVEL_TYPE	NOT NULL	NUMBER	Level Type
COST_GROUP_ID	NOT NULL	NUMBER	Cost Group Identifier
VALUE_CHANGE	NULL	NUMBER	Value Change
PAC_PERIOD_ID	NOT NULL	NUMBER	Periodic Actual Costing Period Identifier
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier
TRANSACTION_COST	NULL	NUMBER	Transaction Cost
COST_TYPE_ID	NOT NULL	NUMBER	Cost Type Identifier
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost Element Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

## 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
CST_COST_GROUPS	COST_GROUP_ID	DEFAULT_COST_GROUP_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	AP_ACCRUAL_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	COST_OF_SALES_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTERORG_RECEIVABLES_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTERORG_PAYABLES_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTERORG_PRICE_VAR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTRANSIT_INV_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATL_OVHD_ABSORPTION_ACCT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_ACCOUNT

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# Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROCESSING_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	PURCHASE_PRICE_VAR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ENCUMBRANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTERORG_TRANSFER_CR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INVOICE_PRICE_VAR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	AVERAGE_COST_VAR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	SALES_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	EXPENSE_ACCOUNT
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_ATP_RULES	RULE_ID	DEFAULT_ATP_RULE_ID
MTL_PARAMETERS	ORGANIZATION_ID	MASTER_ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	COST_ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	SOURCE_ORGANIZATION_ID
MTL_PICKING_RULES	PICKING_RULE_ID	DEFAULT_PICKING_RULE_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SOURCE_SUBINVENTORY SOURCE_ORGANIZATION_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	ORG_MAX_WEIGHT_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	ORG_MAX_VOLUME_UOM_CODE

# QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEFAULT_DEMAND_CLASS	DEMAND_CLASS DEMAND_CL1 DEMAND_CL2 DEMAND_CL3	FND_COMMON_LOOKUPS Demand class 1 Demand class 2 Demand class 3
ENCUMBRANCE_REVERSAL_FLAG	SYS_YES_NO 1 2	MFG_LOOKUPS Yes No
GENERAL_LEDGER_UPDATE_CODE	SYS_YES_NO 1 2	MFG_LOOKUPS Yes No
LOT_NUMBER_GENERATION	MTL_LOT_GENERATION 1 2 3	MFG_LOOKUPS At organization level At item level User defined
LOT_NUMBER_UNIQUENESS	MTL_LOT_UNIQUENESS 1 2	MFG_LOOKUPS Unique for item No uniqueness control
LOT_NUMBER_ZERO_PADDING	SYS_YES_NO 1 2	MFG_LOOKUPS Yes No
MAINTAIN_FIFO_QTY_STACK_TYPE	SYS_YES_NO 1 2	MFG_LOOKUPS Yes No
MATL_INTERORG_TRANSFER_CODE	MTL_INTER_INV_TRANSFER 1 2 3 4	MFG_LOOKUPS No transfer charges Requested added value Requested percent of trans- action value Predefined percent of trans- action value

*QuickCodes Columns (Continued)*

Column	QuickCodes Type	QuickCodes Table
Negative_INV_RECEIPT_CODE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PRIMARY_COST_METHOD	MTL_PRIMARY_COST	MFG_LOOKUPS
	1	Standard
	2	Average
SERIAL_NUMBER_GENERATION	MTL_SERIAL_GENERATION	MFG_LOOKUPS
	1	At organization level
	2	At item level
SERIAL_NUMBER_TYPE	MTL_SERIAL_NUMBER_TYPE	MFG_LOOKUPS
	1	Unique within inventory items
	2	Unique within organization
	3	Unique across organizations
SOURCE_TYPE	MTL_SOURCE_TYPES	MFG_LOOKUPS
	1	Inventory
	2	Supplier
STOCK_LOCATOR_CONTROL_CODE	MTL_LOCATION_CONTROL	MFG_LOOKUPS
	1	No locator control
	2	Prespecified locator control
	3	Dynamic entry locator control
	4	Locator control determined at subinventory level
	5	Locator control determined at item level

*Column Descriptions*

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		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		NUMBER	Default material sub-element
CALENDAR_EXCEPTION_SET_ID		NUMBER	Calendar exception set
CALENDAR_CODE		VARCHAR2(10)	Manufacturing calendar
GENERAL_LEDGER_UPDATE_CODE	NOT NULL	NUMBER	General ledger update code
DEFAULT_ATP_RULE_ID		NUMBER	Default available to promise rule
DEFAULT_PICKING_RULE_ID		NUMBER	Default picking rule code
DEFAULT_LOCATOR_ORDER_VALUE		NUMBER	Default picking order of locators
DEFAULT_SUBINV_ORDER_VALUE		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

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Column Descriptions (Continued)

Name	Null?	Type	Description
MATERIAL_ACCOUNT	NULL	NUMBER	Inventory material account
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	Inventory material overhead account
MATL_OVHD_ABSORPTION_ACCT	NULL	NUMBER	Material overhead absorption account
RESOURCE_ACCOUNT	NULL	NUMBER	Resource labor account
PURCHASE_PRICE_VAR_ACCOUNT	NULL	NUMBER	Purchase price variance account
AP_ACCRUAL_ACCOUNT	NULL	NUMBER	Accounts payable accrual account
OVERHEAD_ACCOUNT	NULL	NUMBER	Inventory overhead account
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	Outside processing account
INTRANSIT_INV_ACCOUNT	NULL	NUMBER	Inter-organization transfer debit account
INTERORG_RECEIVABLES_ACCOUNT	NULL	NUMBER	Inter-organization receivables account
INTERORG_PRICE_VAR_ACCOUNT	NULL	NUMBER	Inter-organization price variance account
INTERORG_PAYABLES_ACCOUNT	NULL	NUMBER	Inter-organization payables account
COST_OF_SALES_ACCOUNT	NULL	NUMBER	Cost of sales account
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account
PROJECT_COST_ACCOUNT	NULL	NUMBER	Project Cost Account
INTERORG_TRANSFER_CR_ACCOUNT	NULL	NUMBER	Inter-organization transfer credit account
MATL_INTERORG_TRANSFER_CODE	NOT NULL	NUMBER	Material inter-organization transfer charge type
INTERORG_TRNSFR_CHARGE_PERCENT	NULL	NUMBER	Inter-organization transfer charge percent
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Organization to source items from
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory to source items from
SOURCE_TYPE	NULL	NUMBER	Inventory or supplier source type
ORG_MAX_WEIGHT	NULL	NUMBER	
ORG_MAX_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	
ORG_MAX_VOLUME	NULL	NUMBER	
ORG_MAX_VOLUME_UOM_CODE	NULL	VARCHAR2(3)	
SERIAL_NUMBER_TYPE	NULL	NUMBER	Serial number uniqueness control
AUTO_SERIAL_ALPHA_PREFIX	NULL	VARCHAR2(30)	Organization-level serial number prefix
START_AUTO_SERIAL_NUMBER	NULL	VARCHAR2(30)	Organization-level starting serial number
AUTO_LOT_ALPHA_PREFIX	NULL	VARCHAR2(30)	Organization-level prefix for lot numbers
LOT_NUMBER_UNIQUENESS	NOT NULL	NUMBER	Lot number uniqueness control
LOT_NUMBER_GENERATION	NOT NULL	NUMBER	Lot number generation control
LOT_NUMBER_ZERO_PADDING	NULL	NUMBER	Lot number padding control
LOT_NUMBER_LENGTH	NULL	NUMBER	Total lot number length
STARTING_REVISION	NOT NULL	VARCHAR2(3)	Default starting item revision
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Global descriptive flexfield segment
MAT_OVHD_COST_TYPE_ID	NULL	NUMBER	Cost type that holds material overhead costs for an average costing organization
PROJECT_REFERENCE_ENABLED	NULL	NUMBER	Project Reference enabled flag that indicates whether project references are allowed in the organization or not
PM_COST_COLLECTION_ENABLED	NULL	NUMBER	Project Manufacturing Cost Collection Enabled flag that indicates whether costs will be collected for project references within the organization or not
PROJECT_CONTROL_LEVEL	NULL	NUMBER	Project Control Level that specifies whether project references are being tracked at the project or task level
AVG_RATES_COST_TYPE_ID	NULL	NUMBER	Average Rate Cost Type Identifier is used under average costing for resources and overhead rates
TXN_APPROVAL_TIMEOUT_PERIOD	NULL	NUMBER	Transfer Order Timeout 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
PROCESS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Process Enabled inventory Organization
PROCESS_ORGN_CODE	NULL	VARCHAR2(4)	OPM Warehouse Organization Code Mapped to the Process Inventory Organization
WSM_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	WIP Shopfloor Management Organization
DEFAULT_COST_GROUP_ID	NOT NULL	NUMBER	Default Cost Group ID - used by WMS only
LPN_PREFIX	NULL	VARCHAR2(10)	LPN Prefix - used by WMS only
LPN_SUFFIX	NULL	VARCHAR2(10)	LPN Suffix - used by WMS only
LPN_STARTING_NUMBER	NULL	NUMBER	LPN Starting Number - used by WMS only
WMS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	WMS (Warehouse Management System) Organization
PREGEN_PUTAWAY_TASKS_FLAG	NULL	NUMBER	used by WMS only
REGENERATION_INTERVAL	NULL	NUMBER	used by WMS only

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#### Column Descriptions (Continued)

Name	Null?	Type	Description
TIMEZONE_ID	NULL	NUMBER	
DEFAULT_WMS_PICKING_RULE_ID	NULL	NUMBER	Default picking rule for this organization - used by WMS only
DEFAULT_PUT_AWAY_RULE_ID	NULL	NUMBER	Default put away rule - used by WMS only
DEFAULT_TASK_ASSIGN_RULE_ID	NULL	NUMBER	Default task assignment rule - used by WMS only
DEFAULT_LABEL_COMP_RULE_ID	NULL	NUMBER	Default label printing rule - used by WMS only
DEFAULT_CARTON_RULE_ID	NULL	NUMBER	Default cartonization rule for this organization - used by WMS only
DEFAULT_CYC_COUNT_HEADER_ID	NULL	NUMBER	Default cycle count header for this organization - used by WMS only
CROSSDOCK_FLAG	NULL	NUMBER	Flag indicates whether crossdocking occurs by default for this organization - used by WMS only
CARTONIZATION_FLAG	NULL	NUMBER	Flag indicates whether cartonization occurs by default in this organization - used for WMS only
COST_CUTOFF_DATE	NULL	DATE	Cost Cutoff Date

#### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PARAMETERS_N1	NOT UNIQUE	1	MASTER_ORGANIZATION_ID
MTL_PARAMETERS_U1	UNIQUE	1	ORGANIZATION_ID

#### Database Triggers

Trigger Name : AX\_MTL\_PARAMETERS\_ARDI1  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : INSERT, DELETE

This trigger captures information needed to create subledger accounting events when Oracle Inventory and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger ensures that an ?INTRANS? subinventory exists for every inventory organizations. If it does not exist, the subinventory will be created in the table, MTL\_SECONDARY\_INVENTORY.

## MTL\_PENDING\_ITEM\_STATUS

MTL\_PENDING\_ITEM\_STATUS is used to define and store the history of the item statuses that have been or will be assigned to an item.

This table maintains the status history for each item. A row is inserted each time the item status attribute is changed.

This table also stores pending status information. Rows are created for each planned status change that will become effective on a future date.

PENDING\_FLAG identifies those status changes that are not yet in effect.

A periodic concurrent program picks up pending status changes on their effective date and updates the specified item and its status controlled attributes accordingly. The row then becomes a history row.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_STATUS	INVENTORY_ITEM_STATUS_CODE	STATUS_CODE
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
STATUS_CODE (PK)	NOT NULL	VARCHAR2(10)	Item status code
EFFECTIVE_DATE (PK)	NOT NULL	DATE	Status effectivity date
IMPLEMENTED_DATE	NULL	DATE	Status implementation date
PENDING_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether status is still pending
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

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## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PENDING_ITEM_STATUS_N1	NOT UNIQUE	1	PENDING_FLAG
		2	EFFECTIVE_DATE
MTL_PENDING_ITEM_STATUS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	STATUS_CODE
		3	ORGANIZATION_ID
		4	EFFECTIVE_DATE

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## MTL\_PERIOD\_CG\_SUMMARY

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
ORG_ACCT_PERIODS	ACCT_PERIOD_ID	ACCT_PERIOD_ID
	ORGANIZATION_ID	ORGANIZATION_ID

### Column Descriptions

Name	Null?	Type	Description
ACCT_PERIOD_ID (PK)	NOT NULL	NUMBER	
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	
INVENTORY_TYPE (PK)	NOT NULL	NUMBER	
COST_GROUP_ID	NULL	NUMBER	
LAST_UPDATE_DATE	NOT NULL	DATE	
LAST_UPDATED_BY	NOT NULL	NUMBER	
CREATION_DATE	NOT NULL	DATE	
CREATED_BY	NOT NULL	NUMBER	
LAST_UPDATE_LOGIN	NULL	NUMBER	
INVENTORY_VALUE	NOT NULL	NUMBER	
REQUEST_ID	NULL	NUMBER	
PROGRAM_APPLICATION_ID	NULL	NUMBER	
PROGRAM_ID	NULL	NUMBER	
PROGRAM_UPDATE_DATE	NULL	DATE	

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PERIOD_CG_SUMMARY_U1	NOT UNIQUE	1	ACCT_PERIOD_ID
		2	ORGANIZATION_ID
		3	INVENTORY_TYPE
		4	COST_GROUP_ID

## MTL\_PERIOD\_SUMMARY

MTL\_PERIOD\_SUMMARY records the inventory value for each subinventory in an organization at the end of a period. The table is populated when period close is performed.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SECONDARY_INVENTORY ORGANIZATION_ID
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
INVENTORY_TYPE	MTL_INVENTORY 1 7	MFG_LOOKUPS Inventory items Engineering items

### Column Descriptions

Name	Null?	Type	Description
ACCT_PERIOD_ID (PK)	NOT NULL	NUMBER	Accounting period id
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
INVENTORY_TYPE	NOT NULL	NUMBER	Inventory item type
SECONDARY_INVENTORY (PK)	NULL	VARCHAR2(10)	Secondary inventory identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
INVENTORY_VALUE	NOT NULL	NUMBER	Inventory value at the end of the period
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
COST_GROUP_ID	NULL	NUMBER	Cost group identifier

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PERIOD_SUMMARY_U1	UNIQUE	1	ACCT_PERIOD_ID
		2	ORGANIZATION_ID
		3	INVENTORY_TYPE
		4	SECONDARY_INVENTORY
		6	COST_GROUP_ID

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# MTL\_PERIOD\_SUMMARY\_EFC

MTL\_PERIOD\_SUMMARY\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_PERIOD\_SUMMARY prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
ACCT_PERIOD_ID	NOT NULL	NUMBER	Accounting Period Identifier
INVENTORY_VALUE	NOT NULL	NUMBER	
SECONDARY_INVENTORY	NULL	VARCHAR2(10)	
SET_OF_BOOKS_ID	NULL	NUMBER	



## MTL\_PER\_CLOSE\_DTLS

MTL\_PER\_CLOSE\_DTLS stores period end quantities, costs, and values by subinventory, item, and cost group for an organization under Average Costing for Work in Process. The table also stores the period end value in intransit inventory for the organization. This table is populated by the period close program. This table is a child table of MTL\_PERIOD\_SUMMARY. The table records the inventory value for each inventory item by cost group in the organization at the end of a period.

The COST\_GROUP\_ID for the intransit inventory will be 1 and SECONDARY\_INVENTORY will be NULL.

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier.
ACCT_PERIOD_ID (PK)	NOT NULL	NUMBER	Accounting period identifier for the closed period.
COST_GROUP_ID (PK)	NULL	NUMBER	Cost group identifier.
SECONDARY_INVENTORY (PK)	NULL	VARCHAR2(10)	Subinventory code.
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Item identifier.
PERIOD_END_QUANTITY	NULL	NUMBER	Item quantity at period close.
PERIOD_END_UNIT_COST	NULL	NUMBER	Item cost at period close.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column.
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column.
CREATED_BY	NOT NULL	NUMBER	Standard who column.
CREATION_DATE	NOT NULL	DATE	Standard who column.
PROGRAM_ID	NOT NULL	NUMBER	Concurrent who column.
PROGRAM_APPLICATION_ID	NOT NULL	NUMBER	Concurrent who column.
LOGIN_ID	NOT NULL	NUMBER	Standard who column.

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PER_CLOSE_DTLS_U1	UNIQUE	2	ORGANIZATION_ID
		4	ACCT_PERIOD_ID
		6	COST_GROUP_ID
		8	INVENTORY_ITEM_ID
		10	SECONDARY_INVENTORY

## MTL\_PER\_CLOSE\_DTLS\_EFC

MTL\_PER\_CLOSE\_DTLS\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_PER\_CLOSE\_DTLS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Identifier
PERIOD_END_UNIT_COST	NULL	NUMBER	Period End Unit Cost
ACCT_PERIOD_ID	NOT NULL	NUMBER	Accounting Period Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

## MTL\_PHYSICAL\_ADJUSTMENTS

MTL\_PHYSICAL\_ADJUSTMENTS contains all the information about the adjustment transactions, including the size of the necessary adjustment, the accounts to which the adjustment transaction was posted, and the approval-status of each transaction. An adjustment of zero will still be stored in this table, although it will not cause an adjustment transaction to be posted. This table will always be correct and consistent with any tags that have been entered in MTL\_PHYSICAL\_INVENTORY\_TAGS.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	GL_ADJUST_ACCOUNT
MTL_ITEM_REVISIONS	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_LOT_NUMBERS	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER
MTL_PHYSICAL_INVENTORIES	PHYSICAL_INVENTORY_ID ORGANIZATION_ID	PHYSICAL_INVENTORY_ID ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_NAME ORGANIZATION_ID
MTL_SERIAL_NUMBERS	CURRENT_ORGANIZATION_ID INVENTORY_ITEM_ID SERIAL_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID SERIAL_NUMBER
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
WMS_LICENSE_PLATE_NUMBERS	LPN_ID	OUTERMOST_LPN_ID
WMS_LICENSE_PLATE_NUMBERS	LPN_ID	PARENT_LPN_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
APPROVAL_STATUS	MTL_APPROVALS 1 2 3	MFG_LOOKUPS Approve Reject Posted

### Column Descriptions

Name	Null?	Type	Description
ADJUSTMENT_ID (PK)	NOT NULL	NUMBER	Physical inventory adjustment identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
PHYSICAL_INVENTORY_ID	NOT NULL	NUMBER	Identifier of physical inventory owning the adjustment
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
SUBINVENTORY_NAME	NOT NULL	VARCHAR2(10)	Subinventory of adjustment
SYSTEM_QUANTITY	NOT NULL	NUMBER	Frozen quantity of this SKU
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
COUNT_QUANTITY	NULL	NUMBER	Quantity of this SKU counted during the physical inventory
ADJUSTMENT_QUANTITY	NOT NULL	NUMBER	Quantity adjustment required to correct frozen quantity to counted quantity
REVISION	NULL	VARCHAR2(3)	Revision of item being adjusted
LOCATOR_ID	NULL	NUMBER	Identifier of locator of this SKU
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number of the item being adjusted
LOT_EXPIRATION_DATE	NULL	DATE	Expiration date of the lot number of this adjustment
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial number of the item being adjusted
ACTUAL_COST	NULL	NUMBER	Cost per unit of this item
APPROVAL_STATUS	NULL	NUMBER(22)	Whether this adjustment has been approved for transaction or not
APPROVED_BY_EMPLOYEE_ID	NULL	NUMBER(9)	Identifier of employee who approved or rejected this adjustment
AUTOMATIC_APPROVAL_CODE	NULL	NUMBER	If this adjustment was approved automatically (not used)
GL_ADJUST_ACCOUNT	NULL	NUMBER	Identifier of account to which this adjustment was posted
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
LOT_SERIAL_CONTROLS	NULL	VARCHAR2(1)	Dummy column required by AOL for protected decsriptive flexfield
TEMP_APPROVER	NULL	NUMBER(1)	Dummy column required by AOL
PARENT_LPN_ID	NULL	NUMBER	Parent LPN Identifier of the item
OUTERMOST_LPN_ID	NULL	NUMBER	Outermost LPN Identifier of the item
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifier - Used by WMS only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PHYSICAL_ADJUSTMENTS_N1	NOT UNIQUE	1	PHYSICAL_INVENTORY_ID
		2	APPROVAL_STATUS
MTL_PHYSICAL_ADJUSTMENTS_N2	NOT UNIQUE	1	PHYSICAL_INVENTORY_ID
		2	INVENTORY_ITEM_ID
		3	SUBINVENTORY_NAME
MTL_PHYSICAL_ADJUSTMENTS_N3	NOT UNIQUE	1	PHYSICAL_INVENTORY_ID
		2	SUBINVENTORY_NAME
		3	INVENTORY_ITEM_ID
MTL_PHYSICAL_ADJUSTMENTS_U1	UNIQUE	1	ADJUSTMENT_ID
MTL_PHYSICAL_ADJUSTMENTS_U2	UNIQUE	1	ORGANIZATION_ID
		2	PHYSICAL_INVENTORY_ID
		3	ADJUSTMENT_ID

Sequences

Sequence	Derived Column
MTL_PHYSICAL_ADJUSTMENTS_S	ADJUSTMENT_ID

# MTL\_PHYSICAL\_ADJUSTMENTS\_EFC

MTL\_PHYSICAL\_ADJUSTMENTS\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_PHYSICAL\_ADJUSTMENTS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
ACTUAL_COST	NULL	NUMBER	Actual Cost
ADJUSTMENT_ID	NOT NULL	NUMBER	Adjustment Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

## MTL\_PHYSICAL\_INVENTORIES

MTL\_PHYSICAL\_INVENTORIES contains certain user-defined options for a physical inventory, including the approvals required, subinventory scope (all or a subset specified in MTL\_PHYSICAL\_SUBINVENTORIES), tolerances, and whether tags may be created in the Physical Inventory Counts window or whether they must be pre-generated.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DEFAULT_GL_ADJUST_ACCOUNT
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ALL_SUBINVENTORIES_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
APPROVAL_REQUIRED	MTL_APPROVAL_REQ	MFG_LOOKUPS
	1	Required for all adjustments
	2	Not required for adjustments
	3	Required for adjustments out of tolerance
DYNAMIC_TAG_ENTRY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

### Column Descriptions

Name	Null?	Type	Description
PHYSICAL_INVENTORY_ID (PK)	NOT NULL	NUMBER	Physical inventory identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
PHYSICAL_INVENTORY_DATE	NOT NULL	DATE	Date of taking physical inventory
LAST_ADJUSTMENT_DATE	NULL	DATE	Date of last adjustment transaction posted
TOTAL_ADJUSTMENT_VALUE	NULL	NUMBER	Total value of all physical inventory adjustments
DESCRIPTION	NULL	VARCHAR2(50)	Description of physical inventory
FREEZE_DATE	NULL	DATE	Date inventory was frozen
PHYSICAL_INVENTORY_NAME	NOT NULL	VARCHAR2(30)	Name of this physical inventory
APPROVAL_REQUIRED	NOT NULL	NUMBER	Type of approval required on adjustment transactions
ALL_SUBINVENTORIES_FLAG	NOT NULL	NUMBER	Whether or not this physical inventory covers all subinventories with the organization

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Column Descriptions (Continued)

Name	Null?	Type	Description
NEXT_TAG_NUMBER	NULL	VARCHAR2(40)	The next tag-number in sequence following the last tag that was generated for this physical inventory
TAG_NUMBER_INCREMENTS	NULL	VARCHAR2(40)	The tag-number digit-increments of the last tag-generation that was run for this physical inventory
DEFAULT_GL_ADJUST_ACCOUNT	NULL	NUMBER	Account to which adjustment transactions are posted
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
APPROVAL_TOLERANCE_POS	NULL	NUMBER	Percent tolerance, above which an adjustment transaction requires explicit approval
APPROVAL_TOLERANCE_NEG	NULL	NUMBER	Percent tolerance, below which an adjustment transaction requires explicit approval
COST_VARIANCE_POS	NULL	NUMBER	Currency tolerance, above which an adjustment transaction requires explicit approval
COST_VARIANCE_NEG	NULL	NUMBER	Currency tolerance, below which an adjustment transaction requires explicit approval
NUMBER_OF_SKUS	NULL	NUMBER	Number of stock-keeping units frozen
DYNAMIC_TAG_ENTRY_FLAG	NOT NULL	NUMBER	Whether or not dynamic tag creation is permitted in the Physical Inventory Counts window
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Descriptive flexfield structure defining column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PHYSICAL_INVENTORIES_U1	UNIQUE	1	ORGANIZATION_ID
		2	PHYSICAL_INVENTORY_ID



*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
MTL_PHYSICAL_INVENTORIES_S	PHYSICAL_INVENTORY_ID

## MTL\_PHYSICAL\_INVENTORIES\_EFC

MTL\_PHYSICAL\_INVENTORIES\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_PHYSICAL\_INVENTORIES prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
TOTAL_ADJUSTMENT_VALUE	NULL	NUMBER	Total Adjustment Value
PHYSICAL_INVENTORY_ID	NOT NULL	NUMBER	Physical Inventory Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

## MTL\_PHYSICAL\_INVENTORY\_TAGS

MTL\_PHYSICAL\_INVENTORY\_TAGS stores information regarding physical inventory tags, including tag number, SKU information, tag-quantity, and a pointer to the corresponding adjustment in MTL\_PHYSICAL\_ADJUSTMENTS. A change to this table may require a corresponding change to MTL\_PHYSICAL\_ADJUSTMENTS to ensure that the information therein remains consistent with its tags.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_LOT_NUMBERS	INVENTORY_ITEM_ID ORGANIZATION_ID LOT_NUMBER	INVENTORY_ITEM_ID ORGANIZATION_ID LOT_NUMBER
MTL_PHYSICAL_ADJUSTMENTS	ADJUSTMENT_ID	ADJUSTMENT_ID
MTL_PHYSICAL_INVENTORIES	PHYSICAL_INVENTORY_ID ORGANIZATION_ID	PHYSICAL_INVENTORY_ID ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY ORGANIZATION_ID
MTL_SERIAL_NUMBERS	INVENTORY_ITEM_ID CURRENT_ORGANIZATION_ID SERIAL_NUMBER	INVENTORY_ITEM_ID ORGANIZATION_ID SERIAL_NUM
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	TAG_UOM
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	STANDARD_UOM
WMS_LICENSE_PLATE_NUMBERS	LPN_ID	PARENT_LPN_ID
WMS_LICENSE_PLATE_NUMBERS	LPN_ID	OUTERMOST_LPN_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
VOID_FLAG	MTL_VOID	MFG_LOOKUPS
	1	Void
	2	Active

### Column Descriptions

Name	Null?	Type	Description
TAG_ID (PK)	NOT NULL	NUMBER	Tag identifier
PHYSICAL_INVENTORY_ID	NOT NULL	NUMBER	Physical inventory identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
VOID_FLAG	NOT NULL	NUMBER	Whether or not this tag has been voided
TAG_NUMBER	NOT NULL	VARCHAR2(40)	Tag number

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Column Descriptions (Continued)

Name	Null?	Type	Description
ADJUSTMENT_ID	NULL	NUMBER	Identifier of adjustment corresponding to this tag's SKU
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
TAG_QUANTITY	NULL	NUMBER	Tag quantity
TAG_UOM	NULL	VARCHAR2(3)	Unit of measure on tag
TAG_QUANTITY_AT_STANDARD_UOM	NULL	NUMBER	Tag quantity at standard UOM
STANDARD_UOM	NULL	VARCHAR2(3)	Standard unit of measure at tag entry time
SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory of SKU counted on this tag
LOCATOR_ID	NULL	NUMBER	Identifier of locator of SKU counted on this tag
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number for item
LOT_EXPIRATION_DATE	NULL	DATE	Lot expiration date
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
SERIAL_NUM	NULL	VARCHAR2(30)	Item serial number
COUNTED_BY_EMPLOYEE_ID	NULL	NUMBER(9)	Identifier of employee who made this count
LOT_SERIAL_CONTROLS	NULL	VARCHAR2(1)	Dummy column required by AOL for protected descriptive flexfield
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
PARENT_LPN_ID	NULL	NUMBER	Parent LPN Identifier
OUTERMOST_LPN_ID	NULL	NUMBER	Outermost LPN Identifier
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifier - Used by WMS only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PHYSICAL_INVENTORY_TAGS_N4	NOT UNIQUE	1	PHYSICAL_INVENTORY_ID
MTL_PHYSICAL_INVENTORY_TAGS_N5	NOT UNIQUE	1	ADJUSTMENT_ID
		2	PHYSICAL_INVENTORY_ID
MTL_PHYSICAL_INVENTORY_TAGS_N6	NOT UNIQUE	1	PHYSICAL_INVENTORY_ID
		5	SUBINVENTORY
MTL_PHYSICAL_INVENTORY_TAGS_U1	UNIQUE	1	TAG_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MTL_PHYSICAL_INVENTORY_TAGS_U2	UNIQUE	1	ORGANIZATION_ID
		2	PHYSICAL_INVENTORY_ID
		3	TAG_NUMBER

Sequences

Sequence	Derived Column
MTL_PHYSICAL_INVENTORY_TAGS_S	TAG_ID

## MTL\_PHYSICAL\_SUBINVENTORIES

MTL\_PHYSICAL\_SUBINVENTORIES specifies which subinventories are involved in a physical inventory when the physical inventory does not include all subinventories. One row per subinventory per physical inventory.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_PHYSICAL_INVENTORIES	ORGANIZATION_ID PHYSICAL_INVENTORY_ID	ORGANIZATION_ID PHYSICAL_INVENTORY_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY ORGANIZATION_ID

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
PHYSICAL_INVENTORY_ID (PK)	NOT NULL	NUMBER	Physical inventory identifier
SUBINVENTORY (PK)	NOT NULL	VARCHAR2(10)	Subinventory
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PHYSICAL_SUBINVENTORIES_U1	UNIQUE	1	ORGANIZATION_ID
		2	PHYSICAL_INVENTORY_ID
		3	SUBINVENTORY

## MTL\_PICKING\_RULES

MTL\_PICKING\_RULES stores the pick criteria for each defined rule. The picking criteria consists of the selections of picking preferences regarding an item's revision, lot, subinventory and locator. A picking rule is chosen when performing picking.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LOCATOR_RULE	MTL_LOCATOR_RULE	MFG_LOOKUPS
	2	Locator picking order
	3	Earliest receipt date
	4	No locator order
LOT_RULE	MTL_LOT_RULE	MFG_LOOKUPS
	1	Expiration date
	2	Receipt date
	3	Lot number
REVISION_RULE	MTL_REVISION_RULE	MFG_LOOKUPS
	1	Effective date
	2	Revision
	3	No revision order
SERIAL_NUMBER_RULE	MTL_SERIAL_NUMBER_RULE	MFG_LOOKUPS
	1	Serial number
	2	Receipt date
	3	No serial number order
SUBINVENTORY_RULE	MTL_SUBINVENTORY_RULE	MFG_LOOKUPS
	2	Subinventory picking order
	3	Earliest receipt date
	4	No subinventory order

### Column Descriptions

Name	Null?	Type	Description
PICKING_RULE_ID (PK)	NOT NULL	NUMBER	Picking rule identifier
PICKING_RULE_NAME	NOT NULL	VARCHAR2(30)	Name for picking rule
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REVISION_RULE	NULL	NUMBER	Rule code for revision
LOT_RULE	NULL	NUMBER	Rule code for lot
SERIAL_NUMBER_RULE	NULL	NUMBER	Rule code for serial number
SUBINVENTORY_RULE	NULL	NUMBER	Rule code for subinventory
LOCATOR_RULE	NULL	NUMBER	Rule code for locator
DESCRIPTION	NULL	VARCHAR2(50)	Description of picking rule
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

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Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PICKING_RULES_U1	UNIQUE	1	PICKING_RULE_ID

Sequences

Sequence	Derived Column
MTL_PICKING_RULES_S	PICKING_RULE_ID



# 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\_PURGE\_HEADER

MTL\_PURGE\_HEADER maintains a history of transaction purges. Each record includes a purge name, purge date, and the organization.

PURGE\_NAME is a name entered by the user when the transaction purge is launched. Transactions that are dated on or before PURGE\_DATE will be purged.

The transaction tables that are purged are:

MTL\_MATERIAL\_TRANSACTIONS  
MTL\_TRANSACTION\_LOT\_NUMBERS  
MTL\_UNIT\_TRANSACTIONS  
MTL\_TRANSACTION\_ACCOUNTS  
MTL\_MATERIAL\_TXN\_ALLOCATIONS

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
PURGE_ID (PK)	NOT NULL	NUMBER	Purge header identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
PURGE_DATE	NOT NULL	DATE	Purge date
ARCHIVE_FLAG	NULL	VARCHAR2(1)	(not currently used)
PURGE_NAME	NOT NULL	VARCHAR2(30)	Purge header name
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier

MTL\_QOH\_ITEM\_TMP

Not currently used

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	
INVENTORY_ITEM_ID	NOT NULL	NUMBER	
TOTAL_QOH	NULL	NUMBER	
RESERVED_QOH	NULL	NUMBER	
AVAILABLE_QOH	NULL	NUMBER	
PRIMARY_UOM_CODE	NULL	VARCHAR2 ( 3 )	

# MTL\_QOH\_LOCATOR\_TMP

Not currently used

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	
INVENTORY_ITEM_ID	NOT NULL	NUMBER	
REVISION	NULL	VARCHAR2(3)	
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	
LOCATOR_ID	NULL	NUMBER	
LOT	NULL	VARCHAR2(30)	
TOTAL_QOH	NULL	NUMBER	
RESERVED_QOH	NULL	NUMBER	
AVAILABLE_QOH	NULL	NUMBER	
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	

# MTL\_QOH\_LOT\_TMP

Not currently used

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	
INVENTORY_ITEM_ID	NOT NULL	NUMBER	
REVISION	NULL	VARCHAR2(3)	
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	
LOCATOR_ID	NULL	NUMBER	
LOT	NULL	VARCHAR2(30)	
TOTAL_QOH	NULL	NUMBER	
RESERVED_QOH	NULL	NUMBER	
AVAILABLE_QOH	NULL	NUMBER	
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	

# MTL\_QOH\_REV\_TMP

Not currently used

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	
INVENTORY_ITEM_ID	NOT NULL	NUMBER	
REVISION	NULL	VARCHAR2(3)	
TOTAL_QOH	NULL	NUMBER	
RESERVED_QOH	NULL	NUMBER	
AVAILABLE_QOH	NULL	NUMBER	
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	

MTL\_QOH\_SUB\_TMP

Not currently used

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	
INVENTORY_ITEM_ID	NOT NULL	NUMBER	
REVISION	NULL	VARCHAR2(3)	
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	
TOTAL_QOH	NULL	NUMBER	
RESERVED_QOH	NULL	NUMBER	
AVAILABLE_QOH	NULL	NUMBER	
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	

## MTL\_RELATED\_ITEMS

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

RELATIONSHIP\_TYPE\_ID indicates whether the relationship is a 'Substitute' or 'Related' relationship.

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

The view, MTL\_RELATED\_ITEMS\_VIEW, explodes the reciprocal relationships and may be used to view all item relationships regardless of how they are defined.

### Foreign Keys

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

### QuickCodes Columns

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

### Column Descriptions

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

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*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MTL_RELATED_ITEMS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	RELATED_ITEM_ID
		3	RELATIONSHIP_TYPE_ID
		4	ORGANIZATION_ID

## MTL\_RELATED\_ITEMS\_INTERFACE

MTL\_RELATED\_ITEMS\_INTERFACE temporarily stores the relationship between two items before loading this information into Oracle Inventory. This table contains user-friendly columns which allow you to easily enter your data as well as the corresponding foreign keys. Oracle Inventory will default column values you do not enter, after performing the proper validation. For example, if you enter the ITEM\_NUMBER, Oracle Inventory will fill in the corresponding INVENTORY\_ITEM\_ID for you.

This table is not currently used.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
RECIPROCAL_FLAG	7	Processing succeeded
	YES_NO	FND_LOOKUPS
	N	No
RELATIONSHIP_TYPE_ID	Y	Yes
	MTL_RELATIONSHIP_TYPES	MFG_LOOKUPS
	1	Related
	2	Substitute

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NULL	NUMBER	Inventory item identifier
RELATED_ITEM_ID (PK)	NULL	NUMBER	Related inventory item identifier
RELATIONSHIP_TYPE_ID (PK)	NULL	NUMBER	Relationship type identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RECIPROCAL_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether relationship is reciprocal
ORGANIZATION_ID (PK)	NULL	NUMBER	Organization identifier
TRANSACTION_ID	NULL	NUMBER	Interface record identifier
PROCESS_FLAG	NULL	NUMBER	Interface record processing status
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviated organization name

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*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
RELATED_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments of related item

## MTL\_REPLENISH\_HEADERS

MTL\_REPLENISH\_HEADERS stores the header information for a replenishment count name. Each count name represents the replenishment information for a subinventory. The process status of a count name is stored in the PROCESS\_STATUS column. The ERROR\_FLAG stores the error status for the whole count name, if any.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_LOCATIONS_ALL	LOCATION_ID	DELIVERY_LOCATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_CODE ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ERROR_FLAG	MTL_REPLENISHMENT_ERROR	MFG_LOOKUPS
	1	Non-unique Replenishment Header Identifier
	10	Line(s) associated with this header failed validation
	100	No Item Sourcing Information found
	11	Neither Item Id nor Item Flexfield Segments were provided
	12	Invalid Count Type Code
	2	Non-unique Replenishment Count Header Name
	200	Item Source conflicts with Purchasable/Internal Order flag
	3	Invalid LAST_UPDATED_BY User Identifier
	300	No delivery location defined for the organization
	4	Invalid Organization Identifier
	400	Set of Books different from Purchasing
	5	Invalid Subinventory Name
	500	Line not processed due to other lines failing
	6	Invalid Requisition Approval Flag
	600	No customer associated with delivery location
	7	No Replenishment Lines are associated with Header
	8	Invalid Item Identifier/Item not Transactable or enabled
	800	Above min-max minimum qty. No need to reorder
	9	Invalid Unit of Measure Specification

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	990	Normal - Item Sourcing information successfully determined
	999	Normal, successful completion
PROCESS_MODE	MTL_TRANSACTION_MODE	MFG_LOOKUPS
	1	On-line processing
	2	Concurrent processing
	3	Background processing
PROCESS_STATUS	MTL_COUNT_STATUS	MFG_LOOKUPS
	1	Hold
	2	Pending
	3	Processing
	4	Error
	5	Completed
REQUISITION_APPROVAL_TYPE	MTL_REQUISITION_APPROVAL	MFG_LOOKUPS
	1	Approved
	2	Unapproved

Column Descriptions

Name	Null?	Type	Description
REPLENISHMENT_HEADER_ID (PK)	NOT NULL	NUMBER	Unique identifier for the count name. Selected from the sequence MTL_REPLENISH_HEADERS_S
REPLENISHMENT_COUNT_NAME	NOT NULL	VARCHAR2(10)	Unique count name
COUNT_DATE	NOT NULL	DATE	Date on which the count was performed
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	Subinventory in which the count was performed
SUPPLY_CUTOFF_DATE	NULL	DATE	Supply from OE/PO will not be recognized after this date
REQUISITION_APPROVAL_TYPE	NULL	NUMBER	Preapprove requisitions upon generation in PO
PROCESS_STATUS	NULL	NUMBER	Process status of the record
PROCESS_MODE	NULL	NUMBER	Flag to determine if the record is to be processed in concurrent or background mode
ERROR_FLAG	NULL	NUMBER	The processing error, if any, of the record.
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
DELIVERY_LOCATION_ID	NULL	NUMBER(15)	Unique identifier for delivery location

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### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_REPLENISH_HEADERS_N1	NOT UNIQUE	1	ORGANIZATION_ID
MTL_REPLENISH_HEADERS_U1	UNIQUE	1	REPLENISHMENT_HEADER_ID
MTL_REPLENISH_HEADERS_U2	UNIQUE	2	REPLENISHMENT_COUNT_NAME

### Sequences

Sequence	Derived Column
MTL_REPLENISH_HEADERS_S	REPLENISHMENT_HEADER_ID

## MTL\_REPLENISH\_HEADERS\_INT

MTL\_REPLENISH\_HEADERS\_INT provides an interface for users to populate external replenishment header information. The information stored in this table will then be processed by the Replenishment Validator before being loaded into the MTL\_REPLENISH\_HEADERS table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	SUBINVENTORY_CODE
	ORGANIZATION_ID	ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ERROR_FLAG	MTL_REPLENISHMENT_ERROR	MFG_LOOKUPS
	1	Non-unique Replenishment Header Identifier
	10	Line(s) associated with this header failed validation
	100	No Item Sourcing Information found
	11	Neither Item Id nor Item Flexfield Segments were provided
	12	Invalid Count Type Code
	2	Non-unique Replenishment Count Header Name
	200	Item Source conflicts with Purchasable/Internal Order flag
	3	Invalid LAST_UPDATED_BY User Identifier
	300	No delivery location defined for the organization
	4	Invalid Organization Identifier
	400	Set of Books different from Purchasing
	5	Invalid Subinventory Name
	500	Line not processed due to other lines failing
	6	Invalid Requisition Approval Flag
	600	No customer associated with delivery location
	7	No Replenishment Lines are associated with Header
	8	Invalid Item Identifier/Item not Transactable or enabled
	800	Above min-max minimum qty. No need to reorder
	9	Invalid Unit of Measure Specification

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	990	Normal – Item Sourcing information successfully determined
	999	Normal, successful completion
PROCESS_MODE	MTL_TRANSACTION_MODE	MFG_LOOKUPS
	1	On-line processing
	2	Concurrent processing
	3	Background processing
PROCESS_STATUS	MTL_COUNT_STATUS	MFG_LOOKUPS
	1	Hold
	2	Pending
	3	Processing
	4	Error
	5	Completed

Column Descriptions

Name	Null?	Type	Description
REPLENISHMENT_HEADER_ID (PK)	NOT NULL	NUMBER	Unique identifier for the count name. Selected from the sequence MTL_REPLENISH_HEADERS_S
REPLENISHMENT_COUNT_NAME	NOT NULL	VARCHAR2(10)	Unique count name
COUNT_DATE	NOT NULL	DATE	Date on which the count was performed
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Organization code. Users can either populate organization id or organization code
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	Subinventory in which the count was performed
SUPPLY_CUTOFF_DATE	NULL	DATE	Supply from OE/PO will not be recognized after this date
PROCESS_STATUS	NULL	NUMBER	The process status of the record. For a record to be processed by the Validator, this has to be set to 2 (ie, Pending)
PROCESS_MODE	NULL	NUMBER	A flag to determine if the record is to be processed in concurrent or background mode
ERROR_FLAG	NULL	NUMBER	The processing error, if any, of the record
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
DELIVERY_LOCATION_ID	NULL	NUMBER(15)	Unique identifier for delivery location
DELIVERY_LOCATION_CODE	NULL	VARCHAR2(20)	Delivery Location name



## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_REPLENISH_HEADERS_INT_U1	UNIQUE	1	REPLENISHMENT_HEADER_ID
MTL_REPLENISH_HEADERS_INT_U2	UNIQUE	2	REPLENISHMENT_COUNT_NAME

## MTL\_REPLENISH\_LINES

MTL\_REPLENISH\_LINES stores each line information for a replenishment header. The line information includes an item along with the count type and count quantity. The replenishment processor automatically populates further information such as sourcing information, reorder quantity, and account information along with the error statuses into this table upon the completion of processing the headers and lines.

The count types are On-hand Quantity, Order Maximum, and Order Quantity.

On-hand Quantity: the entered count quantity will be treated as the current on-hand quantity by the processor.

Order Maximum: users are not required to enter the count quantity. However, the processor will automatically reorder the maximum min-max quantity defined for the item regardless of the on-hand and supply quantity.

Order Quantity: the entered count quantity is treated as the reorder quantity.

However, the reorder quantity is subject to supplier constraints such as minimum order quantity, maximum order quantity, and fixed lot multiplier.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	SOURCE_ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_REPLENISH_HEADERS	REPLENISHMENT_HEADER_ID	REPLENISHMENT_HEADER_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SOURCE_SUBINVENTORY ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	COUNT_UOM_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
COUNT_TYPE_CODE	MTL_COUNT_TYPES 1 2 3	MFG_LOOKUPS Onhand quantity Order quantity Order maximum
ERROR_FLAG	MTL_REPLENISHMENT_ERROR 1 10 100	MFG_LOOKUPS Non-unique Replenishment Header Identifier Line(s) associated with this header failed validation No Item Sourcing Information found

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	11	Neither Item Id nor Item Flexfield Segments were provided
	12	Invalid Count Type Code
	2	Non-unique Replenishment Count Header Name
	200	Item Source conflicts with Purchasable/Internal Order flag
	3	Invalid LAST_UPDATED_BY User Identifier
	300	No delivery location defined for the organization
	4	Invalid Organization Identifier
	400	Set of Books different from Purchasing
	5	Invalid Subinventory Name
	500	Line not processed due to other lines failing
	6	Invalid Requisition Approval Flag
	600	No customer associated with delivery location
	7	No Replenishment Lines are associated with Header
	8	Invalid Item Identifier/Item not Transactable or enabled
	800	Above min-max minimum qty. No need to reorder
	9	Invalid Unit of Measure Specification
	990	Normal - Item Sourcing information successfully determined
	999	Normal, successful completion
SOURCE_TYPE	MTL_SOURCE_TYPES	MFG_LOOKUPS
	1	Inventory
	2	Supplier

Column Descriptions

Name	Null?	Type	Description
REPLENISHMENT_LINE_ID (PK)	NOT NULL	NUMBER	Line identifier for a replenishment line. The id is selected from the sequence, MTL_REPLENISH_LINES_S
REPLENISHMENT_HEADER_ID (PK)	NOT NULL	NUMBER	Foreign key to replenishment count interface header record
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
COUNT_TYPE_CODE	NOT NULL	NUMBER	Type of count performed

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Column Descriptions (Continued)

Name	Null?	Type	Description
COUNT_QUANTITY	NULL	NUMBER	Quantity of item counted within subinventory specified in header. The context of this column depends on the count type
COUNT_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code of the count quantity
SUPPLY_QUANTITY	NULL	NUMBER	Used by processor to store quantity expected to be received into subinventory
SOURCE_TYPE	NULL	NUMBER	Used by processor to store source type
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Used by processor to store source organization id
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Used by processor to store source subinventory code
REORDER_QUANTITY	NULL	NUMBER	Used by processor to store quantity of items to be reordered
EXPENSE_ACCOUNT	NULL	NUMBER	Used by processor to store the expense account
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Used by processor to store the encumbrance account
REFERENCE	NULL	VARCHAR2(240)	Free text describing count line
ERROR_FLAG	NULL	NUMBER	The processing error, if any, of the line. This column is populated by the Replenishment Processor
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
PRIMARY_UOM_COUNT_QUANTITY	NULL	NUMBER	The count quantity in primary uom code
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Primary uom code of the item
TASK_ID	NULL	NUMBER(15)	Task identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_REPLENISH_LINES_U1	UNIQUE	1	REPLENISHMENT_HEADER_ID
		2	REPLENISHMENT_LINE_ID

Sequences

Sequence	Derived Column
MTL_REPLENISH_LINES_S	REPLENISHMENT_LINE_ID

## MTL\_REPLENISH\_LINES\_INT

MTL\_REPLENISH\_LINES\_INT is an interface table that allows users to populate the detailed replenishment line information. The information stored in this table along with the header information in MTL\_REPLENISH\_HEADERS\_INT table will then be processed by the Replenishment Validator (INCRVL) before being loaded into the MTL\_REPLENISH\_LINES and MTL\_REPLENISH\_HEADERS tables respectively. The ERROR\_FLAG stores the error statuses during validation.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_REPLENISH_HEADERS_INT	REPLENISHMENT_HEADER_ID	REPLENISHMENT_HEADER_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	COUNT_UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	COUNT_UOM_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
COUNT_TYPE_CODE	MTL_COUNT_TYPES	MFG_LOOKUPS
	1	Onhand quantity
	2	Order quantity
	3	Order maximum

### Column Descriptions

Name	Null?	Type	Description
REPLENISHMENT_HEADER_ID (PK)	NOT NULL	NUMBER	Foreign key to replenishment count interface header record
REPLENISHMENT_LINE_ID (PK)	NOT NULL	NUMBER	Line identifier for a replenishment line
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
COUNT_TYPE_CODE	NOT NULL	NUMBER	Type of count performed
COUNT_QUANTITY	NULL	NUMBER	Quantity of item counted within subinventory specified in header. The context of this column depends on the count type
REFERENCE	NULL	VARCHAR2(240)	Free text comments about the count line
ERROR_FLAG	NULL	NUMBER	The processing error, if any, of the line. This column is populated by the Replenishment Validator
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
SEGMENT1	NULL	VARCHAR2(40)	Item key flexfield segment column. Users can either populate an inventory item id or the item segments.
SEGMENT2	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT3	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT4	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT5	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT6	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT7	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT8	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT9	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT10	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT11	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT12	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT13	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT14	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT15	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT16	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT17	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT18	NULL	VARCHAR2(40)	Item Key flexfield segment column
SEGMENT19	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT20	NULL	VARCHAR2(40)	Item key flexfield segment column
COUNT_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	The long name of unit of measure of the count quantity. Users can either enter the long name of the unit of measure or the short name uom code
COUNT_UOM_CODE	NULL	VARCHAR2(3)	Short name of the unit of measure of the count quantity. Users can either enter the long name, unit of measure, or the short name
TASK_ID	NULL	NUMBER(15)	Task identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_REPLENISH_LINES_INT_U1	UNIQUE	5	REPLENISHMENT_HEADER_ID
		6	REPLENISHMENT_LINE_ID

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## MTL\_RESERVATIONS

This table stores reservation information. Each record is a reservation that ties an item/organization combination with a demand source and a supply source. Demand source information comprises demand source type (Sales Order, Account, Account Alias, Inventory), demand source header, demand source line and demand source name. Supply source information comprises supply source type (Inventory, WIP jobs), supply source header, supply source line, supply source name and inventory controls (revision, lot, subinventory, locator).

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID	ORGANIZATION_ID LOCATOR_ID
MTL_ITEM_REVISIONS	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION
MTL_LOT_NUMBERS	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID SUBINVENTORY_CODE
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	DEMAND_SOURCE_TYPE_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	SUPPLY_SOURCE_TYPE_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	PRIMARY_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	RESERVATION_UOM_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
SHIP_READY_FLAG	SYS_YES_NO 1 2	MFG_LOOKUPS Yes No

### Column Descriptions

Name	Null?	Type	Description
RESERVATION_ID	NOT NULL	NUMBER	Reservation identifier
REQUIREMENT_DATE	NOT NULL	DATE	Reservation requirement date
ORGANIZATION_ID	NOT NULL	NUMBER	Identifier of organization in which reservation is made
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Identifier of reserved item
DEMAND_SOURCE_TYPE_ID	NOT NULL	NUMBER	Indicates demand source for which reservation is made
DEMAND_SOURCE_NAME	NULL	VARCHAR2(30)	Identifier for inventory or user defined demand

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Column Descriptions (Continued)

Name	Null?	Type	Description
DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	Header identifier for source of demand. For Sales Order: OE_ORDER_HEADERS.HEADER_ID. For Account: GL_CODE_COMBINATIONS.CODE_COMBINATION_ID. For Account Alias: MTL_GENERIC_DISPOSITIONS.DISPOSITION_ID
DEMAND_SOURCE_LINE_ID	NULL	NUMBER	Line ID for demand source. For Sales Order: OE_ORDER_LINES.LINE_ID
DEMAND_SOURCE_DELIVERY	NULL	NUMBER	Delivery identifier for demand sources having one
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Primary unit of measure of reserved item
PRIMARY_UOM_ID	NULL	NUMBER	Not currently used
RESERVATION_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure in which reservation is made
RESERVATION_UOM_ID	NULL	NUMBER	Not used
RESERVATION_QUANTITY	NOT NULL	NUMBER	Quantity reserved in RESERVATION_UOM_CODE
PRIMARY_RESERVATION_QUANTITY	NOT NULL	NUMBER	Quantity reserved in PRIMARY_UOM_CODE
AUTODETAIL_GROUP_ID	NULL	NUMBER	Not currently used
EXTERNAL_SOURCE_CODE	NULL	VARCHAR2(30)	Not currently used
EXTERNAL_SOURCE_LINE_ID	NULL	NUMBER	Not currently used
SUPPLY_SOURCE_TYPE_ID	NOT NULL	NUMBER	Indicates supply source of reservation
SUPPLY_SOURCE_HEADER_ID	NULL	NUMBER	Header identifier of supply source
SUPPLY_SOURCE_LINE_ID	NULL	NUMBER	Indicates line identifier of supply source
SUPPLY_SOURCE_LINE_DETAIL	NULL	NUMBER	Indicates line detail identifier of supply source
SUPPLY_SOURCE_NAME	NULL	VARCHAR2(30)	Indicates name of supply source
REVISION	NULL	VARCHAR2(3)	Revision of revision controlled reserved item
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory in which reserved item resides
SUBINVENTORY_ID	NULL	NUMBER	Not currently used
LOCATOR_ID	NULL	NUMBER	Locator in which reserved item resides
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number of lot controlled reserved item
LOT_NUMBER_ID	NULL	NUMBER	Not currently used
SERIAL_NUMBER	NULL	VARCHAR2(30)	Not currently used
SERIAL_NUMBER_ID	NULL	NUMBER	Not currently used
PARTIAL_QUANTITIES_ALLOWED	NULL	NUMBER	Not currently used
AUTO_DETAILED	NULL	NUMBER	Not currently used
PICK_SLIP_NUMBER	NULL	NUMBER	Not currently used
LPN_ID	NULL	NUMBER	Not currently used
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column

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# Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
SHIP_READY_FLAG	NULL	NUMBER	Indicates that reserved quantity is ready to be shipped
N_COLUMN1	NULL	NUMBER	For synchronization purpose
DETAILED_QUANTITY	NULL	NUMBER	If high level reservation, quantity detailed.
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifier - Used by WMS only
CONTAINER_LPN_ID	NULL	NUMBER	Indicates LPN of the empty container reserved - used by WMS only
STAGED_FLAG	NULL	VARCHAR2(1)	Indicates if the reservation is in staged area.

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_RESERVATIONS_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
MTL_RESERVATIONS_N2	NOT UNIQUE	4	DEMAND_SOURCE_LINE_ID
MTL_RESERVATIONS_N5	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	REQUIREMENT_DATE
MTL_RESERVATIONS_N6	NOT UNIQUE	1	SHIP_READY_FLAG
MTL_RESERVATIONS_N7	NOT UNIQUE	5	N_COLUMN1
MTL_RESERVATIONS_N8	NOT UNIQUE	1	DEMAND_SOURCE_HEADER_ID
MTL_RESERVATIONS_U1	UNIQUE	1	RESERVATION_ID

## Sequences

Sequence	Derived Column
MTL_RESERVATIONS_S	RESERVATION_ID

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## MTL\_RESERVATIONS\_INTERFACE

This table stores reservations requests. The Reservation Interface manager processes reservation requests from this table into MTL\_RESERVATIONS.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID	ORGANIZATION_ID LOCATOR_ID
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID	ORGANIZATION_ID TO_LOCATOR_ID
MTL_ITEM_REVISIONS	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION
MTL_ITEM_REVISIONS	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION	ORGANIZATION_ID INVENTORY_ITEM_ID TO_REVISION
MTL_LOT_NUMBERS	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER
MTL_LOT_NUMBERS	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID TO_LOT_NUMBER
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	TO_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID SUBINVENTORY_CODE
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID TO_SUBINVENTORY_CODE
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	DEMAND_SOURCE_TYPE_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TO_DEMAND_SOURCE_TYPE_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	SUPPLY_SOURCE_TYPE_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TO_SUPPLY_SOURCE_TYPE_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	PRIMARY_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	RESERVATION_UOM_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LOCK_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PARTIAL_QUANTITIES_ALLOWED	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
ROW_STATUS_CODE	INV_YES_NO_ERROR	MFG_LOOKUPS
	1	Yes
	2	No
	3	Error
SHIP_READY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
TRANSACTION_MODE	MTL_TRANSACTION_MODE	MFG_LOOKUPS

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# *QuickCodes Columns (Continued)*

Column	QuickCodes Type	QuickCodes Table
	1	On-line processing
	2	Concurrent processing
	3	Background processing
VALIDATION_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

## *Column Descriptions*

Name	Null?	Type	Description
RESERVATION_INTERFACE_ID	NOT NULL	NUMBER	Identifies a unique reservation request
RESERVATION_BATCH_ID	NOT NULL	NUMBER	Identifies a group of reservation requests
REQUIREMENT_DATE	NOT NULL	DATE	Required reservation date
ORGANIZATION_ID	NOT NULL	NUMBER	Identifies organization in which reservation function is performed
TO_ORGANIZATION_ID	NULL	NUMBER	For transfer and update reservations, the destination organization in which the reservation function is performed
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Identifies item reserved
ITEM_SEGMENT1	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT2	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT3	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT4	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT5	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT6	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT7	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT8	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT9	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT10	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT11	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT12	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT13	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT14	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT15	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT16	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT17	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT18	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT19	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT20	NULL	VARCHAR2(40)	Item flexfield segment column
DEMAND_SOURCE_TYPE_ID	NOT NULL	NUMBER	Identifies demand source - Sales Order, Account, Account Alias, Inventory
DEMAND_SOURCE_NAME	NULL	VARCHAR2(30)	Identifier for inventory or user defined demand
DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	Header identifier for source of demand. For Sales Order: OE_ORDER_HEADERS.HEADER_ID. For Account: GL_CODE_COMBINATIONS.CODE_COMBINATION_ID. For Account Alias: MTL_GENERIC_DISPOSITIONS.DISPOSITION_ID

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Column Descriptions (Continued)

Name	Null?	Type	Description
DEMAND_SOURCE_LINE_ID	NULL	NUMBER	Line identifier for demand source. For Sales Order: OE_ORDER_LINES.LINE_ID
TO_DEMAND_SOURCE_TYPE_ID	NULL	NUMBER	For update and transfer reservation, identifies destination demand source - Sales Order, Account, Account Alias, Inventory.
TO_DEMAND_SOURCE_NAME	NULL	VARCHAR2(30)	For update and transfer reservation, identifier for inventory or user defined destination demand source.
TO_DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	For update and transfer reservation, Header identifier for destination source of demand. For Sales Order: OE_ORDER_HEADERS.HEADER_ID. For Account: GL_CODE_COMBINATIONS.CODE_COMBINATION_ID. For Account Alias: MTL_GENERIC_DISPOSITIONS.DISPOSITION_ID
TO_DEMAND_SOURCE_LINE_ID	NULL	NUMBER	For update and transfer reservation, Line identifier for destination demand source. For Sales Order: OE_ORDER_LINES.LINE_ID
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Primary unit of measure of reserved item
PRIMARY_UOM_ID	NULL	NUMBER	Not currently used
RESERVATION_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure in which reservation is made.
RESERVATION_UOM_ID	NULL	NUMBER	Not currently used
RESERVATION_QUANTITY	NOT NULL	NUMBER	Quantity reserved in RESERVATION_UOM_CODE
PRIMARY_RESERVATION_QUANTITY	NOT NULL	NUMBER	Quantity reserved in PRIMARY_UOM_CODE
EXTERNAL_SOURCE_CODE	NULL	VARCHAR2(30)	Not currently used
EXTERNAL_SOURCE_LINE_ID	NULL	NUMBER	Not currently used
SUPPLY_SOURCE_TYPE_ID	NOT NULL	NUMBER	Indicates supply source of reservation.
SUPPLY_SOURCE_HEADER_ID	NULL	NUMBER	Header identifier of Supply Source
SUPPLY_SOURCE_LINE_ID	NULL	NUMBER	Indicates line identifier of Supply Source
SUPPLY_SOURCE_LINE_DETAIL	NULL	NUMBER	Indicates line detail identifier of supply source
SUPPLY_SOURCE_NAME	NULL	VARCHAR2(30)	Indicates name of Supply Source
TO_SUPPLY_SOURCE_TYPE_ID	NULL	NUMBER	For update and transfer of reservation, indicates destination supply source of reservation.
TO_SUPPLY_SOURCE_HEADER_ID	NULL	NUMBER	For update and transfer of reservations, header identifier of destination supply source.
TO_SUPPLY_SOURCE_LINE_ID	NULL	NUMBER	For transfer and update of reservations, indicates line identifier of destination supply source.
TO_SUPPLY_SOURCE_LINE_DETAIL	NULL	NUMBER	
TO_SUPPLY_SOURCE_NAME	NULL	VARCHAR2(30)	For transfer and update of reservations, indicates name of destination Supply Source.

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Column Descriptions (Continued)

Name	Null?	Type	Description
ERROR_CODE	NULL	NUMBER	Error code returned by Reservations Interface Manager
ERROR_EXPLANATION	NULL	VARCHAR2(240)	Error explanation text
REVISION	NULL	VARCHAR2(3)	Revision of revision controlled reserved item
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory in which reservation is made
SUBINVENTORY_ID	NULL	NUMBER	Not currently used
LOCATOR_ID	NULL	NUMBER	Identifies locator in which reservation is made.
LOC_SEGMENT1	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT2	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT3	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT4	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT5	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT6	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT7	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT8	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT9	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT10	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT11	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT12	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT13	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT14	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT15	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT16	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT17	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT18	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT19	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT20	NULL	VARCHAR2(40)	Locator flexfield segment column
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number of lot controlled reserved item.
LOT_NUMBER_ID	NULL	NUMBER	Not currently used
SERIAL_NUMBER	NULL	VARCHAR2(30)	Not used
SERIAL_NUMBER_ID	NULL	NUMBER	Not currently used
TO_REVISION	NULL	VARCHAR2(3)	For update and transfer reservation, destination revision of revision controlled reserved item

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Column Descriptions (Continued)

Name	Null?	Type	Description
TO_SUBINVENTORY_CODE	NULL	VARCHAR2(10)	For update and transfer reservation, destination subinventory in which reservation is made.
TO_SUBINVENTORY_ID	NULL	NUMBER	Not currently used
TO_LOCATOR_ID	NULL	NUMBER	For update and transfer reservation, identifies locator in which reservation is made.
TO_LOC_SEGMENT1	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT2	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT3	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT4	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT5	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT6	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT7	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT8	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT9	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT10	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT11	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT12	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT13	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT14	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column

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Column Descriptions (Continued)

Name	Null?	Type	Description
TO_LOC_SEGMENT15	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT16	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT17	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT18	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT19	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT20	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOT_NUMBER	NULL	VARCHAR2(30)	For update and transfer reservation, destination lot number of lot controlled reserved item.
TO_LOT_NUMBER_ID	NULL	NUMBER	Not currently used
TO_SERIAL_NUMBER	NULL	VARCHAR2(30)	Not currently used
TO_SERIAL_NUMBER_ID	NULL	NUMBER	Not currently used
ROW_STATUS_CODE	NOT NULL	NUMBER	Indicates status of request - Active, Inactive, Error
LOCK_FLAG	NULL	NUMBER	Indicates request is locked. This is to prevent the request from being picked by another manager.
RESERVATION_ACTION_CODE	NOT NULL	NUMBER	Indicates reservation function requested
TRANSACTION_MODE	NOT NULL	NUMBER	Fflag to indicate processing mode: 1 - Online; 2 - Immediate Concurrent; 3 - Batch
VALIDATION_FLAG	NULL	NUMBER	Flag to indicate if row needs to be validated before being processed.
PARTIAL_QUANTITIES_ALLOWED	NULL	NUMBER	Flag to indicate if partial reservations are permitted
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
PROJECT_ID	NULL	NUMBER	Not currently used
TASK_ID	NULL	NUMBER	Not currently used
PROJECT_PLANNING_GROUP	NULL	NUMBER	Not currently used
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
SHIP_READY_FLAG	NULL	NUMBER	Flag to indicate if reservation has to be updated to ready to be shipped.

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_RESERVATIONS_INTERFACE_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
MTL_RESERVATIONS_INTERFACE_N10	NOT UNIQUE	1	LOCK_FLAG
MTL_RESERVATIONS_INTERFACE_N11	NOT UNIQUE	1	RESERVATION_ACTION_CODE
MTL_RESERVATIONS_INTERFACE_N12	NOT UNIQUE	1	TRANSACTION_MODE
MTL_RESERVATIONS_INTERFACE_N13	NOT UNIQUE	1	VALIDATION_FLAG
MTL_RESERVATIONS_INTERFACE_N14	NOT UNIQUE	1	PARTIAL_QUANTITIES_ALLOWED
MTL_RESERVATIONS_INTERFACE_N15	NOT UNIQUE	1	SHIP_READY_FLAG
MTL_RESERVATIONS_INTERFACE_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	REQUIREMENT_DATE
MTL_RESERVATIONS_INTERFACE_N3	NOT UNIQUE	1	DEMAND_SOURCE_TYPE_ID
		2	DEMAND_SOURCE_NAME
		3	DEMAND_SOURCE_HEADER_ID
		4	DEMAND_SOURCE_LINE_ID
MTL_RESERVATIONS_INTERFACE_N4	NOT UNIQUE	1	TO_DEMAND_SOURCE_TYPE_ID
		2	TO_DEMAND_SOURCE_NAME
		3	TO_DEMAND_SOURCE_HEADER_ID
		4	TO_DEMAND_SOURCE_LINE_ID
MTL_RESERVATIONS_INTERFACE_N5	NOT UNIQUE	1	SUPPLY_SOURCE_TYPE_ID
		2	SUPPLY_SOURCE_HEADER_ID
		3	SUPPLY_SOURCE_LINE_ID
		4	SUPPLY_SOURCE_LINE_DETAIL
		5	SUPPLY_SOURCE_NAME
MTL_RESERVATIONS_INTERFACE_N6	NOT UNIQUE	1	TO_SUPPLY_SOURCE_TYPE_ID
		2	TO_SUPPLY_SOURCE_HEADER_ID
		3	TO_SUPPLY_SOURCE_LINE_ID
		4	TO_SUPPLY_SOURCE_LINE_DETAIL
		5	TO_SUPPLY_SOURCE_NAME
MTL_RESERVATIONS_INTERFACE_N7	NOT UNIQUE	1	REVISION
		2	LOT_NUMBER
		3	SUBINVENTORY_CODE
		4	LOCATOR_ID
MTL_RESERVATIONS_INTERFACE_N8	NOT UNIQUE	1	TO_REVISION
		2	TO_LOT_NUMBER
		3	TO_SUBINVENTORY_CODE
		4	TO_LOCATOR_ID
MTL_RESERVATIONS_INTERFACE_N9	NOT UNIQUE	1	ROW_STATUS_CODE

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MTL_RESERVATIONS_INTERFACE_U1	UNIQUE	1	RESERVATION_BATCH_ID
		2	RESERVATION_INTERFACE_ID

Sequences

Sequence	Derived Column
MTL_RESERVATIONS_INTERFACE_S	RESERVATION_INTERFACE_ID
MTL_RESERVATIONS_INTERFACE_S	RESERVATION_BATCH_ID

## 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
REVISED_ITEM_SEQUENCE_ID	NULL	NUMBER	Revised Item Sequence Id

*Indexes*

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

## MTL\_RTG\_ITEM\_REVS\_INTERFACE

MTL\_RTG\_ITEM\_REVS\_INTERFACE temporarily stores routing revisions before loading this information into Oracle Inventory. This table contains user friendly columns which allow you to easily enter your data as well as the corresponding foreign keys. Oracle Inventory will derive column values you do not enter, after performing the proper validation. For example, if you enter the ORGANIZATION\_CODE, Oracle Inventory will fill in the corresponding ORGANIZATION\_ID for you.

This is used by the BOM product.

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
PROCESS_REVISION	NULL	VARCHAR2(3)	Routing revision code
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
ECN_INITIATION_DATE	NULL	DATE	ECO initiation date
IMPLEMENTATION_DATE	NULL	DATE	ECO implementation date
IMPLEMENTED_SERIAL_NUMBER	NULL	VARCHAR2(30)	(no longer used)
EFFECTIVITY_DATE	NULL	DATE	Revision effectivity date
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment

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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
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
INVENTORY_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviated organization name
TRANSACTION_ID	NULL	NUMBER	Interface record identifier
PROCESS_FLAG	NULL	NUMBER	Interface record processing status
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Specifies a type of transaction to be performed on the interface record (e.g. CREATE)

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_RTG_ITEM_REVS_INTERFACE_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	PROCESS_REVISION
MTL_RTG_ITEM_REVS_INTERFACE_U1	UNIQUE	1	TRANSACTION_ID

## MTL\_SAFETY\_STOCKS

MTL\_SAFETY\_STOCKS stores the safety stock information for an item that is not an MRP planned item. The SAFETY\_STOCK\_QUANTITY records the safety stock quantity effective from the EFFECTIVITY\_DATE until the next EFFECTIVITY\_DATE. Currently, there are three methods to derive the safety stock quantity. They are mean absolute deviation, user-defined percentage, and manual entry. The former two methods for deriving safety stock quantities are based on the forecast demand of the item. The SAFETY\_STOCK\_CODE represents how the safety stock is derived.

### Foreign Keys

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

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
SAFETY_STOCK_CODE	MTL_SAFETY_STOCK	MFG_LOOKUPS
	1	User-defined quantity
	2	User-defined percentage
	3	Mean absolute deviation (MAD)

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
EFFECTIVITY_DATE (PK)	NOT NULL	DATE	The date on/after which the safety stock is effective
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
SAFETY_STOCK_CODE	NULL	NUMBER	Indicate how the safety stock quantity is derived
SAFETY_STOCK_QUANTITY	NOT NULL	NUMBER	Safety stock quantity for the item effective since the EFFECTIVITY_DATE until the next EFFECTIVITY_DATE
SAFETY_STOCK_PERCENT	NULL	NUMBER	The percentage of the forecast demand when safety stock quantity is derived from the user-defined percentage method.
SERVICE_LEVEL	NULL	NUMBER	The service level from which the safety stock quantity is derived when the safety stock method is mean absolute deviation.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column

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# Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
FORECAST_DESIGNATOR	NULL	VARCHAR2(10)	Indicates from which forecast designator the safety stock is derived

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SAFETY_STOCKS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	EFFECTIVITY_DATE

## 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)*

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

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MTL_SALES_ORDERS_N1	NOT UNIQUE	1	SEGMENT1
MTL_SALES_ORDERS_U1	UNIQUE	1	SALES_ORDER_ID

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
MTL_SALES_ORDERS_S	SALES_ORDER_ID

## MTL\_SEASONALITY\_INDICES

MTL\_SEASONALITY\_INDICES maintains the initial seasonality indices for for each calendar period. There could be 12 or 13 calendar periods in a year. The number of calendar periods in a year depends on if users compile the calendar by the 445 weekly quarter pattern, 544 weekly quarter pattern, 13 period calendar, or regular calendar months.

A seasonality index is an indication of the degree of seasonal variation for a product. An index is an estimate of how much the demand during the season will be above or below the average demand for the product. For example, 0.8 means 80 percent of the average demand for a particular season.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_FORECAST_RULES	FORECAST_RULE_ID	FORECAST_RULE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PERIOD_TYPE_CODE	MTL_PERIOD_TYPES	MFG_LOOKUPS
	1	Daily period
	2	Weekly period
	3	Calendar period

### Column Descriptions

Name	Null?	Type	Description
FORECAST_RULE_ID (PK)	NOT NULL	NUMBER	Identifier for forecast rule
PERIOD_NUM (PK)	NOT NULL	NUMBER	Seasonality period number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
SEASONALITY_INDEX	NOT NULL	NUMBER	Seasonality factor
PERIOD_TYPE_CODE	NULL	NUMBER	Period bucket type

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SEASONALITY_INDICES_U1	UNIQUE	1	FORECAST_RULE_ID
		2	PERIOD_NUM

## MTL\_SECONDARY\_INVENTORIES

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

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

You can also specify whether this subinventory is an expense or asset subinventory (ASSET\_INVENTORY), or whether quantities are tracked (QUANTITY\_TRACKED).

### Foreign Keys

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

### QuickCodes Columns

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

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QuickCodes Columns (Continued)

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

Column Descriptions

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
EXPENSE_ACCOUNT	NULL	NUMBER	Account to expense items issued to subinventory
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Account to encumber items requested by subinventory
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
PREPROCESSING_LEAD_TIME	NULL	NUMBER	Pre-processing lead time
PROCESSING_LEAD_TIME	NULL	NUMBER	Processing lead time
POSTPROCESSING_LEAD_TIME	NULL	NUMBER	Post-processing lead time
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class for the subinventory
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
SUBINVENTORY_USAGE	NULL	NUMBER	Specifies whether costs should be collected for this subinventory in project manufacturing environment
NOTIFY_LIST_ID	NULL	NUMBER	ID of Notify List
PICK_UOM_CODE	NULL	VARCHAR2(3)	
DEPRECIABLE_FLAG	NULL	NUMBER	Flag indicating if the sub inventory is depreciable
LOCATION_ID	NULL	NUMBER(15)	Location identifier
DEFAULT_COST_GROUP_ID	NULL	NUMBER	Default cost group id - Used by WMS only
STATUS_ID	NULL	NUMBER	Status Identifier - Used by WMS only
DEFAULT_LOC_STATUS_ID	NULL	NUMBER	Default status ID for locators - Used by WMS only
LPN_CONTROLLED_FLAG	NULL	NUMBER	
PICK_METHODODOLOGY	NULL	NUMBER	
CARTONIZATION_FLAG	NULL	NUMBER(30)	

Indexes

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

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#### *Database Triggers*

Trigger Name : AX\_MTL\_SEC\_INVENTORY\_ARDI1  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, DELETE

This trigger captures information needed to create subledger accounting events when Oracle Inventory and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger synchronizes the table MTL\_SECONDARY\_INVENTORIES and AX\_SECONDARY\_INVENTORIES. It ensure that a subinventory exists for every inventory organizations in AX\_SECONDARY\_INVENTORIES.

## MTL\_SECONDARY\_LOCATORS

MTL\_SECONDARY\_LOCATORS stores all locators within a subinventory for a specific item.

These locators make up the valid list of locators when transacting that specific item to/from the subinventory, and the user has specified (in the Master Item window) that the item must use locators restricted to a pre-defined list.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	SECONDARY_LOCATOR ORGANIZATION_ID
MTL_ITEM_SUB_INVENTORIES	INVENTORY_ITEM_ID ORGANIZATION_ID SECONDARY_INVENTORY	INVENTORY_ITEM_ID ORGANIZATION_ID SUBINVENTORY_CODE

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
SECONDARY_LOCATOR (PK)	NOT NULL	NUMBER	Locator identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
PRIMARY_LOCATOR_FLAG	NULL	NUMBER	Primary / secondary type code
PICKING_ORDER	NULL	NUMBER	(not currently used)
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory name
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
STATUS_ID	NULL	NUMBER	Status Identifier - Used by WMS only

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SECONDARY_LOCATORS_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	SECONDARY_LOCATOR
MTL_SECONDARY_LOCATORS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	SECONDARY_LOCATOR
		3	ORGANIZATION_ID

## MTL\_SECONDARY\_LOCS\_INTERFACE

MTL\_SECONDARY\_LOCS\_INTERFACE temporarily stores all locators within a subinventory for a specific item before loading this information into Oracle Inventory. Each subinventory is allowed one primary locator. A primary locator is used as a default locator in the transaction system.

This table contains user-friendly columns which allow you to easily enter your data as well as the corresponding foreign keys. Oracle Inventory will default column values you do not enter, after performing the proper validation. For example, if you enter the ITEM\_NUMBER, Oracle Inventory will fill in the corresponding INVENTORY\_ITEM\_ID for you.

This table is not currently used.

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
SECONDARY_LOCATOR	NULL	NUMBER	Locator name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
PRIMARY_LOCATOR_FLAG	NULL	NUMBER	Primary / secondary type code
PICKING_ORDER	NULL	NUMBER	(not currently used)
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory name
REQUEST_ID	NULL	NUMBER	Concurrent who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent who column
PROGRAM_ID	NULL	NUMBER	Concurrent who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent who column
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation of organization name

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*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
LOCATION_NAME	NULL	VARCHAR2(81)	Concatenated locator segments
STATUS_ID	NULL	NUMBER	Status Identifier - Used by WMS only

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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	CURRENT_LOCATOR_ID
	ORGANIZATION_ID	CURRENT_ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION	REVISION
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_ID	CURRENT_ORGANIZATION_ID
MTL_LOT_NUMBERS	LOT_NUMBER	LOT_NUMBER
	ORGANIZATION_ID	CURRENT_ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
MTL_MATERIAL_STATUSES_B	STATUS_ID	STATUS_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	LAST_TRANSACTION_ID
MTL_PARAMETERS	ORGANIZATION_ID	CURRENT_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	CURRENT_SUBINVENTORY_CODE
	ORGANIZATION_ID	CURRENT_ORGANIZATION_ID
MTL_SERIAL_NUMBERS	INVENTORY_ITEM_ID	PARENT_ITEM_ID
	SERIAL_NUMBER	PARENT_SERIAL_NUMBER
	CURRENT_ORGANIZATION_ID	CURRENT_ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_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	INVENTORY_ITEM_ID
	SERIAL_NUMBER	SERIAL_NUMBER
	NEW_UNIT_NUMBER	END_ITEM_UNIT_NUMBER
PO_VENDORS	VENDOR_ID	ORIGINAL_UNIT_VENDOR_ID
WIP_ENTITIES	WIP_ENTITY_ID	ORIGINAL_WIP_ENTITY_ID
WMS_LICENSE_PLATE_NUMBERS	LPN_ID	LPN_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CURRENT_STATUS	SERIAL_NUM_STATUS	MFG_LOOKUPS
	1	Defined but not used
	3	Resides in stores
	4	Issued out of stores
	5	Resides in intransit
LAST_TRANSACTION_ID	MTL_DISPOSITION	MFG_LOOKUPS

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	1	Purchase order
	2	Sales order
	3	Account number
	4	Job or schedule
	5	Job or schedule
	6	Account alias

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
SERIAL_NUMBER (PK)	NOT NULL	VARCHAR2(30)	Serial number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
INITIALIZATION_DATE	NOT NULL	DATE	Unit initialization date
COMPLETION_DATE	NULL	DATE	Unit completion date
SHIP_DATE	NULL	DATE	Unit ship date
CURRENT_STATUS	NULL	NUMBER	Current status
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
FIXED_ASSET_TAG	NULL	VARCHAR2(10)	Unit fixed asset tag number
RESERVED_ORDER_ID	NULL	NUMBER	Scheduled sales order reservation
PARENT_ITEM_ID	NULL	NUMBER	Component parent part number
PARENT_SERIAL_NUMBER	NULL	VARCHAR2(30)	Component parent serial number
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	
ORIGINAL_WIP_ENTITY_ID	NULL	NUMBER	Original WIP entity id
ORIGINAL_UNIT_VENDOR_ID	NULL	NUMBER	Original unit supplier code
VENDOR_SERIAL_NUMBER	NULL	VARCHAR2(30)	Supplier serial number
VENDOR_LOT_NUMBER	NULL	VARCHAR2(30)	Supplier lot number
LAST_TXN_SOURCE_TYPE_ID	NULL	NUMBER	Last transaction source type identifier
LAST_TRANSACTION_ID	NULL	NUMBER	Last transaction identifier
LAST_RECEIPT_ISSUE_TYPE	NULL	NUMBER	Last transaction type
LAST_TXN_SOURCE_NAME	NULL	VARCHAR2(30)	Last transaction source name
LAST_TXN_SOURCE_ID	NULL	NUMBER	Last transaction source identifier
DESCRIPTIVE_TEXT	NULL	VARCHAR2(240)	Unit descriptive text
CURRENT_SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Current subinventory name
CURRENT_LOCATOR_ID	NULL	NUMBER	Current location identifier
CURRENT_ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization where the serial number is currently stored
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
GROUP_MARK_ID	NULL	NUMBER	Group identifier (used by Oracle Inventory for ensuring that serial numbers used by one user's session do not become available incorrectly to another user)
LINE_MARK_ID	NULL	NUMBER	Used by Oracle Inventory for ensuring that serial numbers used by one user's session do not become available incorrectly to another user. The column is used by Oracle Inventory's serialnumber marking and unmarking routines
LOT_LINE_MARK_ID	NULL	NUMBER	Identifier used in serial number marking and unmarking routines
GEN_OBJECT_ID	NOT NULL	NUMBER	Genealogy object identifier
SERIAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column - Usedby WMS only
TERRITORY_CODE	NULL	VARCHAR2(30)	Territory code for Country of Origin-- Usedby WMS only
ORIGINATION_DATE	NULL	DATE	Creation Date of the serial number such as manufacture date. - Used by WMS only
C_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used by WMS only

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Column Descriptions (Continued)

Name	Null?	Type	Description
C_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used by WMS only
C_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used by WMS only
C_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used by WMS only
C_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used by WMS only
C_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used by WMS only
C_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used by WMS only
C_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used by WMS only
C_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used by WMS only
D_ATTRIBUTE1	NULL	DATE	Descriptive flexfield segment- Used by WMS only
D_ATTRIBUTE2	NULL	DATE	Descriptive flexfield segment- Used by WMS only
D_ATTRIBUTE3	NULL	DATE	Descriptive flexfield segment- Used by WMS only
D_ATTRIBUTE4	NULL	DATE	Descriptive flexfield segment- Used by WMS only
D_ATTRIBUTE5	NULL	DATE	Descriptive flexfield segment- Used by WMS only
D_ATTRIBUTE6	NULL	DATE	Descriptive flexfield segment- Used by WMS only
D_ATTRIBUTE7	NULL	DATE	Descriptive flexfield segment- Used by WMS only
D_ATTRIBUTE8	NULL	DATE	Descriptive flexfield segment- Used by WMS only
D_ATTRIBUTE9	NULL	DATE	Descriptive flexfield segment- Used by WMS only
D_ATTRIBUTE10	NULL	DATE	Descriptive flexfield segment- Used by WMS only
N_ATTRIBUTE1	NULL	NUMBER	Descriptive flexfield segment- Used by WMS only
N_ATTRIBUTE2	NULL	NUMBER	Descriptive flexfield segment- Used by WMS only
N_ATTRIBUTE3	NULL	NUMBER	Descriptive flexfield segment- Used by WMS only
N_ATTRIBUTE4	NULL	NUMBER	Descriptive flexfield segment- Used by WMS only
N_ATTRIBUTE5	NULL	NUMBER	Descriptive flexfield segment- Used by WMS only
N_ATTRIBUTE6	NULL	NUMBER	Descriptive flexfield segment- Used by WMS only
N_ATTRIBUTE7	NULL	NUMBER	Descriptive flexfield segment- Used by WMS only
N_ATTRIBUTE8	NULL	NUMBER	Descriptive flexfield segment- Used by WMS only
N_ATTRIBUTE9	NULL	NUMBER	Descriptive flexfield segment- Used by WMS only
N_ATTRIBUTE10	NULL	NUMBER	Descriptive flexfield segment- Used by WMS only
STATUS_ID	NULL	NUMBER	Status identifier - Used by WMS only
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifie - Used by WMS only

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Column Descriptions (Continued)

Name	Null?	Type	Description
TIME_SINCE_NEW	NULL	NUMBER	Time since new for MRO industry - Used by WMS only
CYCLES_SINCE_NEW	NULL	NUMBER	Cycles since new for MRO industry - Used by WMS only
TIME_SINCE_OVERHAUL	NULL	NUMBER	Time Since overhaul for MRO industry - Used by WMS only
CYCLES_SINCE_OVERHAUL	NULL	NUMBER	Cycles since overhaul for MRO industry - Used by WMS only
TIME_SINCE_REPAIR	NULL	NUMBER	Time Since repair for MRO industry - Used by WMS only
CYCLES_SINCE_REPAIR	NULL	NUMBER	Cycles Since repair for MRO industry - Used by WMS only
TIME_SINCE_VISIT	NULL	NUMBER	Time since Visit for MRO industry - Used by WMS only
CYCLES_SINCE_VISIT	NULL	NUMBER	Cycles Since Visit for MRO industry - Used by WMS only
TIME_SINCE_MARK	NULL	NUMBER	Time since Mark for MRO industry - Used by WMS only
CYCLES_SINCE_MARK	NULL	NUMBER	Cycles Since Mark for MRO industry - Used by WMS only
NUMBER_OF_REPAIRS	NULL	NUMBER	Number of repairs for MRO industry - Used by WMS only
LPN_ID	NULL	NUMBER	License Plate Number Identifier of the item - Used by WMS only
INSPECTION_STATUS	NULL	NUMBER	Status after Inspection of the Serial Number - Usedby WMS only
PREVIOUS_STATUS	NULL	NUMBER	Previous Status - Usedby WMS only
LPN_TXN_ERROR_FLAG	NULL	VARCHAR2(1)	Error flag for LPN Transaction -- Usedby WMS only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SERIAL_NUMBERS_N1	NOT UNIQUE	1	CURRENT_ORGANIZATION_ID
		2	CURRENT_SUBINVENTORY_CODE
		3	CURRENT_LOCATOR_ID
MTL_SERIAL_NUMBERS_N2	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	CURRENT_STATUS
MTL_SERIAL_NUMBERS_N3	NOT UNIQUE	1	ORIGINAL_UNIT_VENDOR_ID
		2	VENDOR_SERIAL_NUMBER
MTL_SERIAL_NUMBERS_N4	NOT UNIQUE	1	CURRENT_ORGANIZATION_ID
		2	SERIAL_NUMBER
		3	INVENTORY_ITEM_ID
MTL_SERIAL_NUMBERS_N5	NOT UNIQUE	1	GROUP_MARK_ID
		2	LINE_MARK_ID
		3	LOT_LINE_MARK_ID
MTL_SERIAL_NUMBERS_N6	NOT UNIQUE	1	CURRENT_ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		4	CURRENT_SUBINVENTORY_CODE
		6	CURRENT_STATUS
MTL_SERIAL_NUMBERS_N7	NOT UNIQUE	5	LPN_ID
MTL_SERIAL_NUMBERS_U1	UNIQUE	1	SERIAL_NUMBER
		2	INVENTORY_ITEM_ID
MTL_SERIAL_NUMBERS_U2	UNIQUE	5	GEN_OBJECT_ID

Sequences

Sequence	Derived Column
MTL_GEN_OBJECT_ID_S	GEN_OBJECT_ID

# MTL\_SERIAL\_NUMBERS\_INTERFACE

MTL\_SERIAL\_NUMBERS\_INTERFACE is the interface analogy of  
MTL\_SERIAL\_NUMBERS\_TEMP.

## QuickCodes Columns

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

## Column Descriptions

Name	Null?	Type	Description
TRANSACTION_INTERFACE_ID (PK)	NOT NULL	NUMBER	Joins to MTL_TRANSACTION_LOTS_INTERFACE OR MTL_TRANSACTIONS_INTERFACE
SOURCE_CODE	NULL	VARCHAR2(30)	Source identifier
SOURCE_LINE_ID	NULL	NUMBER	Source line identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent who column
PROGRAM_ID	NULL	NUMBER	Concurrent who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent who column
VENDOR_SERIAL_NUMBER	NULL	VARCHAR2(30)	Supplier serial number
VENDOR_LOT_NUMBER	NULL	VARCHAR2(30)	Supplier lot number
FM_SERIAL_NUMBER	NULL	VARCHAR2(30)	Single serial number or beginning serial number in range
TO_SERIAL_NUMBER	NULL	VARCHAR2(30)	Ending serial number in a range
ERROR_CODE	NULL	VARCHAR2(240)	Error code
PROCESS_FLAG	NULL	NUMBER	Row process flag (not currently used)
PARENT_SERIAL_NUMBER	NULL	VARCHAR2(30)	Parent serial number
SERIAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Structure Defining column for Serial Attributes flex field - Used by WMS only
TERRITORY_CODE	NULL	VARCHAR2(30)	Territory code for Country of Origin - Used by WMS only
ORIGINATION_DATE	NULL	DATE	Creation Date of the serial number such as manufacture date. - Used by WMS only
C_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only

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Column Descriptions (Continued)

Name	Null?	Type	Description
C_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
C_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment - Used by WMS only
D_ATTRIBUTE1	NULL	DATE	Descriptive flexfield segment - Used by WMS only
D_ATTRIBUTE2	NULL	DATE	Descriptive flexfield segment - Used by WMS only
D_ATTRIBUTE3	NULL	DATE	Descriptive flexfield segment - Used by WMS only
D_ATTRIBUTE4	NULL	DATE	Descriptive flexfield segment - Used by WMS only
D_ATTRIBUTE5	NULL	DATE	Descriptive flexfield segment - Used by WMS only
D_ATTRIBUTE6	NULL	DATE	Descriptive flexfield segment - Used by WMS only
D_ATTRIBUTE7	NULL	DATE	Descriptive flexfield segment - Used by WMS only
D_ATTRIBUTE8	NULL	DATE	Descriptive flexfield segment - Used by WMS only
D_ATTRIBUTE9	NULL	DATE	Descriptive flexfield segment - Used by WMS only
D_ATTRIBUTE10	NULL	DATE	Descriptive flexfield segment - Used by WMS only
N_ATTRIBUTE1	NULL	NUMBER	Descriptive flexfield segment - Used by WMS only
N_ATTRIBUTE2	NULL	NUMBER	Descriptive flexfield segment - Used by WMS only
N_ATTRIBUTE3	NULL	NUMBER	Descriptive flexfield segment - Used by WMS only
N_ATTRIBUTE4	NULL	NUMBER	Descriptive flexfield segment - Used by WMS only

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Column Descriptions (Continued)

Name	Null?	Type	Description
N_ATTRIBUTE5	NULL	NUMBER	Descriptive flexfield segment - Used by WMS only
N_ATTRIBUTE6	NULL	NUMBER	Descriptive flexfield segment - Used by WMS only
N_ATTRIBUTE7	NULL	NUMBER	Descriptive flexfield segment - Used by WMS only
N_ATTRIBUTE8	NULL	NUMBER	Descriptive flexfield segment - Used by WMS only
N_ATTRIBUTE9	NULL	NUMBER	Descriptive flexfield segment - Used by WMS only
N_ATTRIBUTE10	NULL	NUMBER	Descriptive flexfield segment - Used by WMS only
STATUS_ID	NULL	NUMBER	Status identifier - Used by WMS only
TIME_SINCE_NEW	NULL	NUMBER	Time since new for MRO industry - Used by WMS only
CYCLES_SINCE_NEW	NULL	NUMBER	Cycles since new for MRO industry - Used by WMS only
TIME_SINCE_OVERHAUL	NULL	NUMBER	Time Since overhaul for MRO industry - Used by WMS only
CYCLES_SINCE_OVERHAUL	NULL	NUMBER	Cycles since overhaul for MRO industry - Used by WMS only
TIME_SINCE_REPAIR	NULL	NUMBER	Time Since repair for MRO industry - Used by WMS only
CYCLES_SINCE_REPAIR	NULL	NUMBER	Cycles Since repair for MRO industry - Used by WMS only
TIME_SINCE_VISIT	NULL	NUMBER	Time since Visit for MRO industry - Used by WMS only
CYCLES_SINCE_VISIT	NULL	NUMBER	Cycles since visit for MRO industry - Used by WMS only
TIME_SINCE_MARK	NULL	NUMBER	Time since the serial Number is marked for MRO Industry - Used by WMS only
CYCLES_SINCE_MARK	NULL	NUMBER	Number of Cycles since the serial Number is marked, for MRO Industry - Used by WMS only
NUMBER_OF_REPAIRS	NULL	NUMBER	Number of repairs for MRO industry - Used by WMS only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SERIAL_NUMBERS_INTRFACE_N1	NOT UNIQUE	1	TRANSACTION_INTERFACE_ID

## 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		NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
VENDOR_SERIAL_NUMBER	NULL	VARCHAR2(30)	Vendor Serial Number
VENDOR_LOT_NUMBER	NULL	VARCHAR2(30)	Vednor Lot Number
FM_SERIAL_NUMBER	NULL	VARCHAR2(30)	From' serial number
TO_SERIAL_NUMBER	NULL	VARCHAR2(30)	'To' serial number
SERIAL_PREFIX	NULL	VARCHAR2(30)	Number of serial numbers in range
ERROR_CODE	NULL	VARCHAR2(30)	Serial number transaction error code
PARENT_SERIAL_NUMBER	NULL	VARCHAR2(30)	Parent serial number
GROUP_HEADER_ID	NULL	NUMBER	Group identifier used in serial number marking and unmarking routines
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	
SERIAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column - Usedby WMS only
TERRITORY_CODE	NULL	VARCHAR2(30)	Territory code for Country of Origin-- Usedby WMS only

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORIGINATION_DATE	NULL	DATE	Creation Date of the serial number such as manufacture date. - Used by WMS only
C_ATTRIBUTE1	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE2	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE3	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE4	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE5	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE6	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE7	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE8	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE9	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE10	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE11	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE12	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE13	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE14	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE15	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE16	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE17	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE18	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE19	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
C_ATTRIBUTE20	NULL	VARCHAR2(30)	Descriptive flexfield segment-Used by WMS only
D_ATTRIBUTE1	NULL	DATE	Descriptive flexfield segment-Used by WMS only
D_ATTRIBUTE2	NULL	DATE	Descriptive flexfield segment-Used by WMS only
D_ATTRIBUTE3	NULL	DATE	Descriptive flexfield segment-Used by WMS only
D_ATTRIBUTE4	NULL	DATE	Descriptive flexfield segment-Used by WMS only
D_ATTRIBUTE5	NULL	DATE	Descriptive flexfield segment-Used by WMS only
D_ATTRIBUTE6	NULL	DATE	Descriptive flexfield segment-Used by WMS only
D_ATTRIBUTE7	NULL	DATE	Descriptive flexfield segment-Used by WMS only
D_ATTRIBUTE8	NULL	DATE	Descriptive flexfield segment-Used by WMS only
D_ATTRIBUTE9	NULL	DATE	Descriptive flexfield segment-Used by WMS only

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Column Descriptions (Continued)

Name	Null?	Type	Description
D_ATTRIBUTE10	NULL	DATE	Descriptive flexfield segment-Used by WMS only
N_ATTRIBUTE1	NULL	NUMBER(30)	Descriptive flexfield segment-Used by WMS only
N_ATTRIBUTE2	NULL	NUMBER(30)	Descriptive flexfield segment-Used by WMS only
N_ATTRIBUTE3	NULL	NUMBER(30)	Descriptive flexfield segment-Used by WMS only
N_ATTRIBUTE4	NULL	NUMBER(30)	Descriptive flexfield segment-Used by WMS only
N_ATTRIBUTE5	NULL	NUMBER(30)	Descriptive flexfield segment-Used by WMS only
N_ATTRIBUTE6	NULL	NUMBER(30)	Descriptive flexfield segment-Used by WMS only
N_ATTRIBUTE7	NULL	NUMBER(30)	Descriptive flexfield segment-Used by WMS only
N_ATTRIBUTE8	NULL	NUMBER(30)	Descriptive flexfield segment-Used by WMS only
N_ATTRIBUTE9	NULL	NUMBER(30)	Descriptive flexfield segment-Used by WMS only
N_ATTRIBUTE10	NULL	NUMBER(30)	Descriptive flexfield segment-Used by WMS only
STATUS_ID	NULL	NUMBER(30)	Status Identifier - Used by WMS only
TIME_SINCE_NEW	NULL	NUMBER	Time Since New - Used by WMS only
CYCLES_SINCE_NEW	NULL	NUMBER	Cycles Since New - Used by WMS only
TIME_SINCE_OVERHAUL	NULL	NUMBER	Time Since Overhaul - Used by WMS only
CYCLES_SINCE_OVERHAUL	NULL	NUMBER	Cycles Since OverHaul - Used by WMS only
TIME_SINCE_REPAIR	NULL	NUMBER	Time Since Repair - Used by WMS only
CYCLES_SINCE_REPAIR	NULL	NUMBER	Cycles Since Repair - Used by WMS only
TIME_SINCE_VISIT	NULL	NUMBER	Time since last visit - Used by WMS only
CYCLES_SINCE_VISIT	NULL	NUMBER	Cycled Since last visit - Used by WMS only
TIME_SINCE_MARK	NULL	NUMBER	Time since last Mark - Used by WMS only
CYCLES_SINCE_MARK	NULL	NUMBER	Cycles since mark - Used by WMS only
NUMBER_OF_REPAIRS	NULL	NUMBER	Total Number of repairs - Used by WMS only

Indexes

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

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## MTL\_SHORT\_CHK\_PARAM

MTL\_SHORT\_CHK\_PARAM holds the material shortage message parameters for each Inventory organization. These parameters are populated from the Shortage Parameters form.

### Foreign Keys

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

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CHECK_OE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CHECK_WIP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
OE_NOTIF_ITEM_PLANNER_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
OE_NOTIF_SO_CREATOR_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_CURR_OP_JOBS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_CURR_OP_REP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_EXCL_BULK_COMP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_EXCL_PULL_COMP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_EXCL_SUPPLIER_COMP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_HOLD_JOBS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_HOLD_REP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_NOTIF_ASS_PLANNER_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_NOTIF_COMP_BUYER_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes

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*QuickCodes Columns (Continued)*

Column	QuickCodes Type	QuickCodes Table
	2	No
WIP_NOTIF_COMP_PLANNER_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_NOTIF_JOB_CREATOR_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_PREV_OP_JOBS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_PREV_OP_REP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_REL_JOBS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_REL_REP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_REQ_DATE_JOBS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_REQ_DATE_REP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_UNREL_JOBS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_UNREL_REP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

*Column Descriptions*

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
CHECK_WIP_FLAG	NULL	NUMBER	Flag for specifying whether demand from WIP jobs and schedules should be considered when determining material shortages
CHECK_OE_FLAG	NULL	NUMBER	Flag for specifying whether demand from backorders should be considered when determining material shortages
WIP_REL_JOBS_FLAG	NULL	NUMBER	Flag indicating that released WIP jobs should be considered as demand when determining material shortages
WIP_DAYS_OVERDUE_REL_JOBS	NULL	NUMBER	Number of days overdue that a released job must be before it is considered demand

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Column Descriptions (Continued)

Name	Null?	Type	Description
WIP_UNREL_JOBS_FLAG	NULL	NUMBER	Flag indicating that unreleased WIP jobs should be considered as demand when determining material shortages
WIP_DAYS_OVERDUE_UNREL_JOBS	NULL	NUMBER	Number of days overdue that an unreleased job must be before it is considered demand
WIP_HOLD_JOBS_FLAG	NULL	NUMBER	Flag indicating whether WIP jobs which are on hold should be considered as demand when determining material shortages
WIP_REL_REP_FLAG	NULL	NUMBER	Flag indicating that released WIP schedules should be considered as demand when determining material shortages
WIP_DAYS_OVERDUE_REL_REP	NULL	NUMBER	Number of days overdue that a released schedule must be before it is considered demand
WIP_UNREL_REP_FLAG	NULL	NUMBER	Flag indicating that unreleased WIP schedules should be considered as demand when determining material shortages
WIP_DAYS_OVERDUE_UNREL_REP	NULL	NUMBER	Number of days overdue that an unreleased schedule must be before it is considered demand
WIP_HOLD_REP_FLAG	NULL	NUMBER	Flag indicating whether WIP schedules which are on hold should be considered as demand when determining material shortages
WIP_REQ_DATE_JOBS_FLAG	NULL	NUMBER	Flag indicating that a WIP job is considered overdue if its required date has passed
WIP_CURR_OP_JOBS_FLAG	NULL	NUMBER	Flag indicating that a WIP job is considered overdue if its currently assigned operation is due
WIP_PREV_OP_JOBS_FLAG	NULL	NUMBER	Flag indicating that a WIP job is considered overdue if the operation before its currently assigned operation is due
WIP_REQ_DATE_REP_FLAG	NULL	NUMBER	Flag indicating that a WIP schedule is considered overdue if its required date has passed
WIP_CURR_OP_REP_FLAG	NULL	NUMBER	Flag indicating that a WIP schedule is considered overdue if its currently assigned operation is due
WIP_PREV_OP_REP_FLAG	NULL	NUMBER	Flag indicating that a WIP schedule is considered overdue if the operation before its currently assigned operation is due
WIP_EXCL_BULK_COMP_FLAG	NULL	NUMBER	Flag indicating whether bulk components for WIP jobs and schedules should be excluded when determining material shortages
WIP_EXCL_SUPPLIER_COMP_FLAG	NULL	NUMBER	Flag indicating whether supplier components for WIP jobs and schedules should be excluded when determining material shortages



Column Descriptions (Continued)

Name	Null?	Type	Description
WIP_EXCL_PULL_COMP_FLAG	NULL	NUMBER	Flag indicating whether supplier pull and operation pull components for WIP jobs and schedules should be excluded when determining material shortages
WIP_NOTIF_COMP_PLANNER_FLAG	NULL	NUMBER	Flag indicating whether the component planner for a short item should be notified if a receipt is performed for that item
WIP_NOTIF_ASS_PLANNER_FLAG	NULL	NUMBER	Flag indicating whether the assembly planner for a short item should be notified if a receipt is performed for that item
WIP_NOTIF_COMP_BUYER_FLAG	NULL	NUMBER	Flag indicating whether the component buyer for a short item should be notified if a receipt is performed for that item
WIP_NOTIF_JOB_CREATOR_FLAG	NULL	NUMBER	Flag indicating whether the job creator for a WIP job which has short items should be notified if a receipt is performed for one of the short items
OE_NOTIF_ITEM_PLANNER_FLAG	NULL	NUMBER	Flag indicating whether the item planner for an item which is on a backordered sales order should be notified if a receipt is performed for the item
OE_NOTIF_SO_CREATOR_FLAG	NULL	NUMBER	Flag indicating whether the order creator of a backordered sales order should be notified if a receipt is performed for a backordered item
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
WIP_NOTIFY_LIST	NULL	VARCHAR2(10)	Not currently used
WIP_NOTIFY_LIST_ID	NULL	NUMBER	Not currently used
OE_NOTIFY_LIST	NULL	VARCHAR2(10)	Not currently used

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Column Descriptions (Continued)

Name	Null?	Type	Description
OE_NOTIFY_LIST_ID	NULL	NUMBER	Not currently used

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SHORT_CHK_PARAM_U1	UNIQUE	1	ORGANIZATION_ID

## MTL\_SHORT\_CHK\_STATEMENTS

The MTL\_SHORT\_CHK\_STATEMENTS table holds pre-generated SQL statements that are run when performing shortage checks for an organization. Each organization which has the Active Alerts and Notification Messages functionality enabled will have a summary and detail SQL statement stored in this table. The SQL statements are generated based on the shortage parameters which have been set up for the organization.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
DETAIL_SUM_FLAG	NOT NULL	NUMBER	Flag indicating that record contains detailed or summary statement
SHORT_STATEMENT	NOT NULL	LONG	SQL statement to use for shortage checks
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SHORT_CHK_STATEMENTS_U1	UNIQUE	1	ORGANIZATION_ID
		2	DETAIL_SUM_FLAG

## MTL\_SHORT\_CHK\_TEMP

The MTL\_SHORT\_CHK\_TEMP table is used to store the temporary results of material shortage queries. Each set of results is identified by a unique SEQ\_NUM number. When the query results are no longer needed, the rows for that sequence number are purged from the table.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
SEQ_NUM (PK)	NOT NULL	NUMBER	Sequence number
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
QUANTITY_OPEN	NOT NULL	NUMBER	Open demand for item
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure for quantity
OBJECT_TYPE (PK)	NOT NULL	NUMBER	Type of demand
OBJECT_ID (PK)	NOT NULL	NUMBER	Demand source's header identifier
OBJECT_DETAIL_ID (PK)	NOT NULL	NUMBER	Demand source's line identifier (if applicable)
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SHORT_CHK_TEMP_N1	NOT UNIQUE	1	SEQ_NUM
MTL_SHORT_CHK_TEMP_N2	NOT UNIQUE	1	ORGANIZATION_ID
MTL_SHORT_CHK_TEMP_U1	UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	OBJECT_TYPE
		4	OBJECT_ID
		5	OBJECT_DETAIL_ID
		6	SEQ_NUM

# MTL\_SO\_RMA\_INTERFACE

THIS TABLE IS OBSOLETE WITH THE NEW ORDER MANAGEMENT SYSTEM. IT IS USED ONLY FOR DATA MIGRATION FROM THIS TABLE TO THE NEW ORDER MANAGEMENT SYSTEM.

MTL\_SO\_RMA\_INTERFACE is the interface table between Oracle Order Entry/Shipping and Oracle Inventory. When a customer decides to return some purchased items back to the supplier, a Return Material Authorization (RMA) is created in Order Entry. The RMA data is transferred from Order Entry to the interface table by a program which is run periodically. The data in this table is utilized by Oracle Inventory.

Three quantity related columns namely QUANTITY, RECEIVED\_QUANTITY, DELIVERED\_QUANTITY will at any time give you the total RMA quantity, total quantity received, and total units delivered into stores respectively. The INSPECTION\_REQUIRED\_FLAG determines whether the returned material requires to go through inspection. SALES\_ORDER\_ID is derived at the time of first receipt in Inventory.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
RMA_INTERFACE_ID (PK)	NOT NULL	NUMBER	RMA interface identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column

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# Column Descriptions (Continued)

Name	Null?	Type	Description
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
RMA_ID	NOT NULL	NUMBER	RMA identifier
RMA_LINE_ID	NOT NULL	NUMBER	RMA line identifier
RMA_NUMBER	NOT NULL	NUMBER	RMA number
RMA_LINE_NUMBER	NOT NULL	NUMBER	Number for RMA lines
COMPONENT_SEQUENCE_ID	NOT NULL	NUMBER	Component unique identifier
RMA_TYPE	NOT NULL	VARCHAR2(30)	RMA type
SOURCE_CODE	NOT NULL	VARCHAR2(30)	Source code
SALES_ORDER_ID	NULL	NUMBER	Sales order identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
RETURN_TYPE_CODE	NULL	VARCHAR2(30)	Code identifying type of return
QUANTITY	NOT NULL	NUMBER	RMA line quantity
RECEIVED_QUANTITY	NOT NULL	NUMBER	Total quantity received -- into inventory or inspection
DELIVERED_QUANTITY	NOT NULL	NUMBER	Total quantity received into inventory
DISTRIBUTION_ACCOUNT_ID	NULL	NUMBER	Distribution account identifier
UNIT_CODE	NOT NULL	VARCHAR2(3)	Item unit of measure
INSPECTION_REQUIRED_FLAG	NULL	VARCHAR2(1)	Inspection required flag
EXPECTED_RECEIPT_DATE	NULL	DATE	Expected receipt date
EXPECTED_SUBINVENTORY_NAME	NULL	VARCHAR2(10)	Subinventory to receive into
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number for RMA item
INSPECTION_INSTRUCTIONS	NULL	VARCHAR2(240)	Inspection instructions
IN_USE_FLAG	NULL	VARCHAR2(1)	RMA line in-use flag
SERIAL_NUMBER_FLAG	NULL	VARCHAR2(1)	Serial number flag
CLOSED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether the RMA is closed
REQUIRED_FOR_REVENUE_FLAG	NULL	VARCHAR2(1)	Required for revenue flag.

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SO_RMA_INTERFACE_N1	NOT UNIQUE	1	RMA_LINE_ID
MTL_SO_RMA_INTERFACE_N2	NOT UNIQUE	1	RMA_ID

## Sequences

Sequence	Derived Column
MTL_SO_RMA_INTERFACE_S	RMA_INTERFACE_ID

## MTL\_SO\_RMA\_RECEIPTS

THIS TABLE IS OBSOLETE WITH THE NEW ORDER MANAGEMENT SYSTEM. IT IS USED ONLY FOR DATA MIGRATION FROM THIS TABLE TO THE NEW ORDER MANAGEMENT SYSTEM.

MTL\_SO\_RMA\_RECEIPTS has a row for each RMA transaction in Inventory. Each row is stamped with a RMA\_RECEIPT\_ID. Two columns (RECEIVED\_QUANTITY and ACCEPTED\_QUANTITY) will give the user the quantity movement information. Every receipt into inspection will have a positive quantity in RECEIVED\_QUANTITY. A direct delivery into stores will have a positive quantity in RECEIVED\_QUANTITY and ACCEPTED\_QUANTITY. The movement of material from inspection to stores will have a positive quantity in ACCEPTED\_QUANTITY. A return from inspection will have a negative value in RECEIVED\_QUANTITY and a direct return from stores will have negative value in both RECEIVED\_QUANTITY and ACCEPTED\_QUANTITY. Oracle Order Entry/Shipping has a program which periodically picks up data from this table and updates their RMA tables.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
RMA_RECEIPT_ID (PK)	NOT NULL	NUMBER	RMA receipt identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
RMA_INTERFACE_ID	NOT NULL	NUMBER	RMA interface identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
RECEIVED_QUANTITY	NOT NULL	NUMBER	Total quantity received -- into inventory or inspection
ACCEPTED_QUANTITY	NOT NULL	NUMBER	Total quantity received into inventory
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number for RMA item
UNIT_CODE	NOT NULL	VARCHAR2(3)	Item unit of measure
RECEIPT_DATE	NOT NULL	DATE	Receipt date
RETURN_SUBINVENTORY_NAME	NULL	VARCHAR2(10)	Name of return subinventory
INSPECTION_COMMENTS	NULL	VARCHAR2(240)	Inspection comments
CLOSED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether the RMA is closed

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SO_RMA_RECEIPTS_N1	NOT UNIQUE	1	RMA_INTERFACE_ID
MTL_SO_RMA_RECEIPTS_U1	UNIQUE	1	RMA_RECEIPT_ID



## MTL\_STATUS\_ATTRIBUTE\_VALUES

MTL\_STATUS\_ATTRIBUTE\_VALUES stores the attributes values associated with an item status code. One record is created for each of the 'function enabling' attributes for each item status code that is defined. The function enabling attributes are: – Stockable – Transactable – Purchasable – Customer Order Enabled – Internal Order Enabled – Invoiceable – Build in WIP

The values stored in this table may be used to update item attribute values when the item's status attribute is changed.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_ATTRIBUTES	ATTRIBUTE_NAME	ATTRIBUTE_NAME
MTL_ITEM_STATUS	INVENTORY_ITEM_STATUS_CODE	INVENTORY_ITEM_STATUS_CODE

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_STATUS_CODE (PK)	NOT NULL	VARCHAR2(10)	Item status code
ATTRIBUTE_NAME (PK)	NOT NULL	VARCHAR2(50)	Status attribute name
ATTRIBUTE_VALUE	NOT NULL	VARCHAR2(1)	Status attribute value
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_STATUS_ATTRIBUTE_VALUES_U1	UNIQUE	1	INVENTORY_ITEM_STATUS_CODE
		2	ATTRIBUTE_NAME

## MTL\_STATUS\_TRANSACTION\_CONTROL

MTL\_STATUS\_TRANSACTION\_CONTROL stores the information on whether the status allows the transaction type or not.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MATERIAL_STATUSES_B	STATUS_ID	STATUS_ID
MTL_TRANSACTION_TYPES	TRANSACTION_TYPE_ID	TRANSACTION_TYPE_ID

### Column Descriptions

Name	Null?	Type	Description
STATUS_ID (PK)	NOT NULL	NUMBER	Status identifier
TRANSACTION_TYPE_ID (PK)	NOT NULL	NUMBER	Transaction type identifier
IS_ALLOWED	NOT NULL	NUMBER	indicates if the status allows the transaction type (1) or not (2)
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
PROGRAM_APPLICATION_ID		NUMBER	Concurrent Who column
PROGRAM_ID		NUMBER	Concurrent Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_STATUS_TRANSACT_CONTROL_U1	UNIQUE	1	STATUS_ID
		2	TRANSACTION_TYPE_ID

## MTL\_STAT\_TYPE\_USAGES

MTL\_STAT\_TYPE\_USAGES stores information which determines the statistical type data that needs to be reported for each legal entity (I.E. Intrastat or Extrastat). This table could contain multiple statistical types for each legal entity and economic zone.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	LEGAL_ENTITY_ID
MTL_ECONOMIC_ZONES_B	ZONE_CODE	ZONE_CODE
MTL_MVT_STATS_RULE_SETS_B	RULE_SET_CODE	ATTRIBUTE_RULE_SET_CODE
MTL_MVT_STATS_RULE_SETS_B	RULE_SET_CODE	ALT_UOM_RULE_SET_CODE

### Column Descriptions

Name	Null?	Type	Description
LEGAL_ENTITY_ID (PK)	NOT NULL	NUMBER	legal entity identifier
ZONE_CODE (PK)	NOT NULL	VARCHAR2(10)	zone code
STAT_TYPE (PK)	NOT NULL	VARCHAR2(30)	statistic type
USAGE_TYPE (PK)	NOT NULL	VARCHAR2(30)	usage type
CREATION_DATE	NOT NULL	DATE	standard who column
CREATED_BY	NOT NULL	NUMBER(15)	standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	standard who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	last update login
PERIOD_SET_NAME	NOT NULL	VARCHAR2(15)	period set name
START_PERIOD_NAME	NOT NULL	VARCHAR2(15)	start period
END_PERIOD_NAME	NULL	VARCHAR2(15)	end period
PERIOD_TYPE	NOT NULL	VARCHAR2(15)	
WEIGHT_UOM_CODE	NOT NULL	VARCHAR2(3)	weight unit of measure code
ENTITY_BRANCH_REFERENCE	NOT NULL	VARCHAR2(240)	entity branch reference
CONVERSION_TYPE	NOT NULL	VARCHAR2(30)	conversion type
CONVERSION_OPTION	NOT NULL	VARCHAR2(30)	conversion option
CATEGORY_SET_ID	NOT NULL	NUMBER	category set identifier
TAX_OFFICE_CODE	NOT NULL	VARCHAR2(50)	tax office code
TAX_OFFICE_NAME	NOT NULL	VARCHAR2(240)	tax office name
TAX_OFFICE_LOCATION_ID	NOT NULL	NUMBER	tax office location identifier
ATTRIBUTE_RULE_SET_CODE	NOT NULL	VARCHAR2(30)	foreign key to mtl_mvt_stats_rule_sets
ALT_UOM_RULE_SET_CODE	NULL	VARCHAR2(30)	

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_STAT_TYPE_USAGES_U1	UNIQUE	5	LEGAL_ENTITY_ID
		10	ZONE_CODE
		15	STAT_TYPE
		20	USAGE_TYPE

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## MTL\_SUMMARY\_TEMP

MTL\_SUMMARY\_TEMP serves as a temporary table for transaction summaries. Records are inserted into this table by a stored procedure on the server side.

SESSION\_ID is obtained from the session of the user. SUMMARY\_TYPE is used to identify the type of transaction inquiry for a session.

*Column Descriptions*

Name	Null?	Type	Description
SESSION_ID	NULL	NUMBER	SESSION_ID of the user session
SUMMARY_TYPE	NULL	VARCHAR2(40)	Identifier for type of query
SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory name
LOCATOR_ID	NULL	NUMBER	Locator id for stock locators
TRANSACTION_SOURCE_TYPE_NAME	NULL	VARCHAR2(30)	Transaction source type identifier
TRANSACTION_TYPE_NAME	NULL	VARCHAR2(30)	Transaction type identifier
TRANSACTION_ACTION_NAME	NULL	VARCHAR2(80)	Transaction action identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
NET_QTY	NULL	NUMBER	Net quantity of the transactions
NET_VAL	NULL	NUMBER	Net value of the transactions
NUM_TXNS	NULL	NUMBER	Number of transactions
ABS_QTY	NULL	NUMBER	Absolute quantity of the transactions
ABS_VAL	NULL	NUMBER	Absolute value of the transactions
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifier - Used by WMS only

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## MTL\_SUPPLY

MTL\_SUPPLY stores incoming supply information for an organization. This table forms one of the sources in Inventory's Demand-Supply form. There are four different types of supply captured in this table:

- 1) Approved Requisitions
- 2) Approved Purchase orders
- 3) Shipments from suppliers
- 4) Intransit shipments from another organization

Types 3 and 4 could be distinguished by the presence of data in the INTRANSIT\_OWNING\_ORGANIZATION\_ID column, which identifies the ownership of the items in intransit. If this column is null then it means that the shipment supply is from a Vendor.

This information is used by the available to promise routine to derive the ATP information as appropriate. Quantities of items in intransit are also kept track of in the table.

Records in MTL\_SUPPLY are created every time you approve a requisition or a PO or create an intransit shipment. One record of REQ type will be created for one requisition line when the requisition is approved. One record of PO type will be created per PO distribution when a PO is approved and one record per shipment line will be created when a shipment is created.

Records in MTL\_SUPPLY will be recreated whenever there are transactions such as return to receiving, return to vendor or cancellation of purchase orders.

Records in MTL\_SUPPLY are deleted every time you change the document status to not approved. For example, a PO would require approval if you change the line and shipment quantity. If such a PO is re-approved then the PO supply will be recreated for the new quantity.

The supply type code of a REQ supply record is changed to PO every time a requisition is autocreated. Similarly the supply type code is changed from PO to RECEIVING when a PO is fully received. If a PO is partially received then a supply with the supply type code of RECEIVING will be created for the quantity received. When the receipt is delivered the RECEIVING supply is deleted. SHIPMENT supply works in the same way as PO supply.

There is a database trigger on MTL\_SUPPLY with the name MTL\_SUPPLY\_T. This trigger fires on insert, update or deletion of

records in MTL\_SUPPLY. It inserts records into MRP\_RELIEF\_INTERFACE table.

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_INTERORG_PARAMETERS	FROM_ORGANIZATION_ID	FROM_ORGANIZATION_ID
	TO_ORGANIZATION_ID	TO_ORGANIZATION_ID
MTL_ITEM_LOCATIONS	ORGANIZATION_ID	TO_ORGANIZATION_ID
	INVENTORY_LOCATION_ID	LOCATION_ID
MTL_ITEM_REVISIONS	ORGANIZATION_ID	TO_ORGANIZATION_ID
	INVENTORY_ITEM_ID	ITEM_ID
	REVISION	ITEM_REVISION
MTL_PARAMETERS	ORGANIZATION_ID	TO_ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	INTRANSIT_OWNING_ORG_ID
MTL_PARAMETERS	ORGANIZATION_ID	MRP_TO_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID	FROM_ORGANIZATION_ID
	SECONDARY_INVENTORY_NAME	FROM_SUBINVENTORY
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID	TO_ORGANIZATION_ID
	SECONDARY_INVENTORY_NAME	TO_SUBINVENTORY
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID	MRP_TO_ORGANIZATION_ID
	SECONDARY_INVENTORY_NAME	MRP_TO_SUBINVENTORY
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID	TO_ORGANIZATION_ID
	INVENTORY_ITEM_ID	ITEM_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	TO_ORG_PRIMARY_UOM
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	MRP_PRIMARY_UOM
PO_DISTRIBUTIONS_ALL	PO_DISTRIBUTION_ID	PO_DISTRIBUTION_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_ID
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	PO_LINE_LOCATION_ID
PO_RELEASES_ALL	PO_RELEASE_ID	PO_RELEASE_ID
PO_REQUISITION_HEADERS_ALL	REQUISITION_HEADER_ID	REQ_HEADER_ID
PO_REQUISITION_LINES_ALL	REQUISITION_LINE_ID	REQ_LINE_ID
RCV_SHIPMENT_HEADERS	SHIPMENT_HEADER_ID	SHIPMENT_HEADER_ID
RCV_SHIPMENT_LINES	SHIPMENT_LINE_ID	SHIPMENT_LINE_ID
RCV_TRANSACTIONS	TRANSACTION_ID	RCV_TRANSACTION_ID

#### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CHANGE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
DESTINATION_TYPE_CODE	DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Goods are expensed from the system upon delivery
	INVENTORY	Goods are received into inventory upon delivery
	SHOP FLOOR	Goods are received into an outside operation upon delivery
MRP_DESTINATION_TYPE_CODE	DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Goods are expensed from the system upon delivery
	INVENTORY	Goods are received into inventory upon delivery

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	SHOP FLOOR	Goods are received into an outside operation upon delivery

Column Descriptions

Name	Null?	Type	Description
SUPPLY_TYPE_CODE (PK)	NOT NULL	VARCHAR2(25)	Supply type code
SUPPLY_SOURCE_ID (PK)	NOT NULL	NUMBER	REQ_HEADER_ID, PO_DISTRIBUTION_ID, SHIPMENT_LINE_ID or RCV_TRANSACTION_ID depending on SUPPLY_TYPE_CODE
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
REQ_HEADER_ID	NULL	NUMBER	Requisition header identifier
REQ_LINE_ID	NULL	NUMBER	Requisition line identifier
PO_HEADER_ID	NULL	NUMBER	Purchase order header identifier
PO_RELEASE_ID	NULL	NUMBER	Purchase order release identifier
PO_LINE_ID	NULL	NUMBER	Purchase order line identifier
PO_LINE_LOCATION_ID	NULL	NUMBER	Purchase order line location identifier
PO_DISTRIBUTION_ID	NULL	NUMBER	Purchase order distribution Identifier
SHIPMENT_HEADER_ID	NULL	NUMBER	Shipment header identifier
SHIPMENT_LINE_ID	NULL	NUMBER	Shipment line identifier
RCV_TRANSACTION_ID	NULL	NUMBER	Receiving transaction identifier
ITEM_ID	NULL	NUMBER	Item identifier
ITEM_REVISION	NULL	VARCHAR2(3)	Inventory item revision
CATEGORY_ID	NULL	NUMBER	Item category identifier
QUANTITY	NOT NULL	NUMBER	Actual supply quantity
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(25)	Unit of measure for actual supply quantity
TO_ORG_PRIMARY_QUANTITY	NULL	NUMBER	Supply quantity in terms of primary unit of measure of item in destination organization
TO_ORG_PRIMARY_UOM	NULL	VARCHAR2(25)	Primary unit of measure of item in destination organization
RECEIPT_DATE	NULL	DATE	Expected or actual receipt date depending on supply type
NEED_BY_DATE	NULL	DATE	Original need by date
EXPECTED_DELIVERY_DATE	NULL	DATE	Expected delivery date (receipt Date + post-processing lead time for MFG)
DESTINATION_TYPE_CODE	NOT NULL	VARCHAR2(25)	Destination type (expense location, WIP jobs or inventory)
LOCATION_ID	NULL	NUMBER	Location identifier within receiving/inspection

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Column Descriptions (Continued)

Name	Null?	Type	Description
FROM_ORGANIZATION_ID	NULL	NUMBER	Sending organization identifier for interorg shipment
FROM_SUBINVENTORY	NULL	VARCHAR2(10)	Sending subinventory for interorg shipment
TO_ORGANIZATION_ID	NULL	NUMBER	Destination organization identifier
TO_SUBINVENTORY	NULL	VARCHAR2(10)	Destination subinventory
INTRANSIT_OWNING_ORG_ID	NULL	NUMBER	Owner organization identifier for interorg shipment
MRP_PRIMARY_QUANTITY	NULL	NUMBER	MRP processed quantity in term of primary UOM of item in destination organization
MRP_PRIMARY_UOM	NULL	VARCHAR2(25)	MRP processed primary UOM of item in destination organization
MRP_EXPECTED_DELIVERY_DATE	NULL	DATE	MRP's current expected delivery date
MRP_DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	MRP's current destination type (Destination Type change between REQs and POs)
MRP_TO_ORGANIZATION_ID	NULL	NUMBER	MRP's current destination organization (destination org can be changed prior to receipt)
MRP_TO_SUBINVENTORY	NULL	VARCHAR2(10)	MRP's current destination subinventory (destination sub can be changed until a delivery is made)
CHANGE_FLAG	NULL	VARCHAR2(1)	Flag for marking records to be processed by Supply Update function
CHANGE_TYPE	NULL	VARCHAR2(25)	Change type to indicate changes to ignore for MRP
COST_GROUP_ID	NULL	NUMBER	Cost group id to which inventory belongs

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SUPPLY_N1	NOT UNIQUE	1	SUPPLY_SOURCE_ID
		2	SUPPLY_TYPE_CODE
MTL_SUPPLY_N10	NOT UNIQUE	1	CHANGE_FLAG
MTL_SUPPLY_N11	NOT UNIQUE	1	ITEM_ID
		2	TO_ORGANIZATION_ID
		3	SUPPLY_TYPE_CODE
		4	DESTINATION_TYPE_CODE
MTL_SUPPLY_N12	NOT UNIQUE	1	MRP_TO_ORGANIZATION_ID
		2	ITEM_ID
		3	SUPPLY_TYPE_CODE
		4	DESTINATION_TYPE_CODE
MTL_SUPPLY_N13	NOT UNIQUE	1	FROM_ORGANIZATION_ID
MTL_SUPPLY_N2	NOT UNIQUE	1	PO_DISTRIBUTION_ID
MTL_SUPPLY_N3	NOT UNIQUE	1	PO_LINE_LOCATION_ID
MTL_SUPPLY_N4	NOT UNIQUE	1	PO_LINE_ID
MTL_SUPPLY_N5	NOT UNIQUE	1	PO_HEADER_ID
MTL_SUPPLY_N6	NOT UNIQUE	1	PO_RELEASE_ID
MTL_SUPPLY_N7	NOT UNIQUE	1	REQ_HEADER_ID
MTL_SUPPLY_N8	NOT UNIQUE	1	REQ_LINE_ID
MTL_SUPPLY_N9	NOT UNIQUE	1	SHIPMENT_HEADER_ID



## Database Triggers

Trigger Name : MTL\_SUPPLY\_T  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This trigger inserts rows into MRP\_RELIEF\_INTERFACE table. This information is used by the planning manager to relieve MPS planned orders or provide feedback for MRP planned orders. It fires on insert, update and delete of rows in MTL\_SUPPLY.  
A new row is inserted only if the columns EXPECTED\_DELIVERY\_DATE, ITEM\_ID, TO\_ORGANIZATION\_ID, TO\_ORG\_PRIMARY\_QUANTITY are not null.  
The TRANSACTION\_ID column in MRP\_RELIEF\_INTERFACE table is populated using the sequence MRP\_RELIEF\_INTERFACE\_S.

## MTL\_SUPPLY\_DEMAND\_TEMP

MTL\_SUPPLY\_DEMAND\_TEMP serves as a temporary table for ATP and supply/demand detail queries. SEQ\_NUM is created by the routines to distinguish records from other queries. Furthermore, RECORD\_TYPE is used to distinguish an ATP record from a supply/demand record for the same query (i.e., same SEQ\_NUM). In an ATP query, both ATP and supply/demand records are populated into this table. Thus, when performing an ATP query, RECORD\_TYPE is internally set as 'ATP' and D\_COLUMNS and N\_COLUMNS are generic column names for storing character, date and number information respectively.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
ORG_ORGANIZATION_DEFINITION_R9	ORGANIZATION_ID	ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DISPOSITION_TYPE	MTL_DISPOSITION	MFG_LOOKUPS
	1	Purchase order
	2	Sales order
	3	Account number
	4	Job or schedule
	5	Job or schedule
SUPPLY_DEMAND_SOURCE_TYPE	6	Account alias
	MTL_SUPPLY_DEMAND_SOURCE_TYPE	MFG_LOOKUPS
	1	Purchase order
	10	Reserved account number
	11	Reserved account alias
	12	Intransit receipt
	13	Discrete MPS
	14	Repetitive MPS
	15	On-hand reservation
	16	User supply
	17	User demand
	18	PO requisition
	19	Reserved user source
	2	Sales order
	20	Internal requisition
	21	Internal order
	22	Reserved internal order
	24	WIP Work Order-less Completion
	3	Account number
	4	WIP repetitive schedule
	5	WIP discrete job
	6	Account alias
	7	WIP nonstandard job

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	8	On-hand quantity
	9	Reserved sales order

Column Descriptions

Name	Null?	Type	Description
SEQ_NUM	NOT NULL	NUMBER	Group sequence id created by supply/demand query routine
GROUP_ID	NULL	NUMBER	Contains the session id from supply demand or ATP query.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ROW_NUMBER	NULL	NUMBER	Row sequence number for the record
RECORD_TYPE	NULL	VARCHAR2(10)	Type to internally distinguish record between ATP and supply/demand queries
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ATP_PERIOD_TOTAL_SUPPLY	NULL	NUMBER	Total supply for an item in an ATP period
ATP_PERIOD_TOTAL_DEMAND	NULL	NUMBER	Total demand for an item in an ATP period
SUPPLY_DEMAND_SOURCE_TYPE	NULL	NUMBER	Supply/demand source code
SUPPLY_DEMAND_TYPE	NULL	NUMBER	1 - demand, 2 - supply
DISPOSITION_TYPE	NULL	NUMBER	Disposition type
DISPOSITION_ID	NULL	NUMBER	Disposition id
ATP	NULL	NUMBER	ATP quantity (available to promise quantity for an atp period)
QUANTITY	NULL	NUMBER	Supply/demand quantity
ON_HAND_QUANTITY	NULL	NUMBER	Projected on hand quantity based on accumulating supply and demand
ATP_PERIOD_START_DATE	NULL	DATE	Start date of an ATP period
ATP_PERIOD_END_DATE	NULL	DATE	End date of an ATP period
REQUIREMENT_DATE	NULL	DATE	Requirement date for a supply/demand
C_COLUMN1	NULL	VARCHAR2(240)	Source name from MTL_DEMAND, MTL_USER_DEMAND and MTL_USER_SUPPLY
C_COLUMN2	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN3	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN4	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN5	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN6	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN7	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN8	NULL	VARCHAR2(240)	Generic character query column
N_COLUMN1	NULL	NUMBER	Generic numeric query column
N_COLUMN2	NULL	NUMBER	Generic numeric query column
N_COLUMN3	NULL	NUMBER	Generic numeric query column
N_COLUMN4	NULL	NUMBER	Generic numeric query column
N_COLUMN5	NULL	NUMBER	Generic numeric query column
D_COLUMN1	NULL	DATE	Generic date query column
D_COLUMN2	NULL	DATE	Generic date query column

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Column Descriptions (Continued)

Name	Null?	Type	Description
D_COLUMN3	NULL	DATE	Generic date query column
D_COLUMN4	NULL	DATE	Generic date query column
D_COLUMN5	NULL	DATE	Generic date query column
PERIOD_NET_AVAILABLE	NULL	NUMBER	ATP_PERIOD_TOTAL_SUPPLY - ATP_PERIOD_TOTAL_DEMAND, populated for Period ATP rows only
UOM_CODE	NULL	VARCHAR2(3)	The uom for the quantity.
RESOURCE_ID	NULL	NUMBER	Resource identifier
DEPARTMENT_ID	NULL	NUMBER	Department identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SUPPLY_DEMAND_TEMP_N1	NOT UNIQUE	1	SEQ_NUM
		2	INVENTORY_ITEM_ID
		3	RECORD_TYPE

Sequences

Sequence	Derived Column
MTL_SUPPLY_DEMAND_TEMP_S	SEQ_NUM

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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.

## 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 1 2 3	MFG_LOOKUPS Item specific Standard Both standard and item specific
ALLOW_EXPRESS_DELIVERY_FLAG	YES_NO N	FND_LOOKUPS 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
BULK_PICKED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CATALOG_STATUS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CHECK_SHORTAGES_FLAG	YES_NO	FND_LOOKUPS

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QuickCodes Columns (Continued)

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

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	Y	Yes
END_ASSEMBLY_PEGGING_FLAG	ASSEMBLY_PEGGING_CODE	FND_LOOKUPS
	A	Full Pegging
	B	End Assembly/Full Pegging
	I	Net by Project/Ignore Excess
	N	None
	X	Net by Project/Net Excess
	Y	End Assembly Pegging
ENG_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
EQUIPMENT_TYPE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
EVENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
EXPENSE_BILLABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
FINANCING_ALLOWED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INDIVISIBLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INSPECTION_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INTERNAL_ORDER_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INTERNAL_ORDER_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_ASSET_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_PLANNING_CODE	MTL_MATERIAL_PLANNING	MFG_LOOKUPS
	1	Reorder point planning
	2	Min-max planning
	6	Not planned
INVOICEABLE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVOICE_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	Y	Yes
ITEM_TYPE	ITEM_TYPE	FND_COMMON_LOOKUPS
	AOC	ATO Option Class
	ATO	ATO Model
	BMW	BMW Type
	FG	Finished Good
	I	Inventory Type
	K	Kit
	M	Model
	OC	Option Class
	OO	Outside Operation
	OP	Outside Processing Item
	P	Purchased item
	PF	Product Family
	PH	Phantom item
	PL	Planning
	POC	PTO Option Class
	PTO	PTO model
	REF	Reference item
	SA	Subassembly
	SI	Supply item
LOCATION_CONTROL_CODE	MTL_LOCATION_CONTROL	MFG_LOOKUPS
	1	No locator control
	2	Prespecified locator control
	3	Dynamic entry locator control
	4	Locator control determined at subinventory level
	5	Locator control determined at item level
LOT_CONTROL_CODE	MTL_LOT_CONTROL	MFG_LOOKUPS
	1	No lot control
	2	Full lot control
LOT_MERGE_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
LOT_SPLIT_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
LOT_STATUS_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
MATERIAL_BILLABLE_FLAG	MTL_SERVICE_BILLABLE_FLAG	CS_LOOKUPS
	E	Expense
	L	Labor
	M	Material
MRP_CALCULATE_ATP_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
MRP_PLANNING_CODE	MRP_PLANNING_CODE	MFG_LOOKUPS
	3	MRP planning
	4	MPS planning

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	6	Not planned
	7	MRP and DRP planning
	8	MPS and DRP planning
	9	DRP planning
MRP_SAFETY_STOCK_CODE	MTL_SAFETY_STOCK_TYPE	MFG_LOOKUPS
	1	Non-MRP planned
	2	MRP planned percent
MTL_TRANSACTIONS_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
MUST_USE_APPROVED_VENDOR_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ORDERABLE_ON_WEB_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
OUTSIDE_OPERATION_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PICK_COMPONENTS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PLANNING_MAKE_BUY_CODE	MTL_PLANNING_MAKE_BUY	MFG_LOOKUPS
	1	Make
	2	Buy
PLANNING_TIME_FENCE_CODE	MTL_TIME_FENCE	MFG_LOOKUPS
	1	Cumulative total lead time
	2	Cumulative manufacturing lead time
	3	Total lead time
	4	User-defined time fence
PREVENTIVE_MAINTENANCE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PRORATE_SERVICE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PURCHASING_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PURCHASING_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RECEIPT_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RELEASE_TIME_FENCE_CODE	MTL_RELEASE_TIME_FENCE	MFG_LOOKUPS
	1	Cumulative total lead time
	2	Cumulative manufacturing lead time
	3	Item total lead time

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	4	User-defined time fence
	5	No not autorelease
	6	Kanban Item (Do Not Release)
REPETITIVE_PLANNING_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
REPLENISH_TO_ORDER_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RESERVABLE_TYPE	MTL_RESERVATION_CONTROL	MFG_LOOKUPS
	1	Reservable
	2	Not reservable
RESTRICT_LOCATORS_CODE	MTL_LOCATOR_RESTRICTIONS	MFG_LOOKUPS
	1	Locators restricted to pre-defined list
	2	Locators not restricted to pre-defined list
RESTRICT_SUBINVENTORIES_CODE	MTL_SUBINVENTORY_RESTRICTIONS	MFG_LOOKUPS
	1	Subinventories restricted to pre-defined list
	2	Subinventories not 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
SERIAL_STATUS_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SERVICEABLE_COMPONENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
SERVICEABLE_PRODUCT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SERVICE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SHELF_LIFE_CODE	MTL_SHELF_LIFE	MFG_LOOKUPS
	1	No shelf life control
	2	Item shelf life days
	4	User-defined expiration date
SHIPPABLE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SHIP_MODEL_COMPLETE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SOURCE_TYPE	MTL_SOURCE_TYPES	MFG_LOOKUPS
	1	Inventory
	2	Supplier
SO_TRANSACTIONS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
STOCK_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SUMMARY_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
TAXABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
TIME_BILLABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
USAGE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
VEHICLE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
VENDOR_WARRANTY_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
VOL_DISCOUNT_EXEMPT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
WIP_SUPPLY_TYPE	WIP_SUPPLY	MFG_LOOKUPS
	1	Push
	2	Assembly Pull
	3	Operation Pull

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	4	Bulk
	5	Supplier
	6	Phantom
	7	Based on Bill
ENFORCE_SHIP_TO_LOCATION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
OUTSIDE_OPERATION_UOM_TYPE	OUTSIDE OPERATION UOM TYPE	PO_LOOKUP_CODES
	ASSEMBLY	Assembly Unit of Measure
	RESOURCE	Resource Unit of Measure
QTY_RCV_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
RECEIPT_DAYS_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Flexfield summary flag
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flexfield segment enabled flag
START_DATE_ACTIVE	NULL	DATE	Flexfield segment start date
END_DATE_ACTIVE	NULL	DATE	Flexfield segment end date
DESCRIPTION	NULL	VARCHAR2(240)	Item description is maintained in the installation base language only. Translations table (MTL_SYSTEM_ITEMS_TL) holds item descriptions in multiple languages
BUYER_ID	NULL	NUMBER(9)	Buyer identifier
ACCOUNTING_RULE_ID	NULL	NUMBER	Accounting rule identifier
INVOICING_RULE_ID	NULL	NUMBER	Invoicing rule identifier
SEGMENT1	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT2	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT3	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT4	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT5	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT6	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT7	NULL	VARCHAR2(40)	Key flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
SEGMENT8	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT9	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT10	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT11	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT12	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT13	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT14	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT15	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT16	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT17	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT18	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT19	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT20	NULL	VARCHAR2(40)	Key flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
PURCHASING_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating purchasing item
SHIPPABLE_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating shippable item
CUSTOMER_ORDER_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating customer orderable item
INTERNAL_ORDER_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating internally orderable item
SERVICE_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating service item
INVENTORY_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating inventory item
ENG_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating engineering item
INVENTORY_ASSET_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is an inventory asset
PURCHASING_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is purchasable
CUSTOMER_ORDER_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is customer orderable
INTERNAL_ORDER_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is internally orderable
SO_TRANSACTIONS_FLAG	NOT NULL	VARCHAR2(1)	Sales order transactions flag
MTL_TRANSACTIONS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is transactable
STOCK_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is stockable
BOM_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may appear on a BOM
BUILD_IN_WIP_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may be built in WIP

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Column Descriptions (Continued)

Name	Null?	Type	Description
REVISION_QTY_CONTROL_CODE	NULL	NUMBER	Revision quantity control code
ITEM_CATALOG_GROUP_ID	NULL	NUMBER	Item catalog group identifier
CATALOG_STATUS_FLAG	NULL	VARCHAR2(1)	Flag indicating item catalog complete
RETURNABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item is returnable
DEFAULT_SHIPPING_ORG	NULL	NUMBER	Default shipping organization
COLLATERAL_FLAG	NULL	VARCHAR2(1)	Flag indicating item is collateral item
TAXABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item is taxable
QTY_RCV_EXCEPTION_CODE	NULL	VARCHAR2(25)	Over tolerance receipts processing method code
ALLOW_ITEM_DESC_UPDATE_FLAG	NULL	VARCHAR2(1)	Allow item description updates on PO lines
INSPECTION_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether inspection is required upon receipt
RECEIPT_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag indicating supplier receipt is required before payment
MARKET_PRICE	NULL	NUMBER	Purchasing market price
HAZARD_CLASS_ID	NULL	NUMBER	Purchasing hazard identifier
RFQ_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether an RFQ (request for quotation) is required
QTY_RCV_TOLERANCE	NULL	NUMBER	Maximum acceptable over-receipt percentage
LIST_PRICE_PER_UNIT	NULL	NUMBER	Unit list price - purchasing
UN_NUMBER_ID	NULL	NUMBER	Purchasing UN (United Nations) number
PRICE_TOLERANCE_PERCENT	NULL	NUMBER	Purchase price tolerance percentage
ASSET_CATEGORY_ID	NULL	NUMBER	Fixed asset category identifier (foreign key FA asset category flexfield)
ROUNDING_FACTOR	NULL	NUMBER	Rounding factor used to determine order quantity
UNIT_OF_ISSUE	NULL	VARCHAR2(25)	Unit of issue
ENFORCE_SHIP_TO_LOCATION_CODE	NULL	VARCHAR2(25)	Require receipt location to match ship-to location
ALLOW_SUBSTITUTE_RECEIPTS_FLAG	NULL	VARCHAR2(1)	Flag indicating substitute receipts allowed
ALLOW_UNORDERED_RECEIPTS_FLAG	NULL	VARCHAR2(1)	Flag indicating unordered receipts allowed
ALLOW_EXPRESS_DELIVERY_FLAG	NULL	VARCHAR2(1)	Flag indicating express delivery allowed
DAYS_EARLY_RECEIPT_ALLOWED	NULL	NUMBER	Days before planned receipt that item may be received
DAYS_LATE_RECEIPT_ALLOWED	NULL	NUMBER	Days after the planned receipt that item may be received
RECEIPT_DAYS_EXCEPTION_CODE	NULL	VARCHAR2(25)	Exception processing for early/late receipts
RECEIVING_ROUTING_ID	NULL	NUMBER	Default receipt routing
INVOICE_CLOSE_TOLERANCE	NULL	NUMBER	Invoice close tolerance
RECEIVE_CLOSE_TOLERANCE	NULL	NUMBER	Receipt close tolerance
AUTO_LOT_ALPHA_PREFIX	NULL	VARCHAR2(30)	Item-level prefix for lot numbers
START_AUTO_LOT_NUMBER	NULL	VARCHAR2(30)	Next auto assigned lot number
LOT_CONTROL_CODE	NULL	NUMBER	Lot control code

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Column Descriptions (Continued)

Name	Null?	Type	Description
SHELF_LIFE_CODE	NULL	NUMBER	Shelf life code
SHELF_LIFE_DAYS	NULL	NUMBER	Length of shelf life days
SERIAL_NUMBER_CONTROL_CODE	NULL	NUMBER	Serial number control code
START_AUTO_SERIAL_NUMBER	NULL	VARCHAR2(30)	Next auto assigned serial number
AUTO_SERIAL_ALPHA_PREFIX	NULL	VARCHAR2(30)	Item-level alpha prefix for serial numbers
SOURCE_TYPE	NULL	NUMBER	Inventory or supplier source type
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Organization to source items from
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory to source items from
EXPENSE_ACCOUNT	NULL	NUMBER	Expense account
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account
RESTRICT_SUBINVENTORIES_CODE	NULL	NUMBER	Subinventory restrictions type
UNIT_WEIGHT	NULL	NUMBER	Conversion between weight unit of measure and base unit of measure
WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	Weight unit of measure code
VOLUME_UOM_CODE	NULL	VARCHAR2(3)	Volume unit of measure code
UNIT_VOLUME	NULL	NUMBER	Conversion between volume unit of measure and base unit of measure
RESTRICT_LOCATORS_CODE	NULL	NUMBER	Locators restrictions type
LOCATION_CONTROL_CODE	NULL	NUMBER	Stock locator control code
SHRINKAGE_RATE	NULL	NUMBER	Planned shrinkage rate
ACCEPTABLE_EARLY_DAYS	NULL	NUMBER	Days an order may be early before rescheduling is recommended
PLANNING_TIME_FENCE_CODE	NULL	NUMBER	Planning time fence code
DEMAND_TIME_FENCE_CODE	NULL	NUMBER	Demand time fence code
LEAD_TIME_LOT_SIZE	NULL	NUMBER	Lead time lot size
STD_LOT_SIZE	NULL	NUMBER	Standard lot size
CUM_MANUFACTURING_LEAD_TIME	NULL	NUMBER	Cumulative manufacturing lead time
OVERRUN_PERCENTAGE	NULL	NUMBER	MRP repetitive acceptable overrun rate
MRP_CALCULATE_ATP_FLAG	NULL	VARCHAR2(1)	Calculate ATP flag (y/n) for MRP planning routine
ACCEPTABLE_RATE_INCREASE	NULL	NUMBER	MRP repetitive acceptable rate increase
ACCEPTABLE_RATE_DECREASE	NULL	NUMBER	MRP repetitive acceptable rate decrease
CUMULATIVE_TOTAL_LEAD_TIME	NULL	NUMBER	Cumulative total lead time
PLANNING_TIME_FENCE_DAYS	NULL	NUMBER	Planning time fence days
DEMAND_TIME_FENCE_DAYS	NULL	NUMBER	Demand time fence days
END_ASSEMBLY_PEGGING_FLAG	NULL	VARCHAR2(1)	End assembly pegging flag for MRP
REPETITIVE_PLANNING_FLAG	NULL	VARCHAR2(1)	Flag indicating item to be planned as repetitive schedule
PLANNING_EXCEPTION_SET	NULL	VARCHAR2(10)	Exception control set
BOM_ITEM_TYPE	NOT NULL	NUMBER	Type of item
PICK_COMPONENTS_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether all shippable components should be picked
REPLENISH_TO_ORDER_FLAG	NOT NULL	VARCHAR2(1)	Assemble to Order flag
BASE_ITEM_ID	NULL	NUMBER	Base item identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATP_COMPONENTS_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether item may have components requiring ATP check
ATP_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating ATP must be checked when item is ordered
FIXED_LEAD_TIME	NULL	NUMBER	Fixed portion of the assembly's lead time
VARIABLE_LEAD_TIME	NULL	NUMBER	Variable portion of an assembly's lead time
WIP_SUPPLY_LOCATOR_ID	NULL	NUMBER	Supply locator for WIP transactions
WIP_SUPPLY_TYPE	NULL	NUMBER	Source of WIP material supply
WIP_SUPPLY_SUBINVENTORY	NULL	VARCHAR2(10)	Supply subinventory for WIP transactions
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Primary unit of measure code
PRIMARY_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Primary stocking unit of measure for the item
ALLOWED_UNITS_LOOKUP_CODE	NULL	NUMBER	Allowed unit of measure conversion type
COST_OF_SALES_ACCOUNT	NULL	NUMBER	Cost of sales account
SALES_ACCOUNT	NULL	NUMBER	Sales account
DEFAULT_INCLUDE_IN_ROLLUP_FLAG	NULL	VARCHAR2(1)	Default value for include in cost rollup
INVENTORY_ITEM_STATUS_CODE	NOT NULL	VARCHAR2(10)	Material status code
INVENTORY_PLANNING_CODE	NULL	NUMBER	Inventory planning code
PLANNER_CODE	NULL	VARCHAR2(10)	Planner code
PLANNING_MAKE_BUY_CODE	NULL	NUMBER	Indicates whether item is planned as manufactured or purchased
FIXED_LOT_MULTIPLIER	NULL	NUMBER	Fixed lot size multiplier
ROUNDING_CONTROL_TYPE	NULL	NUMBER	Rounding control code
CARRYING_COST	NULL	NUMBER	Annual carrying cost
POSTPROCESSING_LEAD_TIME	NULL	NUMBER	Post-processing lead time
PREPROCESSING_LEAD_TIME	NULL	NUMBER	Pre-processing lead time
FULL_LEAD_TIME	NULL	NUMBER	Full lead time
ORDER_COST	NULL	NUMBER	Order cost
MRP_SAFETY_STOCK_PERCENT	NULL	NUMBER	Safety stock percentage
MRP_SAFETY_STOCK_CODE	NULL	NUMBER	Safety stock code
MIN_MINMAX_QUANTITY	NULL	NUMBER	Minimum minmax order quantity
MAX_MINMAX_QUANTITY	NULL	NUMBER	Maximum minmax order quantity
MINIMUM_ORDER_QUANTITY	NULL	NUMBER	Minimum order quantity
FIXED_ORDER_QUANTITY	NULL	NUMBER	Fixed order quantity
FIXED_DAYS_SUPPLY	NULL	NUMBER	Fixed days supply
MAXIMUM_ORDER_QUANTITY	NULL	NUMBER	Maximum order quantity
ATP_RULE_ID	NULL	NUMBER	Available to promise rule to be used for this item
PICKING_RULE_ID	NULL	NUMBER	Picking rule code
RESERVABLE_TYPE	NULL	NUMBER	Hard reservations allowed flag
POSITIVE_MEASUREMENT_ERROR	NULL	NUMBER	Percent error above measured quantity
NEGATIVE_MEASUREMENT_ERROR	NULL	NUMBER	Percent error below measured quantity
ENGINEERING_ECN_CODE	NULL	VARCHAR2(50)	Engineering ECN code
ENGINEERING_ITEM_ID	NULL	NUMBER	Engineering implemented item identifier
ENGINEERING_DATE	NULL	DATE	Engineering implementation date
SERVICE_STARTING_DELAY	NULL	NUMBER	Days after shipment that service begins

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Column Descriptions (Continued)

Name	Null?	Type	Description
VENDOR_WARRANTY_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating service for the item is provided by a supplier
SERVICEABLE_COMPONENT_FLAG	NULL	VARCHAR2(1)	Indicates whether the item is serviceable by other service-type items and whether it can be referenced as the component of another item
SERVICEABLE_PRODUCT_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the item is serviceable by other service-type items and can have service requests reported against it
BASE_WARRANTY_SERVICE_ID	NULL	NUMBER	Base warranty identifier
PAYMENT_TERMS_ID	NULL	NUMBER	Payment terms identifier
PREVENTIVE_MAINTENANCE_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item can be a preventive maintenance service item
PRIMARY_SPECIALIST_ID	NULL	NUMBER	Primary service specialist
SECONDARY_SPECIALIST_ID	NULL	NUMBER	Secondary service specialist
SERVICEABLE_ITEM_CLASS_ID	NULL	NUMBER	Serviceable item class identifier
TIME_BILLABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating service labor hours are billable
MATERIAL_BILLABLE_FLAG	NULL	VARCHAR2(30)	Flag indicating service material is billable
EXPENSE_BILLABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating service expenses are billable
PRORATE_SERVICE_FLAG	NULL	VARCHAR2(1)	Flag indicating cost of service may be prorated
COVERAGE_SCHEDULE_ID	NULL	NUMBER	Coverage schedule identifier
SERVICE_DURATION_PERIOD_CODE	NULL	VARCHAR2(10)	Period code for default service duration
SERVICE_DURATION	NULL	NUMBER	Default service duration
WARRANTY_VENDOR_ID	NULL	NUMBER	Service supplier identifier
MAX_WARRANTY_AMOUNT	NULL	NUMBER	Monetary value of service costs covered by the item
RESPONSE_TIME_PERIOD_CODE	NULL	VARCHAR2(30)	Period code for service response time
RESPONSE_TIME_VALUE	NULL	NUMBER	Default response time
NEW_REVISION_CODE	NULL	VARCHAR2(30)	Indicates how to notify customers of new revisions of the item
INVOICEABLE_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may appear on invoices
TAX_CODE	NULL	VARCHAR2(50)	Tax code
INVOICE_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the item can be invoiced
MUST_USE_APPROVED_VENDOR_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating purchases restricted to approved supplier
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
OUTSIDE_OPERATION_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may appear on outside operation purchase order
OUTSIDE_OPERATION_UOM_TYPE	NULL	VARCHAR2(25)	Outside operation unit of measure
SAFETY_STOCK_BUCKET_DAYS	NULL	NUMBER	Safety stock bucket days

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Column Descriptions (Continued)

Name	Null?	Type	Description
AUTO_REDUCE_MPS	NULL	NUMBER(22)	Automatically deletes MPS entries within a time period
COSTING_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating cost information is maintained
AUTO_CREATED_CONFIG_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating configuration item automatically created
CYCLE_COUNT_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may be cycle counted
ITEM_TYPE	NULL	VARCHAR2(30)	User-defined item type
MODEL_CONFIG_CLAUSE_NAME	NULL	VARCHAR2(10)	(not currently used)
SHIP_MODEL_COMPLETE_FLAG	NULL	VARCHAR2(1)	Flag indicating model must be complete to ship
MRP_PLANNING_CODE	NULL	NUMBER	MRP Planning option
RETURN_INSPECTION_REQUIREMENT	NULL	NUMBER	RMA inspection requirement
ATO_FORECAST_CONTROL	NULL	NUMBER	Type of forecast control for ATO
RELEASE_TIME_FENCE_CODE	NULL	NUMBER	Flag to indicate if this item is auto releasable by MRP
RELEASE_TIME_FENCE_DAYS	NULL	NUMBER	Number of days within which this item should be auto released
CONTAINER_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating if the item is a container. Used for shipping sales orders
VEHICLE_ITEM_FLAG	NULL	VARCHAR2(1)	Indicates if the item is a vehicle or not. Used for shipping sales orders
MAXIMUM_LOAD_WEIGHT	NULL	NUMBER	Maximum load weight of a container or a vehicle that can be used for shipping sales orders
MINIMUM_FILL_PERCENT	NULL	NUMBER	Minimum fill condition under which the container or vehicle should be used
CONTAINER_TYPE_CODE	NULL	VARCHAR2(30)	Container type code for container items. Container types are user defineable
INTERNAL_VOLUME	NULL	NUMBER	Internal volume for container items. Used by Shipping to calculate container capacity restrictions
WH_UPDATE_DATE	NULL	DATE	Warehouse update date for tracking changes relevant to data collected in Data Warehouse
PRODUCT_FAMILY_ITEM_ID	NULL	NUMBER	If the item is product family member, stores the product family identifier. Used in Production Planning
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Global descriptive flexfield structure defining column
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Global descriptive flexfield segment

Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Global descriptive flexfield segment
PURCHASING_TAX_CODE	NULL	VARCHAR2(50)	Purchasing tax code
OVERCOMPLETION_TOLERANCE_TYPE	NULL	NUMBER	Overcompletion tolerance type
OVERCOMPLETION_TOLERANCE_VALUE	NULL	NUMBER	Overcompletion tolerance value
EFFECTIVITY_CONTROL	NULL	NUMBER	Effectivity control code. Indicates if the item is under Date Effectivity or Model/Unit Number Effectivity control.
CHECK_SHORTAGES_FLAG	NULL	VARCHAR2(1)	Flag indicating material shortages should be checked for this item
OVER_SHIPMENT_TOLERANCE	NULL	NUMBER	Over shipment tolerance
UNDER_SHIPMENT_TOLERANCE	NULL	NUMBER	Under shipment tolerance
OVER_RETURN_TOLERANCE	NULL	NUMBER	Over return tolerance
UNDER_RETURN_TOLERANCE	NULL	NUMBER	Under return tolerance
EQUIPMENT_TYPE	NULL	NUMBER	Flag indicating item is equipment
RECOVERED_PART_DISP_CODE	NULL	VARCHAR2(30)	Indicates return is required for recovered pars, scrap in field, which is used for spare parts
DEFECT_TRACKING_ON_FLAG	NULL	VARCHAR2(1)	Specifies whether a defect or bug can be filed against the product
USAGE_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating an item represents usage. Usage items can be sold as a use of something
EVENT_FLAG	NULL	VARCHAR2(1)	Identifies item as an event
ELECTRONIC_FLAG	NULL	VARCHAR2(1)	Flag indicating an item exists only in electronic format and not physical
DOWNLOADABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating an item is downloadable
VOL_DISCOUNT_EXEMPT_FLAG	NULL	VARCHAR2(1)	Indicates an item does not contribute to volume discount for any order
COUPON_EXEMPT_FLAG	NULL	VARCHAR2(1)	Indicates an item is excluded from coupons even if it is part of the group that any coupon applies
COMMS_NL_TRACKABLE_FLAG	NULL	VARCHAR2(1)	Identifies an item as network logistics trackable
ASSET_CREATION_CODE	NULL	VARCHAR2(30)	Used to specify when an asset should be created
COMMS_ACTIVATION_REQD_FLAG	NULL	VARCHAR2(1)	Indicates an item requires activation on a network
ORDERABLE_ON_WEB_FLAG	NULL	VARCHAR2(1)	Indicates whether an item is orderable on the web or not. iStore will only sell items with this flag to be true
BACK_ORDERABLE_FLAG	NULL	VARCHAR2(1)	If ATP failed, can item be back ordered

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# Column Descriptions (Continued)

Name	Null?	Type	Description
WEB_STATUS	NULL	VARCHAR2(30)	Specifies item web status, which can be web enabled, web published, or neither
INDIVISIBLE_FLAG	NULL	VARCHAR2(1)	Item unit is indivisible
DIMENSION_UOM_CODE	NULL	VARCHAR2(3)	Item dimensions unit of measure code
UNIT_LENGTH	NULL	NUMBER	Item length
UNIT_WIDTH	NULL	NUMBER	Item width
UNIT_HEIGHT	NULL	NUMBER	Item height
BULK_PICKED_FLAG	NULL	VARCHAR2(1)	Material pick method
LOT_STATUS_ENABLED	NULL	VARCHAR2(1)	Lot status enabled
DEFAULT_LOT_STATUS_ID	NULL	NUMBER	Default lot status
SERIAL_STATUS_ENABLED	NULL	VARCHAR2(1)	Serial status enabled
DEFAULT_SERIAL_STATUS_ID	NULL	NUMBER	Default serial status
LOT_SPLIT_ENABLED	NULL	VARCHAR2(1)	Lot split enabled
LOT_MERGE_ENABLED	NULL	VARCHAR2(1)	Lot merge enabled
INVENTORY_CARRY_PENALTY	NULL	NUMBER	Penalty incurred for holding this item inventory
OPERATION_SLACK_PENALTY	NULL	NUMBER	Penalty incurred for a time in between two operations
FINANCING_ALLOWED_FLAG	NULL	VARCHAR2(1)	Item is eligible for financing

## Indexes

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

## Sequences

Sequence	Derived Column
MTL_SYSTEM_ITEMS_B_S	INVENTORY_ITEM_ID

## Database Triggers

Trigger Name : MTL\_SYSTEM\_ITEMS\_T6\_BOM  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : INSERT

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

Trigger Name : MTL\_SYSTEM\_ITEMS\_T1\_BOM  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

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

Trigger Name : MTL\_SYSTEM\_ITEMS\_B\_T2\_BOM  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : DELETE

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

Trigger Name : MTL\_SYSTEM\_ITEMS\_T3\_BOM  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

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

Trigger Name : MTL\_SYSTEM\_ITEMS\_T4\_BOM  
Trigger Time : AFTER  
Trigger Level : STATEMENT  
Trigger Event : UPDATE

This trigger performs the following functions depending on updates of the BOM\_ITEM\_TYPE and PRODUCT\_FAMILY\_ITEM\_ID columns: 1. Creates categories corresponding to product family items. 2. Assigns new product family items to their corresponding categories. 3. Deletes product family categories. The trigger uses data that has been stored in the BOM\_PFI\_PVT package PL/SQL tables by the row level trigger.

Trigger Name : MTL\_SYSTEM\_ITEMS\_T5\_BOM  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : DELETE

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

Trigger Name : MTL\_SYSTEM\_ITEMS\_T1  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

The trigger is executed when the COSTING\_ENABLED\_FLAG field in the MTL\_SYSTEM\_ITEMS table is modified from Yes to No or vice versa. Before updating COSTING\_ENABLED\_FLAG field, the trigger performs the following tasks for each record that is modified:

- Insert a record into CST\_ITEM\_COSTS table if COSTING\_ENABLED\_FLAG field is changed from No to Yes.
- Delete a record from CST\_ITEM\_COSTS table if COSTING\_ENABLED\_FLAG field is changed from Yes to No.

Trigger Name : MTL\_SYSTEM\_ITEMS\_B\_T2\_IBE  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : DELETE

This trigger calls iStore procedures to update relationships, section-items and search tables that depend on MTL\_SYSTEM\_ITEMS\_B table.

Trigger Name : MTL\_SYSTEM\_ITEMS\_B\_T3\_IBE  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger calls iStore procedures to update relationships and section-items tables that depend on MTL\_SYSTEM\_ITEMS\_B table.



## MTL\_SYSTEM\_ITEMS\_B\_EFC

MTL\_SYSTEM\_ITEMS\_B\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_SYSTEM\_ITEMS\_B prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
LIST_PRICE_PER_UNIT	NULL	NUMBER	List Price Per Unit
ORDER_COST	NULL	NUMBER	Order Cost
MARKET_PRICE	NULL	NUMBER	Market Price
CARRYING_COST	NULL	NUMBER	Carrying Cost
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

## MTL\_SYSTEM\_ITEMS\_INTERFACE

MTL\_SYSTEM\_ITEMS\_INTERFACE temporarily stores the definitions for inventory items, engineering items and purchasing items before loading this information into Oracle Inventory.

This table contains user friendly columns which allow you to easily enter your data as well as their corresponding foreign keys. Oracle Inventory will default column values you do not enter, after performing the proper validation. For example, you enter the ORGANIZATION\_CODE, and Oracle Inventory will fill in the corresponding ORGANIZATION\_ID for you. It is strongly recommended that users enter the segment information for the item instead of the item number.

You can also specify a TEMPLATE\_ID to copy item attributes from.

Also, if you enter REVISION, Oracle Inventory will insert a record into MTL\_ITEM\_REVISIONS for your item.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ALLOWED_UNITS_LOOKUP_CODE	MTL_CONVERSION_TYPE	MFG_LOOKUPS
	1	Item specific
	2	Standard
	3	Both standard and item specific
ALLOW_EXPRESS_DELIVERY_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ALLOW_ITEM_DESC_UPDATE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ALLOW_SUBSTITUTE_RECEIPTS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ALLOW_UNORDERED_RECEIPTS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ATO_FORECAST_CONTROL	MRP_ATO_FORECAST_CONTROL	MFG_LOOKUPS
	1	Consume
	2	Consume and derive
	3	None
ATP_COMPONENTS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
ATP_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
AUTO_CREATED_CONFIG_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
AUTO_REDUCE_MPS	MRP_AUTO_REDUCE_MPS	MFG_LOOKUPS
	1	None
	2	Past due
	3	Within demand time fence
	4	Within planning time fence
BACK_ORDERABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
BOM_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
BOM_ITEM_TYPE	BOM_ITEM_TYPE	MFG_LOOKUPS
	1	Model
	2	Option class
	3	Planning
	4	Standard
	5	Product Family
BUILD_IN_WIP_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
BULK_PICKED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CATALOG_STATUS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CHECK_SHORTAGES_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
COLLATERAL_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
COMMS_ACTIVATION_REQD_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
COMMS_NL_TRACKABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
COSTING_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
COUPON_EXEMPT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
CUSTOMER_ORDER_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CUSTOMER_ORDER_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CYCLE_COUNT_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
DEFAULT_INCLUDE_IN_ROLLUP_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
DEFECT_TRACKING_ON_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
DEMAND_TIME_FENCE_CODE	MTL_TIME_FENCE	MFG_LOOKUPS
	1	Cumulative total lead time
	2	Cumulative manufacturing lead time
	3	Total lead time
	4	User-defined time fence
DOWNLOADABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ELECTRONIC_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
END_ASSEMBLY_PEGGING_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ENG_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
EQUIPMENT_TYPE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
EVENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
EXPENSE_BILLABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
FINANCING_ALLOWED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INDIVISIBLE_FLAG	YES_NO	FND_LOOKUPS
	N	No

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	Y	Yes
INSPECTION_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INTERNAL_ORDER_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INTERNAL_ORDER_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_ASSET_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_PLANNING_CODE	MTL_MATERIAL_PLANNING	MFG_LOOKUPS
	1	Reorder point planning
	2	Min-max planning
	6	Not planned
INVOICEABLE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVOICE_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ITEM_TYPE	ITEM_TYPE	FND_COMMON_LOOKUPS
	AOC	ATO Option Class
	ATO	ATO Model
	BMW	BMW Type
	FG	Finished Good
	I	Inventory Type
	K	Kit
	M	Model
	OC	Option Class
	OO	Outside Operation
	OP	Outside Processing Item
	P	Purchased item
	PF	Product Family
	PH	Phantom item
	PL	Planning
	POC	PTO Option Class
	PTO	PTO model
	REF	Reference item
	SA	Subassembly
	SI	Supply item
LOCATION_CONTROL_CODE	MTL_LOCATION_CONTROL	MFG_LOOKUPS
	1	No locator control
	2	Prespecified locator control
	3	Dynamic entry locator control

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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
LOT_CONTROL_CODE	MTL_LOT_CONTROL	MFG_LOOKUPS
	1	No lot control
	2	Full lot control
LOT_MERGE_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
LOT_SPLIT_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
LOT_STATUS_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
MATERIAL_BILLABLE_FLAG	MTL_SERVICE_BILLABLE_FLAG	CS_LOOKUPS
	E	Expense
	L	Labor
	M	Material
MRP_CALCULATE_ATP_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
MRP_PLANNING_CODE	MRP_PLANNING_CODE	MFG_LOOKUPS
	3	MRP planning
	4	MPS planning
	6	Not planned
	7	MRP and DRP planning
	8	MPS and DRP planning
	9	DRP planning
MRP_SAFETY_STOCK_CODE	MTL_SAFETY_STOCK_TYPE	MFG_LOOKUPS
	1	Non-MRP planned
	2	MRP planned percent
MTL_TRANSACTIONS_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
MUST_USE_APPROVED_VENDOR_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ORDERABLE_ON_WEB_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
OUTSIDE_OPERATION_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PICK_COMPONENTS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PLANNING_MAKE_BUY_CODE	MTL_PLANNING_MAKE_BUY	MFG_LOOKUPS
	1	Make
	2	Buy

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
PLANNING_TIME_FENCE_CODE	MTL_TIME_FENCE	MFG_LOOKUPS
	1	Cumulative total lead time
	2	Cumulative manufacturing lead time
	3	Total lead time
	4	User-defined time fence
PREVENTIVE_MAINTENANCE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded
PRORATE_SERVICE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PURCHASING_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PURCHASING_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RECEIPT_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RELEASE_TIME_FENCE_CODE	MTL_RELEASE_TIME_FENCE	MFG_LOOKUPS
	1	Cumulative total lead time
	2	Cumulative manufacturing lead time
	3	Item total lead time
	4	User-defined time fence
	5	No not autorelease
	6	Kanban Item (Do Not Release)
REPETITIVE_PLANNING_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
REPLENISH_TO_ORDER_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RESERVABLE_TYPE	MTL_RESERVATION_CONTROL	MFG_LOOKUPS
	1	Reservable
	2	Not reservable
RESTRICT_LOCATORS_CODE	MTL_LOCATOR_RESTRICTIONS	MFG_LOOKUPS
	1	Locators restricted to pre-defined list
	2	Locators not restricted to pre-defined list
RESTRICT_SUBINVENTORIES_CODE	MTL_SUBINVENTORY_RESTRICTIONS	MFG_LOOKUPS

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## QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	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
SERIAL_STATUS_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SERVICEABLE_COMPONENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SERVICEABLE_PRODUCT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SERVICE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SHELF_LIFE_CODE	MTL_SHELF_LIFE	MFG_LOOKUPS
	1	No shelf life control
	2	Item shelf life days
	4	User-defined expiration date
SHIPPABLE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SHIP_MODEL_COMPLETE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SOURCE_TYPE	MTL_SOURCE_TYPES	MFG_LOOKUPS

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QuickCodes Columns (Continued)

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

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
SUMMARY_FLAG	NULL	VARCHAR2(1)	Flexfield summary flag
ENABLED_FLAG	NULL	VARCHAR2(1)	Flexfield segment enabled flag
START_DATE_ACTIVE	NULL	DATE	Flexfield segment start date
END_DATE_ACTIVE	NULL	DATE	Flexfield segment end date
DESCRIPTION	NULL	VARCHAR2(240)	Item description
LONG_DESCRIPTION	NULL	VARCHAR2(4000)	Item Long Description
BUYER_ID	NULL	NUMBER	Buyer identifier
ACCOUNTING_RULE_ID	NULL	NUMBER	Accounting rule identifier
INVOICING_RULE_ID	NULL	NUMBER	Invoicing rule identifier
SEGMENT1	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT2	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT3	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT4	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT5	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT6	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT7	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT8	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT9	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT10	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT11	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT12	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT13	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT14	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT15	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT16	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT17	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT18	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT19	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT20	NULL	VARCHAR2(40)	Key flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment

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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
PURCHASING_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating purchasing item
SHIPPABLE_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating shippable item
CUSTOMER_ORDER_FLAG	NULL	VARCHAR2(1)	Flag indicating customer orderable item
INTERNAL_ORDER_FLAG	NULL	VARCHAR2(1)	Flag indicating internally orderable item
SERVICE_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating service item
INVENTORY_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating inventory item
ENG_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating engineering item
INVENTORY_ASSET_FLAG	NULL	VARCHAR2(1)	Flag indicating item is an inventory asset
PURCHASING_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is purchasable
CUSTOMER_ORDER_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is customer orderable
INTERNAL_ORDER_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is internally orderable
SO_TRANSACTIONS_FLAG	NULL	VARCHAR2(1)	Sales order transactions flag
MTL_TRANSACTIONS_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is transactable
STOCK_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is stockable
BOM_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item may appear on a BOM
BUILD_IN_WIP_FLAG	NULL	VARCHAR2(1)	Flag indicating item may be built in WIP
REVISION_QTY_CONTROL_CODE	NULL	NUMBER	Revision quantity control code
ITEM_CATALOG_GROUP_ID	NULL	NUMBER	Item catalog group identifier
CATALOG_STATUS_FLAG	NULL	VARCHAR2(1)	Flag indicating item catalog complete
CHECK_SHORTAGES_FLAG	NULL	VARCHAR2(1)	Flag indicating material shortages should be checked for this item
RETURNABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item is returnable
DEFAULT_SHIPPING_ORG	NULL	NUMBER	Default shipping organization
COLLATERAL_FLAG	NULL	VARCHAR2(1)	Flag indicating item is collateral item
TAXABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item is taxable
QTY_RCV_EXCEPTION_CODE	NULL	VARCHAR2(25)	Over tolerance receipts processing method code
ALLOW_ITEM_DESC_UPDATE_FLAG	NULL	VARCHAR2(1)	Allow item description updates on PO lines
INSPECTION_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether inspection is required upon receipt
RECEIPT_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag indicating supplier receipt is required
MARKET_PRICE	NULL	NUMBER	Purchasing market price
HAZARD_CLASS_ID	NULL	NUMBER	Purchasing hazard identifier
RFQ_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether an RFQ (request for quotation) is required

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Column Descriptions (Continued)

Name	Null?	Type	Description
QTY_RCV_TOLERANCE	NULL	NUMBER	Maximum acceptable over-receipt percentage
LIST_PRICE_PER_UNIT	NULL	NUMBER	Unit list price - purchasing
UN_NUMBER_ID	NULL	NUMBER	Purchasing UN (United Nations) number
PRICE_TOLERANCE_PERCENT	NULL	NUMBER	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
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
LOCATION_CONTROL_CODE	NULL	NUMBER	Stock locator control code
SHRINKAGE_RATE	NULL	NUMBER	Planned shrinkage rate
ACCEPTABLE_EARLY_DAYS	NULL	NUMBER	Days an order may be early before rescheduling is recommended
PLANNING_TIME_FENCE_CODE	NULL	NUMBER	Planning time fence code
DEMAND_TIME_FENCE_CODE	NULL	NUMBER	Demand time fence code
LEAD_TIME_LOT_SIZE	NULL	NUMBER	Lead time lot size
STD_LOT_SIZE	NULL	NUMBER	Standard lot size
CUM_MANUFACTURING_LEAD_TIME	NULL	NUMBER	Cumulative manufacturing lead time
OVERRUN_PERCENTAGE	NULL	NUMBER	MRP repetitive acceptable overrun rate
MRP_CALCULATE_ATP_FLAG	NULL	VARCHAR2(1)	Calculate ATP flag (y/n) for MRP planning routine
ACCEPTABLE_RATE_INCREASE	NULL	NUMBER	MRP repetitive acceptable rate increase
ACCEPTABLE_RATE_DECREASE	NULL	NUMBER	MRP repetitive acceptable rate decrease
CUMULATIVE_TOTAL_LEAD_TIME	NULL	NUMBER	Cumulative total lead time
PLANNING_TIME_FENCE_DAYS	NULL	NUMBER	Planning time fence days
DEMAND_TIME_FENCE_DAYS	NULL	NUMBER	Demand time fence days
END_ASSEMBLY_PEGGING_FLAG	NULL	VARCHAR2(1)	End assembly pegging flag (y/n) for MRP
REPETITIVE_PLANNING_FLAG	NULL	VARCHAR2(1)	Flag indicating item to be planned as repetitive schedule
PLANNING_EXCEPTION_SET	NULL	VARCHAR2(10)	Exception control set
BOM_ITEM_TYPE	NULL	NUMBER	Type of item
PICK_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating whether all shippable components should be picked
REPLENISH_TO_ORDER_FLAG	NULL	VARCHAR2(1)	Assemble to Order flag
BASE_ITEM_ID	NULL	NUMBER	Base item identifier
ATP_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item may have components requiring ATP check
ATP_FLAG	NULL	VARCHAR2(1)	Flag indicating ATP must be checked when item is ordered
FIXED_LEAD_TIME	NULL	NUMBER	Fixed portion of the assembly's lead time
VARIABLE_LEAD_TIME	NULL	NUMBER	Variable portion of an assembly's lead time
WIP_SUPPLY_LOCATOR_ID	NULL	NUMBER	Supply locator for WIP transactions
WIP_SUPPLY_TYPE	NULL	NUMBER	Source of WIP material supply
WIP_SUPPLY_SUBINVENTORY	NULL	VARCHAR2(10)	Supply subinventory for WIP transactions
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Primary unit of measure code
PRIMARY_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Primary stocking unit of measure for the item
ALLOWED_UNITS_LOOKUP_CODE	NULL	NUMBER	Allowed unit of measure conversion type
COST_OF_SALES_ACCOUNT	NULL	NUMBER	Cost of sales account
SALES_ACCOUNT	NULL	NUMBER	Sales account
DEFAULT_INCLUDE_IN_ROLLUP_FLAG	NULL	VARCHAR2(1)	Default value for include in cost rollup (Y or N)
INVENTORY_ITEM_STATUS_CODE	NULL	VARCHAR2(10)	Material status code
INVENTORY_PLANNING_CODE	NULL	NUMBER	Inventory planning code
PLANNER_CODE	NULL	VARCHAR2(10)	Planner code

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Column Descriptions (Continued)

Name	Null?	Type	Description
PLANNING_MAKE_BUY_CODE	NULL	NUMBER	Indicates whether item is planned as manufactured or purchased
FIXED_LOT_MULTIPLIER	NULL	NUMBER	Fixed lot size multiplier
ROUNDING_CONTROL_TYPE	NULL	NUMBER	Rounding control code
CARRYING_COST	NULL	NUMBER	Annual carrying cost
POSTPROCESSING_LEAD_TIME	NULL	NUMBER	Post-processing lead time
PREPROCESSING_LEAD_TIME	NULL	NUMBER	Pre-processing lead time
FULL_LEAD_TIME	NULL	NUMBER	Full lead time
ORDER_COST	NULL	NUMBER	Order cost
MRP_SAFETY_STOCK_PERCENT	NULL	NUMBER	Safety stock percentage
MRP_SAFETY_STOCK_CODE	NULL	NUMBER	Safety stock code
MIN_MINMAX_QUANTITY	NULL	NUMBER	Minimum minmax order quantity
MAX_MINMAX_QUANTITY	NULL	NUMBER	Maximum minmax order quantity
MINIMUM_ORDER_QUANTITY	NULL	NUMBER	Minimum order quantity
FIXED_ORDER_QUANTITY	NULL	NUMBER	Fixed order quantity
FIXED_DAYS_SUPPLY	NULL	NUMBER	Fixed days supply
MAXIMUM_ORDER_QUANTITY	NULL	NUMBER	Maximum order quantity
ATP_RULE_ID	NULL	NUMBER	Available to promise rule to be used for this item
PICKING_RULE_ID	NULL	NUMBER	Picking rule code
RESERVABLE_TYPE	NULL	NUMBER	Hard reservations allowed flag
POSITIVE_MEASUREMENT_ERROR	NULL	NUMBER	Percent error above measured quantity
NEGATIVE_MEASUREMENT_ERROR	NULL	NUMBER	Percent error below measured quantity
ENGINEERING_ECN_CODE	NULL	VARCHAR2(50)	Engineering ECN code
ENGINEERING_ITEM_ID	NULL	NUMBER	Engineering implemented item identifier
ENGINEERING_DATE	NULL	DATE	Engineering implementation date
SERVICE_STARTING_DELAY	NULL	NUMBER	Days after shipment that service begins
VENDOR_WARRANTY_FLAG	NULL	VARCHAR2(1)	Flag indicating service for the item is provided by a supplier
SERVICEABLE_COMPONENT_FLAG	NULL	VARCHAR2(1)	Indicates whether the item is serviceable by other service-type items and whether it can be referenced as the component of another item
SERVICEABLE_PRODUCT_FLAG	NULL	VARCHAR2(1)	Indicates whether the item is serviceable by other service-type items and can have service requests reported against it
BASE_WARRANTY_SERVICE_ID	NULL	NUMBER	Base warranty identifier
PAYMENT_TERMS_ID	NULL	NUMBER	Payment terms identifier
PREVENTIVE_MAINTENANCE_FLAG	NULL	VARCHAR2(1)	Indicates whether the item can be a preventive maintenance service item
PRIMARY_SPECIALIST_ID	NULL	NUMBER	Primary service specialist
SECONDARY_SPECIALIST_ID	NULL	NUMBER	Secondary service specialist
SERVICEABLE_ITEM_CLASS_ID	NULL	NUMBER	Serviceable item class identifier
TIME_BILLABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating service labor hours are billable
MATERIAL_BILLABLE_FLAG	NULL	VARCHAR2(30)	Flag indicating service material is billable
EXPENSE_BILLABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating service expenses are billable

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Column Descriptions (Continued)

Name	Null?	Type	Description
PRORATE_SERVICE_FLAG	NULL	VARCHAR2(1)	Flag indicating cost of service may be prorated
COVERAGE_SCHEDULE_ID	NULL	NUMBER	Coverage schedule identifier
SERVICE_DURATION_PERIOD_CODE	NULL	VARCHAR2(10)	Period code for default service duration
SERVICE_DURATION	NULL	NUMBER	Default service duration
WARRANTY_VENDOR_ID	NULL	NUMBER	Service supplier identifier
MAX_WARRANTY_AMOUNT	NULL	NUMBER	Monetary value of service costs covered by the item
RESPONSE_TIME_PERIOD_CODE	NULL	VARCHAR2(30)	Period code for service response time
RESPONSE_TIME_VALUE	NULL	NUMBER	Default response time
NEW_REVISION_CODE	NULL	VARCHAR2(30)	Indicates how to notify customers of new revisions of the item
INVOICEABLE_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating item may appear on invoices
TAX_CODE	NULL	VARCHAR2(50)	Tax code
INVOICE_ENABLED_FLAG	NULL	VARCHAR2(1)	Indicates whether the item can be invoiced
MUST_USE_APPROVED_VENDOR_FLAG	NULL	VARCHAR2(1)	Flag indicating purchases restricted to approved supplier
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
OUTSIDE_OPERATION_FLAG	NULL	VARCHAR2(1)	Flag indicating item may appear on outside operation purchase order
OUTSIDE_OPERATION_UOM_TYPE	NULL	VARCHAR2(25)	Outside operation unit of measure
SAFETY_STOCK_BUCKET_DAYS	NULL	NUMBER	Safety stock bucket days
AUTO_REDUCE_MPS	NULL	NUMBER(22)	Automatically deletes MPS entries within a time period
COSTING_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating cost information is maintained
CYCLE_COUNT_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item may be cycle counted
DEMAND_SOURCE_LINE	NULL	VARCHAR2(30)	Demand source line - used for ATO
COPY_ITEM_ID	NULL	NUMBER	Inventory item identifier to copy attributes from
SET_ID	NULL	VARCHAR2(10)	Set identifier - used for ATO
REVISION	NULL	VARCHAR2(3)	Item revision
AUTO_CREATED_CONFIG_FLAG	NULL	VARCHAR2(1)	Flag indicating configuration item automatically created
ITEM_TYPE	NULL	VARCHAR2(30)	User-defined item type
MODEL_CONFIG_CLAUSE_NAME	NULL	VARCHAR2(10)	(not used for open interface)
SHIP_MODEL_COMPLETE_FLAG	NULL	VARCHAR2(1)	Flag indicating model must be complete to ship
MRP_PLANNING_CODE	NULL	NUMBER	MRP Planning option
RETURN_INSPECTION_REQUIREMENT	NULL	NUMBER	RMA inspection requirement
DEMAND_SOURCE_TYPE	NULL	NUMBER	Demand source type - used for ATO
DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	Demand source header identifier - used for ATO
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation of organization name
ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
COPY_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments of copied item
TEMPLATE_ID	NULL	NUMBER	Template identifier
TEMPLATE_NAME	NULL	VARCHAR2(30)	Template name
COPY_ORGANIZATION_ID	NULL	NUMBER	Organization identifier of copied item
COPY_ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation of organization name of copied item
ATO_FORECAST_CONTROL	NULL	NUMBER	Type of forecast control for ATO
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Transaction type
MATERIAL_COST	NULL	NUMBER	Material cost
MATERIAL_SUB_ELEM	NULL	VARCHAR2(10)	Material sub-element
MATERIAL_OH_RATE	NULL	NUMBER	Material overhead rate
MATERIAL_OH_SUB_ELEM	NULL	VARCHAR2(10)	Material overhead sub-element
MATERIAL_SUB_ELEM_ID	NULL	NUMBER	Material sub-element identifier
MATERIAL_OH_SUB_ELEM_ID	NULL	NUMBER	Material overhead sub-element identifier
RELEASE_TIME_FENCE_CODE	NULL	NUMBER	Release time fence code
RELEASE_TIME_FENCE_DAYS	NULL	NUMBER	Release time fence days
CONTAINER_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item is a container. Used for shipping sales orders
VEHICLE_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item is a vehicle. Used for shipping sales orders
MAXIMUM_LOAD_WEIGHT	NULL	NUMBER	Maximum load weight of a container or a vehicle that can be used for shipping sales orders
MINIMUM_FILL_PERCENT	NULL	NUMBER	Minimum fill condition under which a container or vehicle should be used
CONTAINER_TYPE_CODE	NULL	VARCHAR2(30)	Container type code for container items. Container types are user definable
INTERNAL_VOLUME	NULL	NUMBER	Internal volume of container items. Used by Shipping to calculate container capacity restrictions
SET_PROCESS_ID	NOT NULL	NUMBER	Used when multiple Item Open Interface processes are run in parallel
WH_UPDATE_DATE	NULL	DATE	
PRODUCT_FAMILY_ITEM_ID	NULL	NUMBER	
PURCHASING_TAX_CODE	NULL	VARCHAR2(50)	
OVERCOMPLETION_TOLERANCE_TYPE	NULL	NUMBER	
OVERCOMPLETION_TOLERANCE_VALUE	NULL	NUMBER	
EFFECTIVITY_CONTROL	NULL	NUMBER	Effectivity control code. Indicates if the item is under Date Effectivity or Model/Unit Number Effectivity control.
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Global descriptive flexfield structure defining column
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Global descriptive flexfield segment



Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Global descriptive flexfield segment
OVER_SHIPMENT_TOLERANCE	NULL	NUMBER	Over shipment tolerance
UNDER_SHIPMENT_TOLERANCE	NULL	NUMBER	Under shipment tolerance
OVER_RETURN_TOLERANCE	NULL	NUMBER	Over return tolerance
UNDER_RETURN_TOLERANCE	NULL	NUMBER	Under return tolerance
EQUIPMENT_TYPE	NULL	NUMBER	Flag indicating item is equipment
RECOVERED_PART_DISP_CODE	NULL	VARCHAR2(30)	
DEFECT_TRACKING_ON_FLAG	NULL	VARCHAR2(1)	
USAGE_ITEM_FLAG	NULL	VARCHAR2(1)	
EVENT_FLAG	NULL	VARCHAR2(1)	
ELECTRONIC_FLAG	NULL	VARCHAR2(1)	
DOWNLOADABLE_FLAG	NULL	VARCHAR2(1)	
VOL_DISCOUNT_EXEMPT_FLAG	NULL	VARCHAR2(1)	
COUPON_EXEMPT_FLAG	NULL	VARCHAR2(1)	
COMMS_NL_TRACKABLE_FLAG	NULL	VARCHAR2(1)	
ASSET_CREATION_CODE	NULL	VARCHAR2(30)	
COMMS_ACTIVATION_REQD_FLAG	NULL	VARCHAR2(1)	
ORDERABLE_ON_WEB_FLAG	NULL	VARCHAR2(1)	
BACK_ORDERABLE_FLAG	NULL	VARCHAR2(1)	
WEB_STATUS	NULL	VARCHAR2(30)	
INDIVISIBLE_FLAG	NULL	VARCHAR2(1)	
DIMENSION_UOM_CODE	NULL	VARCHAR2(3)	
UNIT_LENGTH	NULL	NUMBER	
UNIT_WIDTH	NULL	NUMBER	
UNIT_HEIGHT	NULL	NUMBER	
BULK_PICKED_FLAG	NULL	VARCHAR2(1)	
LOT_STATUS_ENABLED	NULL	VARCHAR2(1)	
DEFAULT_LOT_STATUS_ID	NULL	NUMBER	
SERIAL_STATUS_ENABLED	NULL	VARCHAR2(1)	
DEFAULT_SERIAL_STATUS_ID	NULL	NUMBER	
LOT_SPLIT_ENABLED	NULL	VARCHAR2(1)	
LOT_MERGE_ENABLED	NULL	VARCHAR2(1)	
INVENTORY_CARRY_PENALTY	NULL	NUMBER	Penalty incurred for holding this item inventory
OPERATION_SLACK_PENALTY	NULL	NUMBER	Penalty incurred for time in between two operations
FINANCING_ALLOWED_FLAG	NULL	VARCHAR2(1)	Item is eligible for financing

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### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SYSTEM_ITEMS_INTERFACE_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_INTERFACE_N2	NOT UNIQUE	1	ITEM_NUMBER
MTL_SYSTEM_ITEMS_INTERFACE_N3	NOT UNIQUE	1	SET_PROCESS_ID
MTL_SYSTEM_ITEMS_INTERFACE_N4	NOT UNIQUE	1	ORGANIZATION_ID
		2	SEGMENT1
MTL_SYSTEM_ITEMS_INTERFACE_U1	UNIQUE	1	TRANSACTION_ID

### Sequences

Sequence	Derived Column
MTL_SYSTEM_ITEMS_INTF_SETS_S	SET_PROCESS_ID

## MTL\_SYSTEM\_ITEMS\_TL

MTL\_SYSTEM\_ITEMS\_TL is a table holding translated Description column for Items.

Items now support multilingual description. MLS is implemented with a pair of tables: MTL\_SYSTEM\_ITEMS\_B and MTL\_SYSTEM\_ITEMS\_TL. Translations table (MTL\_SYSTEM\_ITEMS\_TL) holds item descriptions in multiple languages.

### Foreign Keys

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

### Column Descriptions

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

### Indexes

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

### Database Triggers

Trigger Name : MTL\_SYSTEM\_ITEMS\_TL\_TA\_IBE  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This trigger calls iStore procedures to update search table that depends on MTL\_SYSTEM\_ITEMS\_TL table.

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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	LOCATOR_ID
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID	TRANSFER_LOCATOR
	ORGANIZATION_ID	TRANSFER_ORGANIZATION
MTL_ITEM_REVISIONS	REVISION	REVISION
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	SUBINVENTORY_CODE
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	TRANSFER_SUBINVENTORY
	ORGANIZATION_ID	TRANSFER_ORGANIZATION
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_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	SCHEDULE_NUMBER
	ORGANIZATION_ID	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	NULL	VARCHAR2(30)	Flow schedule number
SCHEDULED_FLAG	NULL	NUMBER	Specifies whether flow schedule is scheduled or not
FLOW_SCHEDULE	NULL	VARCHAR2(1)	Specifies whether the WIP transaction is a flow or schedule type transaction
COST_GROUP_ID	NULL	NUMBER	Cost group identifier - Used by WMS only
TRANSFER_COST_GROUP_ID	NULL	NUMBER	Transfer Cost Group Identifier
KANBAN_CARD_ID	NULL	NUMBER	
QA_COLLECTION_ID	NULL	NUMBER	QA Results Identifier
OVERCOMPLETION_TRANSACTION_QTY	NULL	NUMBER	Overcompletion transaction quantity
OVERCOMPLETION_PRIMARY_QTY	NULL	NUMBER	Overcompletion Primary Quantity
OVERCOMPLETION_TRANSACTION_ID	NULL	NUMBER	
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(60)	End Item Unit Number
SCHEDULED_PAYBACK_DATE	NULL	DATE	Standard Who column
ORG_COST_GROUP_ID	NULL	NUMBER	
COST_TYPE_ID	NULL	NUMBER	
LPN_ID	NULL	NUMBER	License Plate Number Identifier
TRANSFER_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier
CONTENT_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTIONS_INTERFACE_N1	NOT UNIQUE	1	TRANSACTION_HEADER_ID
MTL_TRANSACTIONS_INTERFACE_N2	NOT UNIQUE	1	PARENT_ID
MTL_TRANSACTIONS_INTERFACE_N3	NOT UNIQUE	10	PICKING_LINE_ID
MTL_TRANSACTIONS_INTERFACE_U1	UNIQUE	1	TRANSACTION_INTERFACE_ID

# 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	ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TRANSACTION_SOURCE_TYPE_ID
ORG_GL_BATCHES	GL_BATCH_ID	GL_BATCH_ID
	ORGANIZATION_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	MFG_LOOKUPS
	1	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\_BR11  
 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.



## MTL\_TRANSACTION\_ACCOUNTS\_EFC

MTL\_TRANSACTION\_ACCOUNTS\_EFC is used exclusively as an archive table for the "Euro as a functional currency" project. It mirrors the table MTL\_TRANSACTION\_ACCOUNTS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID	NULL	NUMBER	Transaction Identifier
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency Conversion Rate
REFERENCE_ACCOUNT	NULL	NUMBER	Reference Account
BASE_TRANSACTION_VALUE	NOT NULL	NUMBER	Base Transaction Value
RATE_OR_AMOUNT	NULL	NUMBER	Rate Or Amount
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

# MTL\_TRANSACTION\_LOTS\_INTERFACE

MTL\_TRANSACTION\_LOTS\_INTERFACE is the interface analogy of  
MTL\_TRANSACTION\_LOTS\_TEMP.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SERIAL_NUMBERS_INTERFACE	TRANSACTION_INTERFACE_ID	SERIAL_TRANSACTION_TEMP_ID

## Column Descriptions

Name	Null?	Type	Description
TRANSACTION_INTERFACE_ID (PK)	NOT NULL	NUMBER	Transaction identifier
SOURCE_CODE	NULL	VARCHAR2(30)	Source identifier
SOURCE_LINE_ID	NULL	NUMBER	Source line identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
LOT_NUMBER	NOT NULL	VARCHAR2(30)	Lot number
LOT_EXPIRATION_DATE	NULL	DATE	Expiration date
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction Quantity
PRIMARY_QUANTITY	NULL	NUMBER	Quantity
SERIAL_TRANSACTION_TEMP_ID	NULL	NUMBER	Serial transaction identifier
ERROR_CODE	NULL	VARCHAR2(240)	Error code
PROCESS_FLAG	NULL	VARCHAR2(1)	Row Process Flag (Not used currently)
DESCRIPTION	NULL	VARCHAR2(256)	- Used By WMS Only
VENDOR_ID	NULL	NUMBER	Identification for Vendor- Used By WMS Only
SUPPLIER_LOT_NUMBER	NULL	VARCHAR2(150)	Supplier Lot Number- Used By WMS Only
TERRITORY_CODE	NULL	VARCHAR2(30)	Territory code for country of Origin
ORIGINATION_DATE	NULL	DATE	Origination date of the lot- Used By WMS Only
DATE_CODE	NULL	VARCHAR2(150)	A code identifying the date of packaging or assembly- Used By WMS Only
GRADE_CODE	NULL	VARCHAR2(150)	The sublabeling of items, lots and sublots to identify their particular makeup and to separate one lot from other production lots of the same item.- Used By WMS Only
CHANGE_DATE	NULL	DATE	A user entered attribute that defines the date on which an attribute of the lot or subplot was last changed.- Used By WMS Only
MATURITY_DATE	NULL	DATE	The date on which the lot matures- Used By WMS Only
STATUS_ID	NULL	NUMBER	Identifier for the status of lot - Used by WMS only

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Column Descriptions (Continued)

Name	Null?	Type	Description
RETEST_DATE	NULL	DATE	Restest Date- Used By WMS Only
AGE	NULL	NUMBER	The age of the lot or subplot in days after the creation date.- Used By WMS Only
ITEM_SIZE	NULL	NUMBER	Item size- Used By WMS Only
COLOR	NULL	VARCHAR2(150)	Color- Used By WMS Only
VOLUME	NULL	NUMBER	volume- Used By WMS Only
VOLUME_UOM	NULL	VARCHAR2(3)	UOM for measuring Volume- Used By WMS Only
PLACE_OF_ORIGIN	NULL	VARCHAR2(150)	A value indicating the place the inventory originated- Used By WMS Only
BEST_BY_DATE	NULL	DATE	The date on or before which the lot or subplot is best used- Used By WMS Only
LENGTH	NULL	NUMBER	length- Used By WMS Only
LENGTH_UOM	NULL	VARCHAR2(3)	UOM to measure lenght- Used By WMS Only
RECYCLED_CONTENT	NULL	NUMBER	The content, usually expressed as a percentage, of the product that is made up of recycled materials- Used By WMS Only
THICKNESS	NULL	NUMBER	Thickness- Used By WMS Only
THICKNESS_UOM	NULL	VARCHAR2(3)	UOM to measure thickness- Used By WMS Only
WIDTH	NULL	NUMBER	width- Used By WMS Only
WIDTH_UOM	NULL	VARCHAR2(3)	UOM to measure width- Used By WMS Only
CURL_WRINKLE_FOLD	NULL	VARCHAR2(150)	This attribute is used in the pulp and paper industry to identify potential problems when feeding the paper through machinery.- Used By WMS Only
LOT_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Lot attributes descriptive flexfield structure defining column- Used By WMS Only
C_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used By WMS Only
C_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used By WMS Only
C_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used By WMS Only
C_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used By WMS Only
C_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used By WMS Only
C_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used By WMS Only
C_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used By WMS Only
C_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used By WMS Only
C_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used By WMS Only
C_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used By WMS Only
C_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used By WMS Only
C_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment- Used By WMS Only

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Column Descriptions (Continued)

Name	Null?	Type	Description
C_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
C_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE1	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE2	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE3	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE4	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE5	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE6	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE7	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE8	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE9	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
D_ATTRIBUTE10	NULL	DATE	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE1	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE2	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE3	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE4	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE5	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE6	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE7	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE8	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE9	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only
N_ATTRIBUTE10	NULL	NUMBER	Descriptive flexfield segment-Used By WMS Only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTION_LOTS_INT_N1	NOT UNIQUE	1	TRANSACTION_INTERFACE_ID

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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		NUMBER	Standard Who column
REQUEST_ID		NUMBER	Standard Who column
PROGRAM_APPLICATION_ID		NUMBER	Standard Who column
PROGRAM_ID		NUMBER	Standard Who column
PROGRAM_UPDATE_DATE		DATE	Standard Who column
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction Quantity, in the userr's preferred unit of measure
PRIMARY_QUANTITY	NOT NULL	NUMBER	Transaction quantity, in the item's primary unit of measure
LOT_NUMBER	NOT NULL	VARCHAR2(30)	Transaction lot number
LOT_EXPIRATION_DATE		DATE	Lot expiration date
ERROR_CODE		VARCHAR2(240)	Lot number transaction error code
SERIAL_TRANSACTION_TEMP_ID		NUMBER	connects the corresponding rows in MTL_SERIAL_NUMBERS_TEMP to this table through the TRANSACTION_TEMP_ID
GROUP_HEADER_ID		NUMBER	Group identifier
PUT_AWAY_RULE_ID		NUMBER	
PICK_RULE_ID		NUMBER	
DESCRIPTION		VARCHAR2(256)	- Used By WMS Only
VENDOR_ID		NUMBER	Identification for Vendor- Used By WMS Only
SUPPLIER_LOT_NUMBER		VARCHAR2(150)	SUPPLIER LOT NUMBER- Used By WMS Only
TERRITORY_CODE		VARCHAR2(30)	Territory Code for Country of Origin

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORIGINATION_DATE	NULL	DATE	Originaion Code- Used By WMS Only
DATE_CODE	NULL	VARCHAR2(150)	Date Code- Used By WMS Only
GRADE_CODE	NULL	VARCHAR2(150)	Grade Code- Used By WMS Only
CHANGE_DATE	NULL	DATE	Change Date- Used By WMS Only
MATURITY_DATE	NULL	DATE	Maturity Date- Used By WMS Only
STATUS_ID	NULL	NUMBER	Status Identifier - Used by WMS only
RETEST_DATE	NULL	DATE	Retest Date- Used By WMS Only
AGE	NULL	NUMBER	Age- Used By WMS Only
ITEM_SIZE	NULL	NUMBER	Item Size- Used By WMS Only
COLOR	NULL	VARCHAR2(150)	Color- Used By WMS Only
VOLUME	NULL	NUMBER	Volume- Used By WMS Only
VOLUME_UOM	NULL	VARCHAR2(3)	Volume UOM- Used By WMS Only
PLACE_OF_ORIGIN	NULL	VARCHAR2(150)	Place of Origin- Used By WMS Only
BEST_BY_DATE	NULL	DATE	Best By Date- Used By WMS Only
LENGTH	NULL	NUMBER	Length- Used By WMS Only
LENGTH_UOM	NULL	VARCHAR2(3)	Length UOM- Used By WMS Only
RECYCLED_CONTENT	NULL	NUMBER	Recycled Content- Used By WMS Only
THICKNESS	NULL	NUMBER	Thickness- Used By WMS Only
THICKNESS_UOM	NULL	VARCHAR2(3)	Thickness UOM- Used By WMS Only
WIDTH	NULL	NUMBER	Width- Used By WMS Only
WIDTH_UOM	NULL	VARCHAR2(3)	Width UOM- Used By WMS Only
CURL_WRINKLE_FOLD	NULL	VARCHAR2(150)	Curl Wrinkle Fold- Used By WMS Only
LOT_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Lot Attribute Category- Used By WMS Only
C_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only

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Column Descriptions (Continued)

Name	Null?	Type	Description
C_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive Flexfield Segment-Used By WMS Only
C_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive Flexfield Segment-Used By WMS Only
C_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive Flexfield Segment-Used By WMS Only
C_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive Flexfield Segment-Used By WMS Only
C_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive Flexfield Segment-Used By WMS Only
D_ATTRIBUTE1	NULL	DATE	Descriptive Flexfield Segment-Used By WMS Only
D_ATTRIBUTE2	NULL	DATE	Descriptive Flexfield Segment-Used By WMS Only
D_ATTRIBUTE3	NULL	DATE	Descriptive Flexfield Segment-Used By WMS Only
D_ATTRIBUTE4	NULL	DATE	Descriptive Flexfield Segment-Used By WMS Only
D_ATTRIBUTE5	NULL	DATE	Descriptive Flexfield Segment-Used By WMS Only
D_ATTRIBUTE6	NULL	DATE	Descriptive Flexfield Segment-Used By WMS Only
D_ATTRIBUTE7	NULL	DATE	Descriptive Flexfield Segment-Used By WMS Only
D_ATTRIBUTE8	NULL	DATE	Descriptive Flexfield Segment-Used By WMS Only
D_ATTRIBUTE9	NULL	DATE	Descriptive Flexfield Segment-Used By WMS Only
D_ATTRIBUTE10	NULL	DATE	Descriptive Flexfield Segment-Used By WMS Only
N_ATTRIBUTE1	NULL	NUMBER	Descriptive Flexfield Segment-Used By WMS Only
N_ATTRIBUTE2	NULL	NUMBER	Descriptive Flexfield Segment-Used By WMS Only
N_ATTRIBUTE3	NULL	NUMBER	Descriptive Flexfield Segment-Used By WMS Only
N_ATTRIBUTE4	NULL	NUMBER	Descriptive Flexfield Segment-Used By WMS Only
N_ATTRIBUTE5	NULL	NUMBER	Descriptive Flexfield Segment-Used By WMS Only
N_ATTRIBUTE6	NULL	NUMBER	Descriptive Flexfield Segment-Used By WMS Only
N_ATTRIBUTE7	NULL	NUMBER	Descriptive Flexfield Segment-Used By WMS Only
N_ATTRIBUTE8	NULL	NUMBER	Descriptive Flexfield Segment-Used By WMS Only
N_ATTRIBUTE9	NULL	NUMBER	Descriptive Flexfield Segment-Used By WMS Only
N_ATTRIBUTE10	NULL	NUMBER	Descriptive Flexfield Segment-Used By WMS Only
VENDOR_NAME	NULL	VARCHAR2(240)	Vendor Name- Used By WMS Only

Indexes

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

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Sequences

Sequence	Derived Column
MTL_LOT_NUMERIC_SUFFIX_S	LOT_NUMBER



## MTL\_TRANSACTION\_LOT\_NUMBERS

MTL\_TRANSACTION\_LOT\_NUMBERS stores lot number information for transactions in the MTL\_MATERIAL\_TRANSACTIONS table.

TRANSACTION\_ID joins to

MTL\_MATERIAL\_TRANSACTIONS.TRANSACTION\_ID.

SERIAL\_TRANSACTION\_ID joins to

MTL\_UNIT\_TRANSACTIONS.TRANSACTION\_ID when also under serial control.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_LOT_NUMBERS	LOT_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID	LOT_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TRANSACTION_SOURCE_TYPE_ID
MTL_UNIT_TRANSACTIONS	TRANSACTION_ID	SERIAL_TRANSACTION_ID

### Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NULL	NUMBER	Transaction identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
TRANSACTION_SOURCE_ID	NULL	NUMBER	Transaction disposition (derived from MTL_MATERIAL_TRANSACTIONS)
TRANSACTION_SOURCE_TYPE_ID	NULL	NUMBER	Disposition type code
TRANSACTION_SOURCE_NAME	NULL	VARCHAR2(240)	Name of the transaction source
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity, in the user's current unit of measure
PRIMARY_QUANTITY	NOT NULL	NUMBER	Transacted Quantity, in the item's primary unit of measure
LOT_NUMBER (PK)	NOT NULL	VARCHAR2(30)	Lot number
SERIAL_TRANSACTION_ID	NULL	NUMBER	Serial transaction identifier - links this table with the corresponding rows in the serial numbers table
DESCRIPTION	NULL	VARCHAR2(256)	Description for the lot number - Used By WMS Only
VENDOR_ID	NULL	NUMBER	Supplier identification (from po_vendors table) - Used By WMS Only
SUPPLIER_LOT_NUMBER	NULL	VARCHAR2(150)	SUPPLIER LOT NUMBER - Used By WMS Only
TERRITORY_CODE	NULL	VARCHAR2(30)	Territory Code TERRITORY CODE
ORIGINATION_DATE	NULL	DATE	ORIGINATION DATE - Used By WMS Only
DATE_CODE	NULL	VARCHAR2(150)	DATE CODE- Used By WMS Only

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Column Descriptions (Continued)

Name	Null?	Type	Description
GRADE_CODE	NULL	VARCHAR2(150)	GRADE CODE- Used By WMS Only
CHANGE_DATE	NULL	DATE	CHANGE DATE - Used By WMS Only
MATURITY_DATE	NULL	DATE	MATURITY DATE- Used By WMS Only
STATUS_ID	NULL	NUMBER	STATUS IDENTIFIER - Used by WMS only
RETEST_DATE	NULL	DATE	RETEST DATE- Used By WMS Only
AGE	NULL	NUMBER	AGE- Used By WMS Only
ITEM_SIZE	NULL	NUMBER	ITEM SIZE- Used By WMS Only
COLOR	NULL	VARCHAR2(150)	COLOR- Used By WMS Only
VOLUME	NULL	NUMBER	VOLUME- Used By WMS Only
VOLUME_UOM	NULL	VARCHAR2(3)	VOLUME UOM- Used By WMS Only
PLACE_OF_ORIGIN	NULL	VARCHAR2(150)	PLACE OF ORIGIN
BEST_BY_DATE	NULL	DATE	BEST BY DATE- Used By WMS Only
LENGTH	NULL	NUMBER	LENGTH- Used By WMS Only
LENGTH_UOM	NULL	VARCHAR2(3)	LENGTH UOM- Used By WMS Only
WIDTH	NULL	NUMBER	WIDTH- Used By WMS Only
WIDTH_UOM	NULL	VARCHAR2(3)	WIDTH UOM- Used By WMS Only
RECYCLED_CONTENT	NULL	NUMBER	RECYCLED CONTENT- Used By WMS Only
THICKNESS	NULL	NUMBER	THICKNESS- Used By WMS Only
THICKNESS_UOM	NULL	VARCHAR2(3)	THICKNESS UOM- Used By WMS Only
CURL_WRINKLE_FOLD	NULL	VARCHAR2(150)	CURL WRINKLE FOLD- Used By WMS Only
LOT_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	LOT ATTRIBUTE CATEGORY- Used By WMS Only
C_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only

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Column Descriptions (Continued)

Name	Null?	Type	Description
C_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive Flexfield- Used By WMS Only
C_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
C_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive Flexfield Segment- Used By WMS Only
D_ATTRIBUTE1	NULL	DATE	Descriptive Flexfield Segment- Used By WMS Only
D_ATTRIBUTE2	NULL	DATE	Descriptive Flexfield Segment- Used By WMS Only
D_ATTRIBUTE3	NULL	DATE	Descriptive Flexfield Segment- Used By WMS Only
D_ATTRIBUTE4	NULL	DATE	Descriptive Flexfield Segment- Used By WMS Only
D_ATTRIBUTE5	NULL	DATE	Descriptive Flexfield Segment- Used By WMS Only
D_ATTRIBUTE6	NULL	DATE	Descriptive Flexfield Segment- Used By WMS Only
D_ATTRIBUTE7	NULL	DATE	Descriptive Flexfield Segment- Used By WMS Only
D_ATTRIBUTE8	NULL	DATE	Descriptive Flexfield Segment- Used By WMS Only
D_ATTRIBUTE9	NULL	DATE	Descriptive Flexfield Segment- Used By WMS Only
D_ATTRIBUTE10	NULL	DATE	Descriptive Flexfield Segment- Used By WMS Only
N_ATTRIBUTE1	NULL	NUMBER	Descriptive Flexfield Segment- Used By WMS Only
N_ATTRIBUTE2	NULL	NUMBER	Descriptive Flexfield Segment- Used By WMS Only
N_ATTRIBUTE3	NULL	NUMBER	Descriptive Flexfield Segment- Used By WMS Only
N_ATTRIBUTE4	NULL	NUMBER	Descriptive Flexfield Segment- Used By WMS Only
N_ATTRIBUTE5	NULL	NUMBER	Descriptive Flexfield Segment- Used By WMS Only
N_ATTRIBUTE6	NULL	NUMBER	Descriptive Flexfield Segment- Used By WMS Only
N_ATTRIBUTE7	NULL	NUMBER	Descriptive Flexfield Segment- Used By WMS Only
N_ATTRIBUTE8	NULL	NUMBER	Descriptive Flexfield Segment- Used By WMS Only
N_ATTRIBUTE9	NULL	NUMBER	Descriptive Flexfield Segment- Used By WMS Only
N_ATTRIBUTE10	NULL	NUMBER	Descriptive Flexfield Segment- Used By WMS Only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTION_LOT_NUMBERS_N1	NOT UNIQUE	1	TRANSACTION_ID
MTL_TRANSACTION_LOT_NUMBERS_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSACTION_DATE
MTL_TRANSACTION_LOT_NUMBERS_N3	NOT UNIQUE	1	ORGANIZATION_ID
		2	LOT_NUMBER
MTL_TRANSACTION_LOT_NUMBERS_N4	NOT UNIQUE	1	TRANSACTION_SOURCE_ID

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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
WORKFLOW_NAME	NULL	VARCHAR2(80)	Workflow Name
WORKFLOW_DISPLAY_NAME	NULL	VARCHAR2(80)	
WORKFLOW_PROCESS	NULL	VARCHAR2(80)	
WORKFLOW_DISPLAY_PROCESS	NULL	VARCHAR2(80)	
REASON_TYPE	NULL	NUMBER	
REASON_TYPE_DISPLAY	NULL	VARCHAR2(80)	

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTION_REASONS_U1	UNIQUE	1	REASON_ID

### Sequences

Sequence	Derived Column
MTL_TRANSACTION_REASONS_S	REASON_ID

## 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
STATUS_CONTROL_FLAG	NULL	NUMBER	Indicates if the transaction type is controlled by status(1) or not (2) - Used by WMS only

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTION_TYPES_U1	UNIQUE	1	TRANSACTION_TYPE_ID

## Sequences

Sequence	Derived Column
MTL_TRANSACTION_TYPES_S	TRANSACTION_TYPE_ID

## MTL\_TXN\_COST\_DET\_INTERFACE

MTL\_TXN\_COST\_DET\_INTERFACE stores transaction cost by element and by level for transactions to be imported through the transaction interface. This is a child table to MTL\_TRANSACTIONS\_INTERFACE.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID

### Column Descriptions

Name	Null?	Type	Description
TRANSACTION_INTERFACE_ID	NOT NULL	NUMBER	Interface transaction identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
CREATED_BY	NOT NULL	NUMBER	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard who column
REQUEST_ID	NULL	NUMBER	Standard who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard who column
PROGRAM_ID	NULL	NUMBER	Standard who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard who column
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
ORGANIZATION_NAME	NULL	VARCHAR2(60)	Organization name
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Organization short name
COST_ELEMENT_ID	NULL	NUMBER	Cost element identifier
COST_ELEMENT	NULL	VARCHAR2(30)	Cost element name
LEVEL_TYPE	NULL	NUMBER	Level type
LEVEL_NAME	NULL	VARCHAR2(10)	Either this level or previous level
TRANSACTION_COST	NULL	NUMBER	Cost of the inventory transaction
NEW_AVERAGE_COST	NULL	NUMBER	Used in average cost update to specify the new average cost of the item
PERCENTAGE_CHANGE	NULL	NUMBER	Used in average cost update to indicate the percentage change in the cost of the item
VALUE_CHANGE	NULL	NUMBER	Used in average cost update to specify the change in inventory value
ERROR_CODE	NULL	VARCHAR2(240)	Error code
ERROR_EXPLANATION	NULL	VARCHAR2(240)	Error explanation.

### Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TXN_COST_DET_INTERFACE_N1	NOT UNIQUE	2	TRANSACTION_INTERFACE_ID

## MTL\_TXN\_REQUEST\_HEADERS

This table stores all of the move order headers. The headers contain all information which pertains to entire move orders, including the transaction type of the move order, the move order type, the move order status, and the request number of the move order.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TO_ACCOUNT_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	FROM_SUBINVENTORY_CODE ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	TO_SUBINVENTORY_CODE ORGANIZATION_ID
MTL_TRANSACTION_TYPES	TRANSACTION_TYPE_ID	TRANSACTION_TYPE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
HEADER_STATUS	MTL_TXN_REQUEST_STATUS	MFG_LOOKUPS
	1	Incomplete
	2	Pending Approval
	3	Approved
	4	Not Approved
	5	Closed
	6	Canceled
	7	Pre Approved
MOVE_ORDER_TYPE	8	Partially Approved
	MTL_TXN_REQUEST_TYPE	MFG_LOOKUPS
	1	Requisition
	2	Replenishment
	3	Pick Wave

### Column Descriptions

Name	Null?	Type	Description
HEADER_ID	NOT NULL	NUMBER	Header identifier
REQUEST_NUMBER	NOT NULL	VARCHAR2(30)	Request number of the move order
TRANSACTION_TYPE_ID	NULL	NUMBER	Transaction type identifier
MOVE_ORDER_TYPE	NULL	NUMBER	Type of move order
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
DESCRIPTION	NULL	VARCHAR2(240)	Move order description
DATE_REQUIRED	NULL	DATE	Standard Who column
FROM_SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory to transact from
TO_SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory to transact to
TO_ACCOUNT_ID	NULL	NUMBER	Account identifier to transact to
SHIP_TO_LOCATION_ID	NULL	NUMBER	Ship to Location Id
HEADER_STATUS	NULL	NUMBER	Header status
STATUS_DATE	NULL	DATE	Date of last status change
FREIGHT_CODE	NULL	VARCHAR2(25)	Freight Code
SHIPMENT_METHOD	NULL	VARCHAR2(30)	Shipment Method
AUTO_RECEIPT_FLAG	NULL	VARCHAR2(1)	Auto Receipt Flag

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# Column Descriptions (Continued)

Name	Null?	Type	Description
REFERENCE_ID	NULL	NUMBER	Reference Id
REFERENCE_DETAIL_ID	NULL	NUMBER	Reference Detail Id
ASSIGNMENT_ID	NULL	VARCHAR2(240)	Assignment Id
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
GROUPING_RULE_ID	NULL	NUMBER	Grouping rule to use when assigning pick slip numbers
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TXN_REQUEST_HEADERS_N1	NOT UNIQUE	1	TRANSACTION_TYPE_ID
MTL_TXN_REQUEST_HEADERS_N2	NOT UNIQUE	1	FROM_SUBINVENTORY_CODE
		2	ORGANIZATION_ID
MTL_TXN_REQUEST_HEADERS_N3	NOT UNIQUE	1	TO_SUBINVENTORY_CODE
		2	ORGANIZATION_ID
MTL_TXN_REQUEST_HEADERS_N4	NOT UNIQUE	1	MOVE_ORDER_TYPE
MTL_TXN_REQUEST_HEADERS_U1	UNIQUE	1	HEADER_ID
MTL_TXN_REQUEST_HEADERS_U2	UNIQUE	1	REQUEST_NUMBER
		2	ORGANIZATION_ID

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## MTL\_TXN\_REQUEST\_LINES

The table MTL\_TXN\_REQUEST\_LINES stores all of the move order lines. The lines are requests to move some quantity of an item from a source location to a destination location or account. Each move order line must be tied to a specific move order header. When a line is detailed or pick released, the quantity detailed is updated appropriately and transaction lines are created in MTL\_MATERIAL\_TRANSACTIONS\_TEMP. When the transaction lines are transacted, the quantity delivered is updated.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TO_ACCOUNT_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_TYPE	FROM_LOCATOR_ID
	SUBINVENTORY_CODE	FROM_SUBINVENTORY_CODE
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID	TO_LOCATOR_ID
	SUBINVENTORY_CODE	TO_SUBINVENTORY_CODE
	ORGANIZATION_ID	TO_ORGANIZATION_ID
MTL_ITEM_REVISIONS	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	REVISION	REVISION
MTL_KANBAN_CARDS	KANBAN_CARD_ID	REFERENCE_ID
MTL_LOT_NUMBERS	ORGANIZATION_ID	ORGANIZATION_ID
	LOT_NUMBER	LOT_NUMBER
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	TO_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	TO_SUBINVENTORY_CODE
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID	ORGANIZATION_ID
	SECONDARY_INVENTORY_NAME	FROM_SUBINVENTORY_CODE
MTL_SERIAL_NUMBERS	SERIAL_NUMBER	SERIAL_NUMBER_START
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	CURRENT_ORGANIZATION_ID	ORGANIZATION_ID
MTL_SERIAL_NUMBERS	SERIAL_NUMBER	SERIAL_NUMBER_END
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	CURRENT_ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_TRANSACTION_TYPES	TRANSACTION_TYPE_ID	TRANSACTION_TYPE_ID
MTL_TXN_REQUEST_HEADERS	HEADER_ID	HEADER_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TRANSACTION_SOURCE_TYPE_ID
WMS_STRATEGIES_B	STRATEGY_ID	PICK_STRATEGY_ID
WMS_STRATEGIES_B	STRATEGY_ID	PUT_AWAY_STRATEGY_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LINE_STATUS	MTL_TXN_REQUEST_STATUS	MFG_LOOKUPS
	1	Incomplete
	2	Pending Approval
	3	Approved
	4	Not Approved

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	5	Closed
	6	Canceled
	7	Pre Approved
	8	Partially Approved

Column Descriptions

Name	Null?	Type	Description
LINE_ID	NOT NULL	NUMBER	Line identifier
HEADER_ID	NOT NULL	NUMBER	Header identifier
LINE_NUMBER	NOT NULL	NUMBER	Line number
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
FROM_SUBINVENTORY_ID	NULL	NUMBER	Not currently used
FROM_SUBINVENTORY_CODE	NULL	VARCHAR2(10)	From subinventory code
FROM_LOCATOR_ID	NULL	NUMBER	From locator identifier
TO_SUBINVENTORY_CODE	NULL	VARCHAR2(10)	To subinventory code
TO_SUBINVENTORY_ID	NULL	NUMBER	Not currently used
TO_LOCATOR_ID	NULL	NUMBER	To locator identifier
TO_ACCOUNT_ID	NULL	NUMBER	To account identifier
SHIP_TO_LOCATION_ID	NULL	NUMBER	Ship To Location identifier
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
SERIAL_NUMBER_START	NULL	VARCHAR2(30)	First serial number in range
SERIAL_NUMBER_END	NULL	VARCHAR2(30)	Last serial number in range
UOM_CODE	NOT NULL	VARCHAR2(3)	Unit of measure for quantities
QUANTITY	NOT NULL	NUMBER	Quantity requested
QUANTITY_DELIVERED	NULL	NUMBER	Quantity which has been delivered
QUANTITY_DETAILED	NULL	NUMBER	Quantity which has a detailed sourcing location
DATE_REQUIRED	NOT NULL	DATE	Date required
REASON_ID	NULL	NUMBER	Reason identifier
REFERENCE	NULL	VARCHAR2(240)	Move order creator reference
REFERENCE_TYPE_CODE	NULL	NUMBER	Move order creator code
REFERENCE_ID	NULL	NUMBER	Move order creator identifier
REFERENCE_DETAIL_ID	NULL	NUMBER	Reference Detail Id
ASSIGNMENT_ID	NULL	NUMBER	Assignment Id
PROJECT_ID	NULL	NUMBER	Project identifier
TASK_ID	NULL	NUMBER	Task identifier
TRANSACTION_HEADER_ID	NULL	NUMBER	Transaction header identifier
LINE_STATUS	NOT NULL	NUMBER	Line status
STATUS_DATE	NOT NULL	DATE	Last date status was changed
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
TXN_SOURCE_ID	NULL	NUMBER	Transaction source identifier
TXN_SOURCE_LINE_ID	NULL	NUMBER	Transaction source line identifier
TXN_SOURCE_LINE_DETAIL_ID	NULL	NUMBER	Transaction source line detail identifier
TRANSACTION_TYPE_ID	NOT NULL	NUMBER	Transaction type identifier
TRANSACTION_SOURCE_TYPE_ID	NULL	NUMBER	Transaction source type identifier
PRIMARY_QUANTITY	NULL	NUMBER	Quantity requested, in primary unit of measure
TO_ORGANIZATION_ID	NULL	NUMBER	To Organization identifier
PUT_AWAY_STRATEGY_ID	NULL	NUMBER	Put Away strategy identifier - used by WMS only
PICK_STRATEGY_ID	NULL	NUMBER	Picking strategy identifier - used by WMS only
UNIT_NUMBER	NULL	VARCHAR2(30)	Unit Number
FROM_COST_GROUP_ID	NULL	NUMBER	From Cost Group Identifier - used by WMS only
TO_COST_GROUP_ID	NULL	NUMBER	To Cost Group Identifier - used by WMS only
LPN_ID	NULL	NUMBER	License Plate Number Identifier - used by WMS only
TO_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier - used by WMS only
INSPECTION_STATUS	NULL	NUMBER	Inspection Status
PICK_METHODODOLOGY_ID	NULL	NUMBER	Pick Methodology Id
CONTAINER_ITEM_ID	NULL	NUMBER	Container Item Id - used by WMS only
CARTON_GROUPING_ID	NULL	NUMBER	Carton Grouping Id - used by WMS only
BACKORDER_DELIVERY_DETAIL_ID	NULL	NUMBER	
WMS_PROCESS_FLAG	NULL	NUMBER	Flag to indicate processing status for putaways. 1 means Ok to process, 2 means Do not Allocate, 3 means Allocate but do not process. To be used by Receiving and WIP
PICK_SLIP_NUMBER	NULL	NUMBER	Pick Slip Number
PICK_SLIP_DATE	NULL	DATE	Pick Slip Date
SHIP_SET_ID	NULL	NUMBER	Ship Set Identifier
SHIP_MODEL_ID	NULL	NUMBER	Ship Model Identifier
MODEL_QUANTITY	NULL	NUMBER	Quantity of the Top Model for Ship Model Complete items

## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TXN_REQUEST_LINES_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
MTL_TXN_REQUEST_LINES_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	FROM_SUBINVENTORY_CODE
MTL_TXN_REQUEST_LINES_N3	NOT UNIQUE	1	TO_ORGANIZATION_ID
		2	TO_SUBINVENTORY_CODE
MTL_TXN_REQUEST_LINES_N4	NOT UNIQUE	1	TRANSACTION_TYPE_ID
		2	TRANSACTION_SOURCE_TYPE_ID
MTL_TXN_REQUEST_LINES_N5	NOT UNIQUE	5	PICK_SLIP_NUMBER
MTL_TXN_REQUEST_LINES_U1	UNIQUE	1	LINE_ID
MTL_TXN_REQUEST_LINES_U2	UNIQUE	1	HEADER_ID
		2	LINE_NUMBER

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## MTL\_TXN\_SOURCE\_TYPES

MTL\_TXN\_SOURCE\_TYPES contains information about valid transaction source type in the system. There are two kinds of transaction source types. System transaction source types are those seeded when the system is installed, bear source type identifiers of 1 through 13 and use system validation. User defined transaction source types have identifiers higher than 100, and may have validation set up through the use of the descriptive flex context in the 'Transaction Source' descriptive flexfield.

Transaction source types are used in defining user transaction types, which would in turn be used in different inventory transactions.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_DESCR_FLEX_CONTEXTS	DESCRIPTIVE_FLEX_CONTEXT_CODE	DESCRIPTIVE_FLEX_CONTEXT_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
USER_DEFINED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
VALIDATED_FLAG	YES_NO_SYS	MFG_LOOKUPS
	1	Value set
	2	None
	3	System

### Column Descriptions

Name	Null?	Type	Description
TRANSACTION_SOURCE_TYPE_ID (PK)	NOT NULL	NUMBER	Transaction source type identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
TRANSACTION_SOURCE_TYPE_NAME	NOT NULL	VARCHAR2(30)	Transaction source type name
DESCRIPTION	NULL	VARCHAR2(240)	Transaction source type description
DISABLE_DATE	NULL	DATE	Disable date for the transaction source type
USER_DEFINED_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether source type is user-defined or predefined by system
VALIDATED_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether source type is validated by system/descriptive flex context
DESCRIPTIVE_FLEX_CONTEXT_CODE	NULL	VARCHAR2(30)	Descriptive flex context defined for the 'Transaction Source' descriptive flex for linkage to a value set
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
TRANSACTION_SOURCE_CATEGORY	NULL	VARCHAR2(30)	Column defined for the purpose of setting up the 'Transaction Source' descriptive flexfield (contains no data)
TRANSACTION_SOURCE	NULL	VARCHAR2(30)	Column defined for the purpose of setting up the 'Transaction Source' descriptive flexfield (contains no data)

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TXN_SOURCE_TYPES_U1	UNIQUE	1	TRANSACTION_SOURCE_TYPE_ID

Sequences

Sequence	Derived Column
MTL_TXN_SOURCE_TYPES_S	TRANSACTION_SOURCE_TYPE_ID

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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_N1	NOT UNIQUE	5	UOM_CLASS
MTL_UNITS_OF_MEASURE_TL_U1	UNIQUE	1	UNIT_OF_MEASURE
		2	LANGUAGE
MTL_UNITS_OF_MEASURE_TL_U2	UNIQUE	1	UOM_CODE
		2	LANGUAGE

## 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		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		VARCHAR2(10)	Subinventory code
LOCATOR_ID		NUMBER	Transaction locator identifier
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
TRANSACTION_SOURCE_ID		NUMBER	Previous disposition (derived from MTL_MATERIAL_TRANSACTIONS)
TRANSACTION_SOURCE_TYPE_ID	NOT NULL	NUMBER	Disposition type code
TRANSACTION_SOURCE_NAME		VARCHAR2(240)	Source name of the transaction
RECEIPT_ISSUE_TYPE	NOT NULL	NUMBER	Previous receipt/issue code
CUSTOMER_ID		NUMBER	Customer code
SHIP_ID		NUMBER	Ship code
SERIAL_ATTRIBUTE_CATEGORY		VARCHAR2(30)	Serial Attribute Category
TERRITORY_CODE		VARCHAR2(30)	Territory code for Country of Origin-- Usedby WMS only
ORIGINATION_DATE		DATE	Creation Date of the serial number such as manufacture date. - Used by WMS only
C_ATTRIBUTE1		VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only

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Column Descriptions (Continued)

Name	Null?	Type	Description
C_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
C_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive Flexfield Segment - Used by WMS only
D_ATTRIBUTE1	NULL	DATE	Descriptive Flexfield Segment - Used by WMS only
D_ATTRIBUTE2	NULL	DATE	Descriptive Flexfield Segment - Used by WMS only
D_ATTRIBUTE3	NULL	DATE	Descriptive Flexfield Segment - Used by WMS only
D_ATTRIBUTE4	NULL	DATE	Descriptive Flexfield Segment - Used by WMS only
D_ATTRIBUTE5	NULL	DATE	Descriptive Flexfield Segment - Used by WMS only
D_ATTRIBUTE6	NULL	DATE	Descriptive Flexfield Segment - Used by WMS only
D_ATTRIBUTE7	NULL	DATE	Descriptive Flexfield Segment - Used by WMS only
D_ATTRIBUTE8	NULL	DATE	Descriptive Flexfield Segment - Used by WMS only
D_ATTRIBUTE9	NULL	DATE	Descriptive Flexfield Segment - Used by WMS only
D_ATTRIBUTE10	NULL	DATE	Descriptive Flexfield Segment - Used by WMS only
N_ATTRIBUTE1	NULL	NUMBER	Descriptive Flexfield Segment - Used by WMS only

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Column Descriptions (Continued)

Name	Null?	Type	Description
N_ATTRIBUTE2	NULL	NUMBER	Descriptive Flexfield Segment - Used by WMS only
N_ATTRIBUTE3	NULL	NUMBER	Descriptive Flexfield Segment - Used by WMS only
N_ATTRIBUTE4	NULL	NUMBER	Descriptive Flexfield Segment - Used by WMS only
N_ATTRIBUTE5	NULL	NUMBER	Descriptive Flexfield Segment - Used by WMS only
N_ATTRIBUTE6	NULL	NUMBER	Descriptive Flexfield Segment - Used by WMS only
N_ATTRIBUTE7	NULL	NUMBER	Descriptive Flexfield Segment - Used by WMS only
N_ATTRIBUTE8	NULL	NUMBER	Descriptive Flexfield Segment - Used by WMS only
N_ATTRIBUTE9	NULL	NUMBER	Descriptive Flexfield Segment - Used by WMS only
N_ATTRIBUTE10	NULL	NUMBER	Descriptive Flexfield Segment - Used by WMS only
STATUS_ID	NULL	NUMBER	Status Identifier - Used by WMS only
TIME_SINCE_NEW	NULL	NUMBER	Time since new - Used by WMS only
CYCLES_SINCE_NEW	NULL	NUMBER	Cycle since new - Used by WMS only
TIME_SINCE_OVERHAUL	NULL	NUMBER	Time since overhaul - Used by WMS only
CYCLES_SINCE_OVERHAUL	NULL	NUMBER	Cycles since overhaul - Used by WMS only
TIME_SINCE_REPAIR	NULL	NUMBER	Time since repair - Used by WMS only
CYCLES_SINCE_REPAIR	NULL	NUMBER	Cycles since repair - Used by WMS only
TIME_SINCE_VISIT	NULL	NUMBER	Time since visit for MRO - Used by WMS only
CYCLES_SINCE_VISIT	NULL	NUMBER	Cycles since visit for MRO - Used by WMS only
TIME_SINCE_MARK	NULL	NUMBER	Time since mark for MRO- Used by WMS only
CYCLES_SINCE_MARK	NULL	NUMBER	Cycles since mark - Used by WMS only
NUMBER_OF_REPAIRS	NULL	NUMBER	Total Number of repairs - Used by WMS only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_UNIT_TRANSACTIONS_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSACTION_DATE
		3	INVENTORY_ITEM_ID
		4	SERIAL_NUMBER
MTL_UNIT_TRANSACTIONS_N2	NOT UNIQUE	1	TRANSACTION_SOURCE_ID
MTL_UNIT_TRANSACTIONS_N3	NOT UNIQUE	1	CUSTOMER_ID
		2	SHIP_ID
MTL_UNIT_TRANSACTIONS_N4	NOT UNIQUE	1	INVENTORY_ITEM_ID
MTL_UNIT_TRANSACTIONS_N5	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSACTION_DATE
MTL_UNIT_TRANSACTIONS_N6	NOT UNIQUE	1	TRANSACTION_ID

## 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		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		DATE	Date when the defined inter-class conversion can no longer be used
REQUEST_ID		NUMBER	Standard Who column
PROGRAM_APPLICATION_ID		NUMBER	Standard Who column
PROGRAM_ID		NUMBER	Standard Who column
PROGRAM_UPDATE_DATE		DATE	Standard Who column

### Indexes

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

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*Indexes (Continued)*

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

## 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 N Y	FND_LOOKUPS No Yes

### Column Descriptions

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



## Indexes

Index Name	Index Type	Sequence	Column Name
MTL_UOM_CONVERSIONS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	UNIT_OF_MEASURE
MTL_UOM_CONVERSIONS_U2	UNIQUE	1	INVENTORY_ITEM_ID
		2	UOM_CODE

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# MTL\_UPDATE\_RECORDS\_TEMP

MTL\_UPDATE\_RECORDS\_TEMP is a table used exclusively for the item attribute copy form. It holds the unique id of records in MTL\_SYSTEM\_ITEMS\_B.

Column Descriptions

Name	Null?	Type	Description
ITEM_UPDATE_ID	NULL	NUMBER	Holds Sequence Number Of Session
INVENTORY_ITEM_ID	NULL	NUMBER	Holds Item Id to be Updated
ORGANIZATION_ID	NULL	NUMBER	

## MTL\_USER\_DEMAND

MTL\_USER\_DEMAND provides an interface mechanism for users to populate their own demand information, ie, the demand sources that are not predefined by Oracle Inventory, to be included in ATP calculation. Once the table is populated, the information can be viewed by the Supply / Demand Detail window. Furthermore, users can utilize ATP rules to include/exclude this demand source in the ATP calculation. If "Include User-Defined Demand" option in the ATP rule is set to Yes, then the ATP calculation will include the demand information stored in this table. Otherwise, no demand information in this table is included.

The SOURCE\_TYPE\_ID column stores the source type, for example, 2 for sales order, 3 for account number, 4 for WIP job/schedule and 5 for account alias. SOURCE\_ID stores the sources for source types. This column is context sensitive; it depends on source type. For example, if the source type is Sales Order, then this column represents sales order id. If source type is WIP job/schedule, this means WIP entity id. If source type is account number, then source id should store the GL code combination id for the account number.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
SOURCE_TYPE_ID	NOT NULL	NUMBER	Code to indicate the source of the demand
SOURCE_ID	NOT NULL	NUMBER	Header ID for the source of the demand.
SOURCE_NAME	NULL	VARCHAR2(30)	Identifier for user-defined source type
PRIMARY_UOM_QUANTITY	NOT NULL	NUMBER	Demanded quantity expressed in the item's primary unit of measure
REQUIREMENT_DATE	NULL	DATE	Planned ship/issue date for demand
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class to be used if demand class ATP is on.

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Indexes

Index Name	Index Type	Sequence	Column Name
MTL_USER_DEMAND_N1	NOT UNIQUE	3	INVENTORY_ITEM_ID
		4	ORGANIZATION_ID

## MTL\_USER\_SUPPLY

MTL\_USER\_SUPPLY provides an interface mechanism for users to populate their own supply information, ie, the supply sources that are not predefined by Oracle Inventory, to be included in ATP calculation. Once the table is populated, the information can be viewed by the Supply / Demand Detail window. Furthermore, users can utilize ATP rules to include/exclude this supply source in the ATP calculation. If "Include User-Defined Supply" option in the ATP rule is set to Yes, then the ATP calculation will include the supply information stored in this table, otherwise, no supply information in this table is included.

The SOURCE\_TYPE\_ID column stores the source type, for example, 1 for purchase order, 3 for account number, 4 for WIP job/schedule and 5 for account alias. SOURCE\_ID stores the sources for source types. This column is context sensitive, it depends on source type. For example, if the source type is Purchase Order, then this column represents purchasing header id. If source type is WIP job/schedule, this means WIP entity id. If source type is account number, then source id should store the GL code combination id for the account number.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	SOURCE_ID
MTL_GENERIC_DISPOSITIONS	DISPOSITION_ID	SOURCE_ID
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	SOURCE_TYPE_ID
PO_HEADERS_ALL	PO_HEADER_ID	SOURCE_ID
WIP_ENTITIES	WIP_ENTITY_ID	SOURCE_ID

### Column Descriptions

Name	Null?	Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
SOURCE_TYPE_ID	NOT NULL	NUMBER	Code to indicate the source of the supply
SOURCE_ID	NOT NULL	NUMBER	Header ID for the source of the demand.
SOURCE_NAME	NULL	VARCHAR2(30)	Identifier for user-defined source type
PRIMARY_UOM_QUANTITY	NOT NULL	NUMBER	Supplied quantity expressed in the item's primary unit of measure

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*Column Descriptions (Continued)*

Name	Null?	Type	Description
EXPECTED_DELIVERY_DATE	NULL	DATE	Date when supply will be available
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class to be used if demand class ATP is on.

*Indexes*

Index Name	Index Type	Sequence	Column Name
MTL_USER_SUPPLY_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID

## ORG\_ACCESS

ORG\_ACCESS stores information about which organizations are available for a particular responsibility. A record in this table indicates that the organization is available (for login) for a responsibility. If there are no records in this table for an organization, all responsibilities can access it.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_RESPONSIBILITY	APPLICATION_ID RESPONSIBILITY_ID	RESP_APPLICATION_ID RESPONSIBILITY_ID

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
RESP_APPLICATION_ID (PK)	NOT NULL	NUMBER	Responsibility application identifier
RESPONSIBILITY_ID (PK)	NOT NULL	NUMBER	Responsibility identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DISABLE_DATE	NULL	DATE	Disable date
COMMENTS	NULL	VARCHAR2(240)	Comments
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
ORG_ACCESS_N1	NOT UNIQUE	1	ORGANIZATION_ID
ORG_ACCESS_U1	UNIQUE	1	RESP_APPLICATION_ID
		2	RESPONSIBILITY_ID
		3	ORGANIZATION_ID

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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 (INVTGPO) 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_SET_NAME
	PERIOD_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)



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\_FREIGHT\_TL

ORG\_FREIGHT is the definition table for freight carriers. It also holds the distribution account information.

The freight carrier (FREIGHT\_CODE) and freight charge distribution account (DISTRIBUTION\_ACCOUNT) are used in inter-organization transfers.

Freight carriers are defined in the Freight Carriers window in Oracle Inventory.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DISTRIBUTION_ACCOUNT
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

### Column Descriptions

Name	Null?	Type	Description
FREIGHT_CODE (PK)	NOT NULL	VARCHAR2(25)	Freight code
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
FREIGHT_CODE_TL	NOT NULL	VARCHAR2(25)	Freight code
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	
SOURCE_LANG	NOT NULL	VARCHAR2(4)	
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(80)	Freight code description
DISABLE_DATE	NULL	DATE	Disable date
DISTRIBUTION_ACCOUNT	NULL	NUMBER	Freight charge distribution account
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Global Descriptive Flex Segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Global Descriptive Flex Attribute Category

Indexes

Index Name	Index Type	Sequence	Column Name
ORG_FREIGHT_TL_U1	UNIQUE	1	FREIGHT_CODE
		2	ORGANIZATION_ID
		3	LANGUAGE

## 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	ACCT_PERIOD_ID
	ORGANIZATION_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

## PAY\_COST\_ALLOCATION\_KEYFLEX

PAY\_COST\_ALLOCATION\_KEYFLEX is the combinations table for the Cost Allocation key flexfield. This includes the individual segment information that identify the cost codes, accounts and labor distribution codes used in specific Business Groups.

CONCATENATED\_SEGMENTS contains the concatenated value of SEGMENT1 to SEGMENT30.

### Column Descriptions

Name	Null?	Type	Description
COST_ALLOCATION_KEYFLEX_ID (PK)	NOT NULL	NUMBER(9)	System-generated primary key column.
CONCATENATED_SEGMENTS	NULL	VARCHAR2(240)	Key flexfield segment column.
ID_FLEX_NUM	NOT NULL	NUMBER(15)	Key flexfield structure foreign key.
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield summary flag.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield enabled flag.
START_DATE_ACTIVE	NULL	DATE	Date before which key flexfield combination is invalid.
END_DATE_ACTIVE	NULL	DATE	Date after which key flexfield combination is invalid.
SEGMENT1	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT2	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT3	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT4	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT5	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT6	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT7	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT8	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT9	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT10	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT11	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT12	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT13	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT14	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT15	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT16	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT17	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT18	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT19	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT20	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT21	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT22	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT23	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT24	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT25	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT26	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT27	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT28	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT29	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT30	NULL	VARCHAR2(60)	Key flexfield segment column.
LAST_UPDATE_DATE	NULL	DATE	Standard Who column.
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who column.
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column.

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*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.

*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
PAY_COST_ALLOCATION_KEYFLE_PK	UNIQUE	1	COST_ALLOCATION_KEYFLEX_ID

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
PAY_COST_ALLOCATION_KEYFLEX_S	COST_ALLOCATION_KEYFLEX_ID

## PA\_EXPENDITURE\_TYPES

PA\_EXPENDITURE\_TYPES stores the most detailed implementation-defined classifications of expenditures charged to projects and tasks.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EXPENDITURE_CATEGORIES	EXPENDITURE_CATEGORY	EXPENDITURE_CATEGORY
PA_SYSTEM_LINKAGES	FUNCTION	SYSTEM_LINKAGE_FUNCTION

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
REVENUE_CATEGORY_CODE	REVENUE CATEGORY	PA_LOOKUPS
UNIT_OF_MEASURE	UNIT	PA_LOOKUPS
	DOLLARS	Dollars
	HOURS	Hours

### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_TYPE (PK)	NOT NULL	VARCHAR2(30)	The expenditure for which the alias is created
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	The expenditure category that classifies the expenditure type into a cost group
REVENUE_CATEGORY_CODE	NOT NULL	VARCHAR2(30)	The revenue category that classifies the expenditure type into a revenue group
SYSTEM_LINKAGE_FUNCTION	NULL	VARCHAR2(30)	The expenditure type class for which this alias is created
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(30)	The unit by which to measure amounts entered for the expenditure type
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the expenditure type
COST_RATE_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether a cost rate is required for the non-labor expenditure type
END_DATE_ACTIVE	NULL	DATE	Last effective date of the expenditure type
DESCRIPTION	NULL	VARCHAR2(250)	The description of the expenditure type
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield Context Field
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield Segment

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## Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.

## Indexes

Index Name	Index Type	Sequence	Column Name
PA_EXPENDITURE_TYPES_N1	NOT UNIQUE	1	SYSTEM_LINKAGE_FUNCTION
PA_EXPENDITURE_TYPES_N2	NOT UNIQUE	2	ADW_NOTIFY_FLAG
PA_EXPENDITURE_TYPES_U1	UNIQUE	1	EXPENDITURE_TYPE

## Database Triggers

Trigger Name : PA\_ADW\_EXPENDITURE\_TYPES\_T1  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This trigger maintains the ADW\_NOTIFY\_FLAG column for any updates to EXPENDITURE\_CATEGORY, REVENUE\_CATEGORY\_CODE, UNIT\_OF\_MEASURE and DESCRIPTION columns



## 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	END_ITEM_ID
	ORGANIZATION_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		NUMBER(15)	Standard Who column
REQUEST_ID		NUMBER	Extended Who column
PROGRAM_APPLICATION_ID		NUMBER	Extended Who column
PROGRAM_ID		NUMBER	Extended Who column
PROGRAM_UPDATE_DATE		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		VARCHAR2(240)	User-entered comments
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive flexfield context
ATTRIBUTE1		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15		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

## PJM\_UNIT\_SERIAL\_HISTORY

PJM\_UNIT\_SERIAL\_HISTORY holds unit number change history made to any serialized on hand to provide audit trail. This table is populated by a trigger on MTL\_SERIAL\_NUMBERS.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SERIAL_NUMBERS	SERIAL_NUMBER INVENTORY_ITEM_ID CURRENT_ORGANIZATION_ID	SERIAL_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID
PJM_UNIT_NUMBERS	UNIT_NUMBER	OLD_UNIT_NUMBER
PJM_UNIT_NUMBERS	UNIT_NUMBER	NEW_UNIT_NUMBER

### Column Descriptions

Name	Null?	Type	Description
SERIAL_NUMBER (PK)	NOT NULL	VARCHAR2(30)	Serial number of the item upon which model/unit number has been changed
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item unique identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Inventory organization unique identifier
OLD_UNIT_NUMBER (PK)	NULL	VARCHAR2(30)	Previous model/unit number associated with the serial number
NEW_UNIT_NUMBER (PK)	NULL	VARCHAR2(30)	New model/unit number associated with the serial number
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
PJM_UNIT_SERIAL_HISTORY_U1	UNIQUE	2	INVENTORY_ITEM_ID
		6	SERIAL_NUMBER
		8	OLD_UNIT_NUMBER
		10	NEW_UNIT_NUMBER

## PO\_AGENTS

PO\_AGENTS contains information about buyers and purchasing managers. You need one row for each employee who has purchasing responsibilities in your organization. You define a buyer by entering a default Item Category and Ship-To Location.

Oracle Purchasing uses this information to determine active buyers and to provide defaults in the Find Requisitions Lines window. When creating a purchase order, you can use the list of values to choose a buyer you defined in this table.

You enter buyer information in the Buyers window.

The primary key AGENT\_ID has the same value as the EMPLOYEE\_ID in the HR\_EMPLOYEES view for the corresponding employee.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
AGENT_ID (PK)	NOT NULL	NUMBER(9)	Buyer unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LOCATION_ID	NULL	NUMBER	Location unique identifier
CATEGORY_ID	NULL	NUMBER	Item category unique identifier
AUTHORIZATION_LIMIT	NULL	NUMBER	Maximum purchase order authorization limit for the buyer
START_DATE_ACTIVE	NULL	DATE	Key Flexfield start date
END_DATE_ACTIVE	NULL	DATE	Key Flexfield end date
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(240)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column

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*Column Descriptions (Continued)*

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

*Indexes*

Index Name	Index Type	Sequence	Column Name
PO_AGENTS_U1	UNIQUE	1	AGENT_ID

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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 autcreate this accounting distribution from a requisition, REQ\_DISTRIBUTION\_ID corresponds to the ID of the requisition distribution you copy on the purchase order.
- If you use a foreign currency on your purchase order, Oracle Purchasing stores currency conversion information in RATE and RATE\_DATE.

- If you use encumbrance, GL\_ENCUMBERED\_DATE and GL\_ENCUMBERED\_PERIOD\_NAME contain encumbrance information Oracle Purchasing uses to create journal entries in Oracle General Ledger.
- If you do not autcreate 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 EXPENSE  INVENTORY  SHOP FLOOR	PO_LOOKUP_CODES Goods are expensed from the system upon delivery Goods are received into inventory upon delivery Goods are received into an outside operation upon delivery

### Column Descriptions

Name	Null?	Type	Description
PO_DISTRIBUTION_ID (PK)	NOT NULL	NUMBER	Document distribution unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
PO_HEADER_ID	NOT NULL	NUMBER	Document header unique identifier
PO_LINE_ID	NOT NULL	NUMBER	Document line unique identifier
LINE_LOCATION_ID	NOT NULL	NUMBER	Document shipment schedule unique identifier
SET_OF_BOOKS_ID	NOT NULL	NUMBER	Set of Books unique identifier
CODE_COMBINATION_ID	NOT NULL	NUMBER	Unique identifier for the General Ledger charge account
QUANTITY_ORDERED	NOT NULL	NUMBER	Quantity ordered on the distribution
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column

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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

# 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
OKE_CONTRACT_LINE_ID	NULL	NUMBER	Line Id associated with a contract
OKE_CONTRACT_DELIVERABLE_ID	NULL	NUMBER	Deliverable Id corresponding to contract

## Indexes

Index Name	Index Type	Sequence	Column Name
PO_DISTRIBUTIONS_N1	NOT UNIQUE	1	LINE_LOCATION_ID
PO_DISTRIBUTIONS_N10	NOT UNIQUE	1	BUDGET_ACCOUNT_ID
PO_DISTRIBUTIONS_N11	NOT UNIQUE	1	PO_RELEASE_ID
PO_DISTRIBUTIONS_N12	NOT UNIQUE	2	SOURCE_DISTRIBUTION_ID
PO_DISTRIBUTIONS_N2	NOT UNIQUE	1	REQ_DISTRIBUTION_ID
PO_DISTRIBUTIONS_N3	NOT UNIQUE	1	PO_HEADER_ID
PO_DISTRIBUTIONS_N4	NOT UNIQUE	1	PO_LINE_ID
PO_DISTRIBUTIONS_N5	NOT UNIQUE	1	REQ_HEADER_REFERENCE_NUM
		2	REQ_LINE_REFERENCE_NUM
PO_DISTRIBUTIONS_N6	NOT UNIQUE	1	DELIVER_TO_PERSON_ID
PO_DISTRIBUTIONS_N7	NOT UNIQUE	1	GL_ENCUMBERED_DATE
PO_DISTRIBUTIONS_N8	NOT UNIQUE	1	WIP_ENTITY_ID
		2	WIP_OPERATION_SEQ_NUM
		3	WIP_RESOURCE_SEQ_NUM
		4	DESTINATION_ORGANIZATION_ID
		5	WIP_REPETITIVE_SCHEDULE_ID
PO_DISTRIBUTIONS_N9	NOT UNIQUE	1	PROJECT_ID
		2	TASK_ID
PO_DISTRIBUTIONS_U1	UNIQUE	1	PO_DISTRIBUTION_ID

## Sequences

Sequence	Derived Column
PO_DISTRIBUTIONS_S	PO_DISTRIBUTION_ID

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## *Database Triggers*

Trigger Name : PO\_MRC\_DISTRIBUTIONS\_BIUD  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

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

## PO\_HAZARD\_CLASSES\_B

PO\_HAZARD\_CLASSES\_B contains information about the hazardous materials classes you use in your business. Oracle Purchasing lets you record hazard class information to let you comply with Section 19 of the International Safety Rating System. You need one row for each hazard class you use.

Oracle Purchasing uses this information to let you provide hazard class information on your purchase orders, requisitions, RFQs, and quotations.

### Column Descriptions

Name	Null?	Type	Description
HAZARD_CLASS_ID (PK)	NOT NULL	NUMBER	Hazard class unique identifier
INACTIVE_DATE	NULL	DATE	Inactive date for record
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
PO_HAZARD_CLASSES_U1	UNIQUE	1	HAZARD_CLASS_ID

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Sequences

Sequence	Derived Column
PO_HAZARD_CLASSES_S	HAZARD_CLASS_ID

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## PO\_HEADERS\_ALL

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

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

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

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

PO\_HEADER\_ID is the unique system-generated primary key and is invisible to the user. SEGMENT1 is the system-assigned number you use to identify the document in forms and reports. Oracle Purchasing generates SEGMENT1 using the PO\_UNIQUE\_IDENTIFIER\_CONT\_ALL table if you choose to let Oracle Purchasing generate document numbers for you. SEGMENT1 is not unique for the entire table. Different document types can share the same numbers. You can uniquely identify a row in PO\_HEADERS\_ALL using SEGMENT1 and TYPE\_LOOKUP\_CODE or using

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## PO\_HEADER\_ID.

If APPROVED\_FLAG is 'Y', the purchase order is approved. If your document type is a blanket purchase order, contract purchase order, RFQ, or quotation, Oracle Purchasing uses START\_DATE and END\_DATE to store the valid date range for the document. Oracle Purchasing only uses BLANKET\_TOTAL\_AMOUNT for blanket purchase orders or contract purchase orders.

If you autocreate a quotation from an RFQ using the Copy Document window, Oracle Purchasing stores the foreign key to your original RFQ in FROM\_HEADER\_ID. Oracle Purchasing also uses FROM\_TYPE\_LOOKUP\_CODE to indicate that you copied the quotation from an RFQ.

Oracle Purchasing does not use SUMMARY\_FLAG and ENABLED\_FLAG. Because future versions of Oracle Purchasing will use them, SUMMARY\_FLAG and ENABLED\_FLAG should always be 'N' and 'Y' respectively.

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

### Foreign Keys

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



# QuickCodes Columns

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

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## Column Descriptions

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

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_N6	NOT UNIQUE	1	CLOSED_DATE
PO_HEADERS_N7	NOT UNIQUE	1	QUOTE_VENDOR_QUOTE_NUMBER
PO_HEADERS_N8	NOT UNIQUE	1	VENDOR_ORDER_NUM
PO_HEADERS_U1	UNIQUE	1	PO_HEADER_ID
PO_HEADERS_U2	UNIQUE	1	SEGMENT1
		2	TYPE_LOOKUP_CODE
		3	ORG_ID

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### Sequences

Sequence	Derived Column
PO_HEADERS_S	PO_HEADER_ID

### Database Triggers

Trigger Name : PO\_MRC\_HEADERS\_BIUD  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

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

# PO\_LINES\_ALL

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

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

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

PO\_LINE\_ID is the unique system-generated line number invisible to the user. LINE\_NUM is the number of the line on the purchase order. Oracle Purchasing uses CONTRACT\_NUM to reference a contract purchase order from a standard purchase order line. Oracle Purchasing uses ALLOW\_PRICE\_OVERRIDE\_FLAG, COMMITTED\_AMOUNT, QUANTITY\_COMMITTED, MIN\_RELEASE\_AMOUNT only for blanket and planned purchase order lines.

The QUANTITY field stores the total quantity of all purchase order shipment lines (found in PO\_LINE\_LOCATIONS\_ALL).

## Foreign Keys

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

## QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	APPROVED	The Document has been Ap- proved
	AWAITING PRINTING	The Document is Awaiting Printing
	CANCELLED	The Document has been Can- celled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still under- going Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE-APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Re- jected
	REQUIRES REAPPROVAL	The Document has been changed since it was Ap- proved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Re- turned by a Buyer
	UNFROZEN	The Document is Not Frozen
PRICE_BREAK_LOOKUP_CODE	PRICE BREAK TYPE	PO_LOOKUP_CODES
	CUMULATIVE	Cumulative
	NON CUMULATIVE	Non-Cumulative
PRICE_TYPE_LOOKUP_CODE	PRICE TYPE	PO_LOOKUP_CODES
	COST FEE	Cost Plus Fee
	COST PERCENT	Cost Plus Percentage
	FIXED	Fixed
	INDEXED	Indexed
	VARIABLE	Variable

Column Descriptions

Name	Null?	Type	Description
PO_LINE_ID (PK)	NOT NULL	NUMBER	Document line unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
PO_HEADER_ID	NOT NULL	NUMBER	Document header unique identifier
LINE_TYPE_ID	NOT NULL	NUMBER	Line type unique identifier
LINE_NUM	NOT NULL	NUMBER	Line number
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
ITEM_ID	NULL	NUMBER	Item unique identifier

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Column Descriptions (Continued)

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

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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#### Column Descriptions (Continued)

Name	Null?	Type	Description
OKE_CONTRACT_HEADER_ID	NULL	NUMBER	Contract Id from Oracle Contracts
OKE_CONTRACT_VERSION_ID	NULL	NUMBER	Version Id for contract.

#### Indexes

Index Name	Index Type	Sequence	Column Name
PO_LINES_N1	NOT UNIQUE	1	ITEM_ID
PO_LINES_N2	NOT UNIQUE	1	CREATION_DATE
PO_LINES_N3	NOT UNIQUE	1	CATEGORY_ID
PO_LINES_N4	NOT UNIQUE	1	FROM_LINE_ID
PO_LINES_N5	NOT UNIQUE	1	ITEM_DESCRIPTION
PO_LINES_N6	NOT UNIQUE	1	VENDOR_PRODUCT_NUM
PO_LINES_N7	NOT UNIQUE	1	CONTRACT_NUM
PO_LINES_N8	NOT UNIQUE	1	CLOSED_BY
PO_LINES_N9	NOT UNIQUE	1	CANCELLED_BY
PO_LINES_U1	UNIQUE	1	PO_LINE_ID
PO_LINES_U2	UNIQUE	1	PO_HEADER_ID
		2	LINE_NUM

#### Sequences

Sequence	Derived Column
PO_LINES_S	PO_LINE_ID

#### Database Triggers

Trigger Name : PO\_LINES\_ALL\_T1\_ICX  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT

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

Trigger Name : PO\_LINES\_ALL\_T2\_ICX  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

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

Trigger Name : PO\_LINES\_ALL\_T3\_ICX  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : DELETE

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

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## PO\_LINE\_LOCATIONS\_ALL

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

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

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

PO\_RELEASE\_ID applies only to blanket purchase order release shipments. PO\_RELEASE\_ID identifies the release on which you placed this shipment.

SOURCE\_SHIPMENT\_ID applies only to planned purchase order

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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.

### 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 Ap- proved
	AWAITING PRINTING	The Document is Awaiting Printing
	CANCELLED	The Document has been Can- celled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still under- going Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE-APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Re- jected
	REQUIRES REAPPROVAL	The Document has been changed since it was Ap- proved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Re- turned by a Buyer
	UNFROZEN	The Document is Not Frozen
ENFORCE_SHIP_TO_LOCATION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control En- forced

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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	NONE	NUMBER	Standard Who column
CREATION_DATE	NONE	DATE	Standard Who column
CREATED_BY	NONE	NUMBER	Standard Who column
QUANTITY	NONE	NUMBER	Quantity ordered or break quantity for blanket purchase orders, RFQs and quotations
QUANTITY_RECEIVED	NONE	NUMBER	Quantity received until today
QUANTITY_ACCEPTED	NONE	NUMBER	Quantity accepted after inspection, up until today
QUANTITY_REJECTED	NONE	NUMBER	Quantity rejected after inspection, up until today
QUANTITY_BILLED	NONE	NUMBER	Quantity invoiced by Oracle Payables, up until today
QUANTITY_CANCELLED	NONE	NUMBER	Quantity cancelled
UNIT_MEAS_LOOKUP_CODE	NONE	VARCHAR2(25)	Price break quantity unit of measure
PO_RELEASE_ID	NONE	NUMBER	Release unique identifier for a release shipment
SHIP_TO_LOCATION_ID	NONE	NUMBER	Unique identifier for the ship-to location
SHIP_VIA_LOOKUP_CODE	NONE	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 firm 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
NOTE_TO_RECEIVER	NULL	VARCHAR2(240)	

Indexes

Index Name	Index Type	Sequence	Column Name
PO_LINE_LOCATIONS_N1	NOT UNIQUE	1	PO_LINE_ID
PO_LINE_LOCATIONS_N10	NOT UNIQUE	5	CLOSED_DATE
PO_LINE_LOCATIONS_N2	NOT UNIQUE	1	PO_HEADER_ID
		2	PO_LINE_ID
PO_LINE_LOCATIONS_N3	NOT UNIQUE	1	SHIP_TO_LOCATION_ID
PO_LINE_LOCATIONS_N4	NOT UNIQUE	1	PROMISED_DATE
PO_LINE_LOCATIONS_N5	NOT UNIQUE	1	PO_RELEASE_ID
PO_LINE_LOCATIONS_N6	NOT UNIQUE	1	CLOSED_BY
PO_LINE_LOCATIONS_N7	NOT UNIQUE	1	CANCELLED_BY
PO_LINE_LOCATIONS_N8	NOT UNIQUE	1	SOURCE_SHIPMENT_ID
PO_LINE_LOCATIONS_N9	NOT UNIQUE	5	FROM_LINE_LOCATION_ID
PO_LINE_LOCATIONS_U1	UNIQUE	1	LINE_LOCATION_ID

Sequences

Sequence	Derived Column
PO_LINE_LOCATIONS_S	LINE_LOCATION_ID

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## PO\_RELEASES\_ALL

PO\_RELEASES\_ALL contains information about blanket and planned purchase order releases. You need one row for each release you issue for a blanket or planned purchase order. Each row includes the buyer, date, release status, and release number. Each release must have at least one purchase order shipment (PO\_LINE\_LOCATIONS\_ALL). RELEASE\_NUM is the number you assign to the release.

### Foreign Keys

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

### QuickCodes Columns

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

QuickCodes Columns (Continued)

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

Column Descriptions

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

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Column Descriptions (Continued)

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

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Column Descriptions (Continued)

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

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### Indexes

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

### Sequences

Sequence	Derived Column
PO_RELEASES_S	PO_RELEASE_ID

## PO\_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	WIP_ENTITY_ID
	ORGANIZATION_ID	DESTINATION_ORGANIZATION_ID
WIP_LINES	LINE_ID	WIP_LINE_ID
	ORGANIZATION_ID	DESTINATION_ORGANIZATION_ID
WIP_OPERATIONS	WIP_ENTITY_ID	WIP_ENTITY_ID
	ORGANIZATION_ID	DESTINATION_ORGANIZATION_ID
	OPERATION_SEQ_NUM	WIP_OPERATION_SEQ_NUM
	REPETITIVE_SCHEDULE_ID	WIP_REPETITIVE_SCHEDULE_ID
WIP_OPERATION_RESOURCES	WIP_ENTITY_ID	WIP_ENTITY_ID
	ORGANIZATION_ID	DESTINATION_ORGANIZATION_ID
	OPERATION_SEQ_NUM	WIP_OPERATION_SEQ_NUM
	RESOURCE_SEQ_NUM	WIP_RESOURCE_SEQ_NUM
	REPETITIVE_SCHEDULE_ID	WIP_REPETITIVE_SCHEDULE_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	WIP_REPETITIVE_SCHEDULE_ID
	ORGANIZATION_ID	DESTINATION_ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTHORIZATION_STATUS	AUTHORIZATION STATUS	PO_LOOKUP_CODES
	APPROVED	Document has been Approved
	CANCELLED	Document has been Cancelled
	IN PROCESS	Document is still undergoing Approval
	INCOMPLETE	Document is not yet Complete
	PRE-APPROVED	Document is Approved but not yet Accepted
	REJECTED	Document as been Rejected
	REQUIRES REAPPROVAL	Requires Reapproval
	RETURNED	Document has been Returned
DESTINATION_TYPE_CODE	DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Goods are expensed from the system upon delivery
	INVENTORY	Goods are received into inventory upon delivery
	SHOP FLOOR	Goods are received into an outside operation upon delivery

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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

**Oracle Proprietary, Confidential Information--Use Restricted by Contract**

Column Descriptions (Continued)

Name	Null?	Type	Description
REQ_NUMBER_SEGMENT5	NULL	VARCHAR2(20)	Key flexfield segment
HEADER_DESCRIPTION	NULL	VARCHAR2(240)	Header description
HEADER_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
HEADER_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
URGENT_FLAG	NULL	VARCHAR2(1)	Indicates whether the requisition is urgent or not
HEADER_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
RFQ_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether an RFQ is required prior to placement on a purchase order
JUSTIFICATION	NULL	VARCHAR2(240)	Purchase justification
NOTE_TO_BUYER	NULL	VARCHAR2(240)	Note to buyer
NOTE_TO_RECEIVER	NULL	VARCHAR2(240)	Note to receiver
ITEM_ID	NULL	NUMBER	Item unique identifier
ITEM_SEGMENT1	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT2	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT3	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT4	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT5	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT6	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT7	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT8	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT9	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT10	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT11	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT12	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT13	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT14	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT15	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT16	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT17	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT18	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT19	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT20	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_REVISION	NULL	VARCHAR2(3)	Item revision
CHARGE_ACCOUNT_ID	NULL	NUMBER	Unique Identifier for the General Ledger charge account
CHARGE_ACCOUNT_SEGMENT1	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT2	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT3	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT4	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT5	NULL	VARCHAR2(25)	Key flexfield segment

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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
OKE_CONTRACT_HEADER_ID	NULL	NUMBER	
OKE_CONTRACT_NUM	NULL	VARCHAR2(120)	
OKE_CONTRACT_VERSION_ID	NULL	NUMBER	
OKE_CONTRACT_LINE_ID	NULL	NUMBER	
OKE_CONTRACT_LINE_NUM	NULL	VARCHAR2(150)	
OKE_CONTRACT_DELIVERABLE_ID	NULL	NUMBER	
OKE_CONTRACT_DELIVERABLE_NUM	NULL	VARCHAR2(150)	

Indexes

Index Name	Index Type	Sequence	Column Name
PO_REQUISITIONS_INTERFACE_N1	NOT UNIQUE	1	ITEM_ID
PO_REQUISITIONS_INTERFACE_N2	NOT UNIQUE	1	DELIVER_TO_LOCATION_ID
PO_REQUISITIONS_INTERFACE_N3	NOT UNIQUE	1	SOURCE_ORGANIZATION_ID
PO_REQUISITIONS_INTERFACE_N4	NOT UNIQUE	1	DESTINATION_ORGANIZATION_ID
PO_REQUISITIONS_INTERFACE_N5	NOT UNIQUE	1	REQUEST_ID
		2	REQ_NUMBER_SEGMENT1
PO_REQUISITIONS_INTERFACE_N6	NOT UNIQUE	1	PROCESS_FLAG

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PO_REQUISITIONS_INTERFACE_U1	UNIQUE	1	TRANSACTION_ID

Sequences

Sequence	Derived Column
PO_REQUISITIONS_INTERFACE_S	TRANSACTION_ID

# PO\_REQUISITION\_HEADERS\_ALL

PO\_REQUISITION\_HEADERS\_ALL stores information about requisition headers. You need one row for each requisition header you create. Each row contains the requisition number, preparer, status, and description.

REQUISITION\_HEADER\_ID is the unique system-generated requisition number. REQUISITION\_HEADER\_ID is invisible to the user. SEGMENT1 is the number you use to identify the requisition in forms and reports. Oracle Purchasing generates SEGMENT1 using the PO\_UNIQUE\_IDENTIFIER\_CONTROL table if you choose to let Oracle Purchasing generate requisition numbers for you.

PO\_REQUISITION\_HEADERS\_ALL is one of three tables storing requisition information. PO\_REQUISITION\_HEADERS\_ALL corresponds to the Header region of the Requisitions window.

SEGMENT1 provides unique values for each row in the table in addition to REQUISITION\_HEADER\_ID.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
PO_REQUISITIONS_INTERFACE_ALL	INTERFACE_SOURCE_CODE	INTERFACE_SOURCE_CODE
PO_REQUISITIONS_INTERFACE_ALL	INTERFACE_SOURCE_LINE_ID	INTERFACE_SOURCE_LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTHORIZATION_STATUS	AUTHORIZATION STATUS	PO_LOOKUP_CODES
	APPROVED	Document has been Approved
	CANCELLED	Document has been Cancelled
	IN PROCESS	Document is still undergoing Approval
	INCOMPLETE	Document is not yet Complete
	PRE-APPROVED	Document is Approved but not yet Accepted
	REJECTED	Document as been Rejected
	REQUIRES REAPPROVAL	Requires Reapproval
	RETURNED	Document has been Returned
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Ap-proved
	AWAITING PRINTING	The Document is Awaiting Printing

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	CANCELLED	The Document has been Cancelled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still undergoing Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE-APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Rejected
	REQUIRES REAPPROVAL	The Document has been changed since it was Approved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Returned by a Buyer
	UNFROZEN	The Document is Not Frozen
TYPE_LOOKUP_CODE	DOCUMENT TYPE	PO_LOOKUP_CODES
	PA	Purchase Agreement
	PO	Purchase Order
	QUOTATION	Quotation
	RELEASE	Purchase Order Release
	REQUISITION	Requisition
	RFQ	Request for Quotation

Column Descriptions

Name	Null?	Type	Description
REQUISITION_HEADER_ID (PK)	NOT NULL	NUMBER	Requisition header unique identifier
PREPARER_ID	NOT NULL	NUMBER(9)	Unique identifier of the employee who prepared the requisition
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
SEGMENT1	NOT NULL	VARCHAR2(20)	Requisition number
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield summary flag
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield enabled flag
SEGMENT2	NUL	VARCHAR2(20)	Key flexfield segment column
SEGMENT3	NUL	VARCHAR2(20)	Key flexfield segment column
SEGMENT4	NUL	VARCHAR2(20)	Key flexfield segment column
SEGMENT5	NUL	VARCHAR2(20)	Key flexfield segment column
START_DATE_ACTIVE	NUL	DATE	Key flexfield start date
END_DATE_ACTIVE	NUL	DATE	Key flexfield end date
LAST_UPDATE_LOGIN	NUL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Description for requisition
AUTHORIZATION_STATUS	NULL	VARCHAR2(25)	Authorization status type
NOTE_TO_AUTHORIZER	NULL	VARCHAR2(240)	Note to approver (Unused since release 8.0)
TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Requisition type
TRANSFERRED_TO_OE_FLAG	NULL	VARCHAR2(1)	Indicates whether an internal requisition has been transferred to Order Management
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ON_LINE_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
PRELIMINARY_RESEARCH_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
RESEARCH_COMPLETE_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
PREPARER_FINISHED_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
PREPARER_FINISHED_DATE	NULL	DATE	Unused since release 7.0
AGENT_RETURN_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
AGENT_RETURN_NOTE	NULL	VARCHAR2(240)	Unused since release 7.0
CANCEL_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
INTERFACE_SOURCE_CODE	NULL	VARCHAR2(25)	Source of requisition from Requisition Import
INTERFACE_SOURCE_LINE_ID	NULL	NUMBER	Source requisition line identifier from Requisition Import
CLOSED_CODE	NULL	VARCHAR2(25)	Close status
ORG_ID	NULL	NUMBER	Operating unit unique identifier
WF_ITEM_TYPE	NULL	VARCHAR2(8)	Approval workflow item type
WF_ITEM_KEY	NULL	VARCHAR2(240)	Approval workflow item key
EMERGENCY_PO_NUM	NULL	VARCHAR2(20)	Purchase order number reserved in advance for an emergency requisition
PCARD_ID	NULL	NUMBER(15)	Unique identifier for procurement card used for the order

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Column Descriptions (Continued)

Name	Null?	Type	Description
APPS_SOURCE_CODE	NULL	VARCHAR2(25)	Application source code, indicating the creation method for the requisition

Indexes

Index Name	Index Type	Sequence	Column Name
PO_REQUISITION_HEADERS_N1	NOT UNIQUE	1	PREPARER_ID
PO_REQUISITION_HEADERS_N2	NOT UNIQUE	1	CREATION_DATE
PO_REQUISITION_HEADERS_N3	NOT UNIQUE	1	AUTHORIZATION_STATUS
PO_REQUISITION_HEADERS_N4	NOT UNIQUE	1	TRANSFERRED_TO_OE_FLAG
PO_REQUISITION_HEADERS_N5	NOT UNIQUE	1	WF_ITEM_TYPE
		2	WF_ITEM_KEY
PO_REQUISITION_HEADERS_U1	UNIQUE	1	REQUISITION_HEADER_ID
PO_REQUISITION_HEADERS_U2	UNIQUE	1	SEGMENT1
		2	ORG_ID

Sequences

Sequence	Derived Column
PO_REQUISITION_HEADERS_S	REQUISITION_HEADER_ID

## PO\_REQUISITION\_LINES\_ALL

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

LINE\_LOCATION\_ID identifies the purchase order shipment line on which you placed the requisition. LINE\_LOCATION\_ID is null if you have not placed the requisition line on a purchase order. BLANKET\_PO\_HEADER\_ID and BLANKET\_PO\_LINE\_NUM store the suggested blanket purchase agreement or catalog quotation line information for the requisition line. PARENT\_REQ\_LINE\_ID contains the REQUISITION\_LINE\_ID from the original requisition line if you exploded or multisourced this requisition line.

PO\_REQUISITION\_LINES is one of three tables storing requisition information. This table corresponds to the Lines region of the Requisitions window.

### Foreign Keys

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

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### Foreign Keys (Continued)

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

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Ap- proved
	AWAITING PRINTING	The Document is Awaiting Printing
	CANCELLED	The Document has been Can- celled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still under- going Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE-APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Re- jected
	REQUIRES REAPPROVAL	The Document has been changed since it was Ap- proved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Re- turned by a Buyer
	UNFROZEN	The Document is Not Frozen
DESTINATION_TYPE_CODE	DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Goods are expensed from the system upon delivery
	INVENTORY	Goods are received into inventory upon delivery
	SHOP FLOOR	Goods are received into an outside operation upon de- livery
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
OKE_CONTRACT_VERSION_ID	NULL	NUMBER	Stores the contract version number
OKE_CONTRACT_HEADER_ID	NULL	NUMBER	Stores the header id of a contract
ITEM_SOURCE_ID	NULL	NUMBER	
SUPPLIER_REF_NUMBER	NULL	VARCHAR2(150)	

Indexes

Index Name	Index Type	Sequence	Column Name
PO_REQUISITION_LINES_N1	NOT UNIQUE	1	LINE_LOCATION_ID

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## Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PO_REQUISITION_LINES_N10	NOT UNIQUE	5	DELIVER_TO_LOCATION_ID
PO_REQUISITION_LINES_N11	NOT UNIQUE	5	SUGGESTED_VENDOR_PRODUCT_CODE
PO_REQUISITION_LINES_N2	NOT UNIQUE	1	CATEGORY_ID
PO_REQUISITION_LINES_N3	NOT UNIQUE	1	NEED_BY_DATE
PO_REQUISITION_LINES_N4	NOT UNIQUE	1	TO_PERSON_ID
PO_REQUISITION_LINES_N5	NOT UNIQUE	1	SUGGESTED_VENDOR_NAME
PO_REQUISITION_LINES_N6	NOT UNIQUE	1	SUGGESTED_BUYER_ID
PO_REQUISITION_LINES_N7	NOT UNIQUE	1	ITEM_ID
PO_REQUISITION_LINES_N8	NOT UNIQUE	1	BLANKET_PO_HEADER_ID
PO_REQUISITION_LINES_N9	NOT UNIQUE	2	WIP_ENTITY_ID
		4	WIP_OPERATION_SEQ_NUM
		6	WIP_RESOURCE_SEQ_NUM
		8	DESTINATION_ORGANIZATION_ID
		10	WIP_REPETITIVE_SCHEDULE_ID
PO_REQUISITION_LINES_U1	UNIQUE	1	REQUISITION_LINE_ID
PO_REQUISITION_LINES_U2	UNIQUE	1	REQUISITION_HEADER_ID
		2	LINE_NUM

## Sequences

Sequence	Derived Column
PO_REQUISITION_LINES_S	REQUISITION_LINE_ID

## Database Triggers

Trigger Name : JL\_BR\_PO\_IMPORT\_REQUISITIONS  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT

This trigger is executed on insert of a row in PO\_REQUISITION\_LINES\_ALL when TRANSACTION\_REASON\_CODE is null. TRANSACTION\_REASON\_CODE is populated from the inventory item, if available, or from PO\_SYSTEM\_PARAMETERS. This is done only if the country is Brazil (country\_code = 'BR') and the Latin America Localizations for Brazil (product\_code = 'JL') is installed. For Brazilian PO localizations, TRANSACTION\_REASON\_CODE is a required field. In all other cases, this trigger does nothing. new.transaction\_reason\_code is null

## PO\_SYSTEM\_PARAMETERS\_ALL

PO\_SYSTEM\_PARAMETERS\_ALL stores default, control, and option information you provide to customize Oracle Purchasing to your company's needs. PO\_SYSTEM\_PARAMETERS\_ALL corresponds to the Purchasing Options window. This table has no primary key. The table should never have more than one row.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ACCRUED_CODE_COMBINATION_ID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	DEFAULT_RATE_TYPE
PO_LINE_TYPES_B	LINE_TYPE_ID	LINE_TYPE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ENFORCE_FULL_LOT_QUANTITIES	ENFORCE FULL LOT QUANTITIES ADVISORY  MANDATORY  NONE	PO_LOOKUP_CODES The rounded quantity will be displayed for information only  Requested quantity will be forced to the rounded quantity  No quantity rounding will be performed
EXPENSE_ACCRUAL_CODE	EXPENSE ACCRUAL OPTION PERIOD END RECEIPT	PO_LOOKUP_CODES Accrue at period end Accrue on receipt of items
INVENTORY_ACCRUAL_CODE	INVENTORY ACCRUAL OPTION RECEIPT	PO_LOOKUP_CODES Accrue on receipt of items
MANUAL_PO_NUM_TYPE	NUMERIC OR ALPHANUMERIC ALPHANUMERIC NUMERIC	PO_LOOKUP_CODES Alphanumeric value Numeric value
MANUAL_QUOTE_NUM_TYPE	NUMERIC OR ALPHANUMERIC ALPHANUMERIC NUMERIC	PO_LOOKUP_CODES Alphanumeric value Numeric value
MANUAL_RECEIPT_NUM_TYPE	NUMERIC OR ALPHANUMERIC ALPHANUMERIC NUMERIC	PO_LOOKUP_CODES Alphanumeric value Numeric value
MANUAL_REQ_NUM_TYPE	NUMERIC OR ALPHANUMERIC ALPHANUMERIC NUMERIC	PO_LOOKUP_CODES Alphanumeric value Numeric value
MANUAL_RFQ_NUM_TYPE	NUMERIC OR ALPHANUMERIC ALPHANUMERIC NUMERIC	PO_LOOKUP_CODES Alphanumeric value Numeric value
PRICE_BREAK_LOOKUP_CODE	PRICE BREAK TYPE CUMULATIVE	PO_LOOKUP_CODES Cumulative

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	NON CUMULATIVE	Non-Cumulative
PRICE_TYPE_LOOKUP_CODE	PRICE TYPE	PO_LOOKUP_CODES
	COST FEE	Cost Plus Fee
	COST PERCENT	Cost Plus Percentage
	FIXED	Fixed
	INDEXED	Indexed
	VARIABLE	Variable
RECEIVE_CLOSE_CODE	RECEIVE CLOSE	PO_LOOKUP_CODES
	ACCEPTED	Upon Acceptance of Goods
	DELIVERED	Upon Delivery of Goods
	RECEIVED	Upon Receipt of Goods
REQIMPORT_GROUP_BY_CODE	REQIMPORT GROUP BY	PO_LOOKUP_CODES
	ALL	Group all Regs together
	BUYER	Group by Buyer
	CATEGORY	Group by Category
	ITEM	Group by Item
	LOCATION	Group by Location
	VENDOR	Group by Vendor
USER_DEFINED_PO_NUM_CODE	MANUAL OR AUTOMATIC	PO_LOOKUP_CODES
	AUTOMATIC	Automatic entry of numbers
	MANUAL	Manual entry of numbers
USER_DEFINED_QUOTE_NUM_CODE	MANUAL OR AUTOMATIC	PO_LOOKUP_CODES
	AUTOMATIC	Automatic entry of numbers
	MANUAL	Manual entry of numbers
USER_DEFINED_RECEIPT_NUM_CODE	MANUAL OR AUTOMATIC	PO_LOOKUP_CODES
	AUTOMATIC	Automatic entry of numbers
	MANUAL	Manual entry of numbers
USER_DEFINED_REQ_NUM_CODE	MANUAL OR AUTOMATIC	PO_LOOKUP_CODES
	AUTOMATIC	Automatic entry of numbers
	MANUAL	Manual entry of numbers
USER_DEFINED_RFQ_NUM_CODE	MANUAL OR AUTOMATIC	PO_LOOKUP_CODES
	AUTOMATIC	Automatic entry of numbers
	MANUAL	Manual entry of numbers

Column Descriptions

Name	Null?	Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
ACCRUED_CODE_COMBINATION_ID	NULL	NUMBER	Unique identifier of the Receipt accrual General Ledger account
PRICE_CHANGE_ALLOWANCE	NULL	NUMBER	Price difference percentage you allow between requisition and purchase order price
REQ_CAN_AUTHORIZE	NULL	VARCHAR2(1)	No longer used
INSPECTION_REQUIRED_FLAG	NULL	VARCHAR2(1)	Default value that indicates whether you require inspection for items you order



Column Descriptions (Continued)

Name	Null?	Type	Description
ENFORCE_PRICE_CHANGE_ALLOWANCE	NULL	VARCHAR2(1)	Indicates whether you enforce the requisition price to purchase order price tolerance during purchase order approval
DEFAULT_RATE_TYPE	NULL	VARCHAR2(25)	Default currency rate type for your documents
TAXABLE_FLAG	NULL	VARCHAR2(1)	Default value that indicates whether your purchases are taxable
USER_DEFINED_RECEIPT_NUM_CODE	NULL	VARCHAR2(25)	Receipt numbering type
MANUAL_RECEIPT_NUM_TYPE	NULL	VARCHAR2(25)	Receipt number type
USER_DEFINED_QUOTE_NUM_CODE	NULL	VARCHAR2(25)	Quotation numbering type
MANUAL_QUOTE_NUM_TYPE	NULL	VARCHAR2(25)	Quotation number type
USER_DEFINED_RFQ_NUM_CODE	NULL	VARCHAR2(25)	RFQ numbering type
MANUAL_RFQ_NUM_TYPE	NULL	VARCHAR2(25)	RFQ number type
USER_DEFINED_PO_NUM_CODE	NULL	VARCHAR2(25)	Purchase order numbering type
MANUAL_PO_NUM_TYPE	NULL	VARCHAR2(25)	Purchase order number type
USER_DEFINED_REQ_NUM_CODE	NULL	VARCHAR2(25)	Requisition numbering type
MANUAL_REQ_NUM_TYPE	NULL	VARCHAR2(25)	Requisition number type
DEFAULT_QUOTE_WARNING_DELAY	NULL	NUMBER	Default warning delay for quotations
ENFORCE_BUYER_AUTHORITY_FLAG	NULL	VARCHAR2(1)	No longer used
ENFORCE_BUYER_NAME_FLAG	NULL	VARCHAR2(1)	Indicates whether you allow changing the name of the buyer on a purchase order to any name
ENFORCE_VENDOR_HOLD_FLAG	NULL	VARCHAR2(1)	Indicates whether you enforce supplier holds during purchase order approval
NOTIFY_IF_BLANKET_FLAG	NULL	VARCHAR2(1)	Indicates whether you want to notify requestors when a blanket purchase order exists for items they request
RFQ_REQUIRED_FLAG	NULL	VARCHAR2(1)	Default value that indicates whether you require RFQs for requisitions
PO_DOCUMENT_REPORT_ID	NULL	NUMBER	No longer used
PO_DOCUMENT_PRINT_FLAG	NULL	VARCHAR2(1)	No longer used
RFQ_DOCUMENT_REPORT_ID	NULL	NUMBER	No longer used
RFQ_DOCUMENT_PRINT_FLAG	NULL	VARCHAR2(1)	No longer used
LINE_TYPE_ID	NULL	NUMBER	Unique identifier of the line type you use on your documents
NEXT_APPROVER_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of next approver logic
RECEIVING_FLAG	NULL	VARCHAR2(1)	Default value that indicates whether you require receipt for items you order or not
ALLOW_ITEM_DESC_UPDATE_FLAG	NULL	VARCHAR2(1)	Default value that indicates whether item descriptions can be updated on document lines
DISPOSITION_WARNING_FLAG	NULL	VARCHAR2(1)	Default value that indicates whether disposition messages are displayed for items
ENFORCE_FULL_LOT_QUANTITIES	NULL	VARCHAR2(25)	Default value that indicates whether full lot quantities are enforced
SECURITY_POSITION_STRUCTURE_ID	NULL	NUMBER	Security hierarchy for document types with hierarchy security level
MIN_RELEASE_AMOUNT	NULL	NUMBER	Default minimum release amount for blanket and planned purchase orders in functional currency

**Oracle Proprietary, Confidential Information--Use Restricted by Contract**

Column Descriptions (Continued)

Name	Null?	Type	Description
PRICE_TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Default price type for purchase orders
NOTIFICATION_WARNING_DELAY	NULL	NUMBER	Not currently used
PRICE_BREAK_LOOKUP_CODE	NULL	VARCHAR2(25)	Default price break type for catalog quotations and blanket agreements
INVOICE_CLOSE_CODE	NULL	VARCHAR2(25)	Not currently used
RECEIVE_CLOSE_CODE	NULL	VARCHAR2(25)	Default receiving close point
INVOICE_CLOSE_TOLERANCE	NULL	NUMBER	Default invoice close tolerance percent
RECEIVE_CLOSE_TOLERANCE	NULL	NUMBER	Default receiving close tolerance percent
CANCEL_REQS_ON_PO_CANCEL_FLAG	NULL	VARCHAR2(1)	Default value that indicates if a requisition is cancelled when the purchase order is cancelled
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
REQIMPORT_GROUP_BY_CODE	NULL	VARCHAR2(25)	Default Requisition Import group-by method
EXPENSE_ACCRUAL_CODE	NULL	VARCHAR2(25)	Accrual option for expense items
INVENTORY_ACCRUAL_CODE	NULL	VARCHAR2(25)	Accrual option for inventory items
ORDER_TYPE_ID	NULL	NUMBER	Order type for internal requisitions
ORDER_SOURCE_ID	NULL	NUMBER	Order source for internal requisitions
SALESREP_ID	NULL	NUMBER	Not currently used
TERM_ID	NULL	NUMBER	Not currently used
ORG_ID	NULL	NUMBER	Operating unit unique identifier
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality

Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country-specific functionality
TAX_FROM_SHIP_TO_LOC_FLAG	NULL	VARCHAR2(1)	Default tax code from ship-to location
TAX_FROM_ITEM_FLAG	NULL	VARCHAR2(1)	Default tax code from the inventory item
TAX_FROM_VENDOR_FLAG	NULL	VARCHAR2(1)	Default tax code from the supplier
TAX_FROM_VENDOR_SITE_FLAG	NULL	VARCHAR2(1)	Default tax code from supplier site
TAX_FROM_SYSTEM_FLAG	NULL	VARCHAR2(1)	Default tax code from Financial Options window
TAX_HIER_SHIP_TO_LOC	NULL	NUMBER(15)	Ship-to location position in tax code defaulting hierarchy
TAX_HIER_ITEM	NULL	NUMBER(15)	Item position in the tax code defaulting hierarchy
TAX_HIER_VENDOR	NULL	NUMBER(15)	Supplier position in the tax code defaulting hierarchy
TAX_HIER_VENDOR_SITE	NULL	NUMBER(15)	Supplier Site position in the tax code defaulting hierarchy
TAX_HIER_SYSTEM	NULL	NUMBER(15)	Financial Options in the tax code defaulting hierarchy
CREATE_DEBIT_MEMO_FLAG	NULL	VARCHAR2(25)	Indicator of whether a debit memo should be created

Indexes

Index Name	Index Type	Sequence	Column Name
PO_SYSTEM_PARAMETERS_U1	UNIQUE	1	ORG_ID

## PO\_UN\_NUMBERS\_B

PO\_UN\_NUMBERS\_B contains information about the United Nations hazardous materials classification numbers that you use in your business. Oracle Purchasing lets you record UN numbers information to let you comply with Section 19 of the International Safety Rating System. You need one row for each UN number you use.

Oracle Purchasing uses this information to let you provide UN number information on your purchase orders, requisitions, RFQs, and quotations.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PO_HAZARD_CLASSES_B	HAZARD_CLASS_ID	HAZARD_CLASS_ID

### Column Descriptions

Name	Null?	Type	Description
UN_NUMBER_ID (PK)	NOT NULL	NUMBER	Unique identifier for the United Nations number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
HAZARD_CLASS_ID	NULL	NUMBER	Hazard class unique identifier
INACTIVE_DATE	NULL	DATE	Inactive date for record
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

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*Indexes*

Index Name	Index Type	Sequence	Column Name
PO_UN_NUMBERS_B_U1	UNIQUE	1	UN_NUMBER_ID

*Sequences*

Sequence	Derived Column
PO_UN_NUMBERS_S	UN_NUMBER_ID

## 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

## PO\_VENDOR\_SITES\_ALL

PO\_VENDOR\_SITES\_ALL stores information about your supplier sites. You need a row for each supplier site you define. Each row includes the site address, supplier reference, purchasing, payment, bank, and general information. Oracle Purchasing uses this information to store supplier address information.

This table is one of three tables that store supplier information. PO\_VENDOR\_SITES\_ALL corresponds to the Sites region of the Suppliers window.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_DISTRIBUTION_SETS_ALL	DISTRIBUTION_SET_ID	DISTRIBUTION_SET_ID
AP_TERMS_TL	TERM_ID	TERMS_ID
FND_CURRENCIES	CURRENCY_CODE	INVOICE_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	PAYMENT_CURRENCY_CODE
FND_USER	USER_ID	CREATED_BY
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ACCTS_PAY_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	PREPAY_CODE_COMBINATION_ID
ORG_FREIGHT_TL	FREIGHT_CODE	SHIP_VIA_LOOKUP_CODE
PO_VENDORS	VENDOR_ID	VENDOR_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FOB_LOOKUP_CODE	FOB	AR_LOOKUPS
PAYMENT_METHOD_LOOKUP_CODE	PAYMENT METHOD	AP_LOOKUP_CODES
PAY_DATE_BASIS_LOOKUP_CODE	PAY DATE BASIS	PO_LOOKUP_CODES
	DISCOUNT	Pay on Discount Date
	DUE	Pay on Due Date

### Column Descriptions

Name	Null?	Type	Description
VENDOR_SITE_ID (PK)	NOT NULL	NUMBER	Supplier site unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
VENDOR_ID	NOT NULL	NUMBER	Supplier unique identifier
VENDOR_SITE_CODE	NOT NULL	VARCHAR2(15)	Site code name
VENDOR_SITE_CODE_ALT	NULL	VARCHAR2(320)	Alternate supplier site code for Kana Value
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
PURCHASING_SITE_FLAG	NULL	VARCHAR2(1)	Indicates whether you can purchase from this site

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Column Descriptions (Continued)

Name	Null?	Type	Description
RFQ_ONLY_SITE_FLAG	NULL	VARCHAR2(1)	Indicates whether you can only send RFQs to this site
PAY_SITE_FLAG	NULL	VARCHAR2(1)	Indicates whether you can send payments to this site
ATTENTION_AR_FLAG	NULL	VARCHAR2(1)	Indicates whether the payments should be sent to the Account Receivables department
ADDRESS_LINE1	NULL	VARCHAR2(35)	First line of supplier address
ADDRESS_LINES_ALT	NULL	VARCHAR2(560)	Alternate address line for Kana Value
ADDRESS_LINE2	NULL	VARCHAR2(35)	Second line of supplier address
ADDRESS_LINE3	NULL	VARCHAR2(35)	Third line of supplier address
CITY	NULL	VARCHAR2(25)	City name
STATE	NULL	VARCHAR2(25)	State name or abbreviation
ZIP	NULL	VARCHAR2(20)	Postal code
PROVINCE	NULL	VARCHAR2(25)	Province
COUNTRY	NULL	VARCHAR2(25)	Country name
AREA_CODE	NULL	VARCHAR2(10)	Area code
PHONE	NULL	VARCHAR2(15)	Phone number
CUSTOMER_NUM	NULL	VARCHAR2(25)	Customer number with the supplier site
SHIP_TO_LOCATION_ID	NULL	NUMBER	Default ship-to location unique identifier
BILL_TO_LOCATION_ID	NULL	NUMBER	Ship-to location unique identifier
SHIP_VIA_LOOKUP_CODE	NULL	VARCHAR2(25)	Default carrier type
FREIGHT_TERMS_LOOKUP_CODE	NULL	VARCHAR2(25)	Default freight terms type
FOB_LOOKUP_CODE	NULL	VARCHAR2(25)	Default free-on-board type
INACTIVE_DATE	NULL	DATE	Inactive date for record
FAX	NULL	VARCHAR2(15)	Customer site facsimile number
FAX_AREA_CODE	NULL	VARCHAR2(10)	Customer site
TELEX	NULL	VARCHAR2(15)	Telex number
PAYMENT_METHOD_LOOKUP_CODE	NULL	VARCHAR2(25)	Default payment method type
BANK_ACCOUNT_NAME	NULL	VARCHAR2(80)	Bank account name
BANK_ACCOUNT_NUM	NULL	VARCHAR2(30)	Bank account number
BANK_NUM	NULL	VARCHAR2(25)	Bank number
BANK_ACCOUNT_TYPE	NULL	VARCHAR2(25)	Bank account type
TERMS_DATE_BASIS	NULL	VARCHAR2(25)	Type of invoice payment schedule basis
CURRENT_CATALOG_NUM	NULL	VARCHAR2(20)	Not currently used
VAT_CODE	NULL	VARCHAR2(20)	Value-added tax code
DISTRIBUTION_SET_ID	NULL	NUMBER	Distribution set unique identifier
ACCTS_PAY_CODE_COMBINATION_ID	NULL	NUMBER	Unique identifier for the supplier liability account
PREPAY_CODE_COMBINATION_ID	NULL	NUMBER	Unique identifier for the general ledger account for prepayment
PAY_GROUP_LOOKUP_CODE	NULL	VARCHAR2(25)	Payment group type
PAYMENT_PRIORITY	NULL	NUMBER	Payment priority
TERMS_ID	NULL	NUMBER	Payment terms unique identifier
INVOICE_AMOUNT_LIMIT	NULL	NUMBER	Maximum amount per invoice
PAY_DATE_BASIS_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of payment date basis
ALWAYS_TAKE_DISC_FLAG	NULL	VARCHAR2(1)	Indicator of whether Oracle Payables should always take a discount for the supplier
INVOICE_CURRENCY_CODE	NULL	VARCHAR2(15)	Default currency unique identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
PAYMENT_CURRENCY_CODE	NULL	VARCHAR2(15)	Default payment currency unique identifier
HOLD_ALL_PAYMENTS_FLAG	NULL	VARCHAR2(1)	Indicates whether Oracle Payables should place all payments for this supplier on hold
HOLD_FUTURE_PAYMENTS_FLAG	NULL	VARCHAR2(1)	Indicates whether Oracle Payables should place unapproved invoices for this supplier on hold
HOLD_REASON	NULL	VARCHAR2(240)	Hold that will be applied to this supplier's invoices
HOLD_UNMATCHED_INVOICES_FLAG	NULL	VARCHAR2(1)	Indicates whether unmatched invoices should be put on hold
AP_TAX_ROUNDING_RULE	NULL	VARCHAR2(1)	Indicates the rounding rule for tax values
AUTO_TAX_CALC_FLAG	NULL	VARCHAR2(1)	Level for automatic tax calculation for supplier
AUTO_TAX_CALC_OVERRIDE	NULL	VARCHAR2(1)	Allows override of tax calculation at supplier site level
AMOUNT_INCLUDES_TAX_FLAG	NULL	VARCHAR2(1)	Do amounts include tax from this supplier?
EXCLUSIVE_PAYMENT_FLAG	NULL	VARCHAR2(1)	Exclusive payment flag
TAX_REPORTING_SITE_FLAG	NULL	VARCHAR2(1)	Tax reporting site Flag
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
VALIDATION_NUMBER	NULL	NUMBER	Validation number
EXCLUDE_FREIGHT_FROM_DISCOUNT	NULL	VARCHAR2(1)	Indicates whether the freight amount is to be excluded from the discount
VAT_REGISTRATION_NUM	NULL	VARCHAR2(20)	VAT registration number
OFFSET_VAT_CODE	NULL	VARCHAR2(20)	Offset VAT code
ORG_ID	NULL	NUMBER	Operating unit unique identifier
CHECK_DIGITS	NULL	VARCHAR2(30)	Check digits for Accounts Payable
BANK_NUMBER	NULL	VARCHAR2(30)	Bank number for Accounts Payable
ADDRESS_LINE4	NULL	VARCHAR2(35)	Fourth line of address

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Column Descriptions (Continued)

Name	Null?	Type	Description
COUNTY	NULL	VARCHAR2(25)	Supplier site county
ADDRESS_STYLE	NULL	VARCHAR2(30)	Style of address
LANGUAGE	NULL	VARCHAR2(30)	Site language
ALLOW_AWT_FLAG	NULL	VARCHAR2(1)	Indicator of whether Allow Withholding Tax is enabled
AWT_GROUP_ID	NULL	NUMBER(15)	Unique identifier for the withholding tax group
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality
EDI_TRANSACTION_HANDLING	NULL	VARCHAR2(25)	ANSI standard code for EDI transaction type
EDI_ID_NUMBER	NULL	VARCHAR2(30)	EDI trading partner number for the supplier site
EDI_PAYMENT_METHOD	NULL	VARCHAR2(25)	How payment is to be made through EDI. Valid method are ACH and BOP.
EDI_PAYMENT_FORMAT	NULL	VARCHAR2(25)	Type of information being transmitted with the funds if using EDI_PAYMENT_METHOD ACH. Valid values are CCD, CCP, CTP, CTX, PPD and PPP.

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Column Descriptions (Continued)

Name	Null?	Type	Description
EDI_REMITTANCE_METHOD	NULL	VARCHAR2(25)	How remittance advice will be sent to the supplier
BANK_CHARGE_BEARER	NULL	VARCHAR2(1)	Indicator of whether this supplier site is a bank charge bearer site
EDI_REMITTANCE_INSTRUCTION	NULL	VARCHAR2(256)	Who will send the remittance advice. Valid values are banks or payables systems.
BANK_BRANCH_TYPE	NULL	VARCHAR2(25)	Which list the bank routing number is on. Valid types are ABA, CHIPS, SWIFT, and OTHER.
PAY_ON_CODE	NULL	VARCHAR2(25)	When to create an invoice. Currently, the code 'RECEIPT' is used. Future enhancements could include 'DELIVERY'.
DEFAULT_PAY_SITE_ID	NULL	NUMBER(15)	Payment site for the site in which the receipt was entered.
PAY_ON_RECEIPT_SUMMARY_CODE	NULL	VARCHAR2(25)	If the PAY_ON_CODE is 'RECEIPT', then this column identifies how to consolidate the receipts to create invoices. Valid values are PAY_SITE, PACKING_SLIP, and RECEIPT.
TP_HEADER_ID	NULL	NUMBER	EDI transaction header unique identifier
ECE_TP_LOCATION_CODE	NULL	VARCHAR2(35)	Training partner location code for e-Commerce Gateway
PCARD_SITE_FLAG	NULL	VARCHAR2(1)	Indicator of whether the site allows use of procurement cards
MATCH_OPTION	NULL	VARCHAR2(25)	Indicator of whether to match the invoices to the purchase order or receipt
COUNTRY_OF_ORIGIN_CODE	NULL	VARCHAR2(2)	Code for the country of manufacture
FUTURE_DATED_PAYMENT_CCID	NULL	NUMBER(15)	Accounting Flexfield identifier for the future dated payment account
CREATE_DEBIT_MEMO_FLAG	NULL	VARCHAR2(25)	Indicator of whether a debit memo should be created
OFFSET_TAX_FLAG	NULL	VARCHAR2(1)	Indicator of whether offset tax is used
SUPPLIER_NOTIF_METHOD	NULL	VARCHAR2(25)	
EMAIL_ADDRESS	NULL	VARCHAR2(2000)	

Indexes

Index Name	Index Type	Sequence	Column Name
PO_VENDOR_SITES_N1	NOT UNIQUE	2	VENDOR_SITE_CODE
PO_VENDOR_SITES_N2	NOT UNIQUE	5	TP_HEADER_ID
		10	ECE_TP_LOCATION_CODE
PO_VENDOR_SITES_U1	UNIQUE	1	VENDOR_SITE_ID
		3	ORG_ID
PO_VENDOR_SITES_U2	UNIQUE	1	VENDOR_ID
		2	VENDOR_SITE_CODE
		3	ORG_ID

Sequences

Sequence	Derived Column
PO_VENDOR_SITES_S	VENDOR_SITE_ID

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## RA\_CUST\_TRX\_TYPES\_ALL

This table stores information about each transaction type used for invoices, commitments and credit memos. Each row includes AutoAccounting information as well as standard defaults for the resulting invoices. POST\_TO\_GL stores 'Y' for Yes and 'N' for No to indicate whether this transaction can post to your general ledger. ACCOUNTING\_AFFECT\_FLAG stores 'Y' for Yes and 'N' for No to indicate whether this transaction can update your open receivables balances. If this is 'Y', you can see this transactions in your agings. TYPE contains 'INV' for invoices, 'CM' for credit memos, 'DM' for debit memos, 'DEP' for deposits, and 'GUAR' for guarantees. If AutoAccounting is based on transaction type, GL\_ID\_REV, GL\_ID\_FREIGHT, and GL\_ID\_REC stores the default revenue, freight, and receivables accounts. STATUS and CREDIT\_MEMO\_TYPE\_ID are required even though they are null allowed. The primary key for this table is CUST\_TRX\_TYPE\_ID.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	GL_ID_REV
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	GL_ID_FREIGHT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	GL_ID_REC
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
RA_CUST_TRX_TYPES_ALL	CUST_TRX_TYPE_ID	CREDIT_MEMO_TYPE_ID
RA_CUST_TRX_TYPES_ALL	CUST_TRX_TYPE_ID	SUBSEQUENT_TRX_TYPE_ID
RA_TERMS_B	TERM_ID	DEFAULT_TERM

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TYPE	INV/CM	AR_LOOKUPS
	CB	Chargeback
	CM	Credit Memo
	DEP	Deposit
	DM	Debit Memo
	GUAR	Guarantee
	INV	Invoice
	PMT	Receipt

### Column Descriptions

Name	Null?	Type	Description
CUST_TRX_TYPE_ID (PK)	NOT NULL	NUMBER(15)	Transaction type identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
POST_TO_GL	NOT NULL	VARCHAR2(1)	Y or N indicates whether transactions should be posted to the General Ledger

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Column Descriptions (Continued)

Name	Null?	Type	Description
ACCOUNTING_AFFECT_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicates whether transactions affect open receivable balances
CREDIT_MEMO_TYPE_ID	NULL	NUMBER(15)	Transaction type identifier of subsequent credit memos
STATUS	NULL	VARCHAR2(30)	Transaction type status flag. Lookup code for CODE_STATUS
NAME	NULL	VARCHAR2(20)	Transaction type name
DESCRIPTION	NULL	VARCHAR2(80)	Transaction type description
TYPE	NULL	VARCHAR2(20)	Transaction Class, could be one of: INV,CM,DM,GUAR,DEP,CB
DEFAULT_TERM	NULL	NUMBER(15)	Term to default for invoices of this type
DEFAULT_PRINTING_OPTION	NOT NULL	VARCHAR2(20)	Printing option to default for invoices of this type
DEFAULT_STATUS	NOT NULL	VARCHAR2(20)	Status to default for invoices of this type
GL_ID_REV	NULL	NUMBER(15)	Revenue Account identifier
GL_ID_FREIGHT	NULL	NUMBER(15)	Freight Account identifier
GL_ID_REC	NULL	NUMBER(15)	Receivables Account identifier
SUBSEQUENT_TRX_TYPE_ID	NULL	NUMBER(15)	Invoice type for invoices related to a commitment of this type
SET_OF_BOOKS_ID	NULL	NUMBER(15)	Set of books identifier
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ALLOW_FREIGHT_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicates whether freight is allowed with the transaction
ALLOW_OVERAPPLICATION_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicates whether applications can exceed the transaction amount
CREATION_SIGN	NOT NULL	VARCHAR2(30)	Determines allowable signs for transactions
END_DATE	NULL	DATE	Transaction type end date
GL_ID_CLEARING	NULL	NUMBER(15)	Clearing Account identifier
GL_ID_TAX	NULL	NUMBER(15)	Tax Account identifier
GL_ID_UNBILLED	NULL	NUMBER(15)	Unbilled Account identifier
GL_ID_UNEARNED	NULL	NUMBER(15)	Unearned Account identifier
START_DATE	NOT NULL	DATE	Transaction type start date

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Column Descriptions (Continued)

Name	Null?	Type	Description
TAX_CALCULATION_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicates whether tax is allowed on transactions
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
NATURAL_APPLICATION_ONLY_FLAG	NOT NULL	VARCHAR2(1)	Yes or No flag indicates whether you want to restrict the direction in which items with this transaction type can be updated by applications entered against them
ORG_ID	NULL	NUMBER(15)	Operating unit identifier
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality

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*Column Descriptions (Continued)*

Name	Null?	Type	Description
RULE_SET_ID	NULL	NUMBER	Application rule set ID for this transaction type
SIGNED_FLAG	NULL	VARCHAR2(1)	Indicates whether or not the drawee needs to accept the Bills Receivable. If acceptance is required the value is Y, otherwise N.
DRAWEE_ISSUED_FLAG	NULL	VARCHAR2(1)	Indicates whether or not the drawee issues the Bills Receivable. If issued by the drawee the value is Y, otherwise N.
MAGNETIC_FORMAT_CODE	NULL	VARCHAR2(30)	Code used to distinguish between Accepted Bills Receivable, Promissory Notes, and Unsigned Bills Receivable.
FORMAT_PROGRAM_ID	NULL	NUMBER(15)	Identifier of the program that will be used to format Bills Receivable.
GL_ID_UNPAID_REC	NULL	NUMBER(15)	Identifier of the Accounting Flexfield for the Unpaid Account.
GL_ID_REMITTANCE	NULL	NUMBER(15)	Identifier of the Accounting Flexfield for the Remittance Account.
GL_ID_FACTOR	NULL	NUMBER(15)	Identifier of the Accounting Flexfield for the Factoring Account.
ALLOCATE_TAX_FREIGHT	NULL	VARCHAR2(1)	Determines if the system will permit the allocation of tax and freight against this type of deposit.

*Indexes*

Index Name	Index Type	Sequence	Column Name
RA_CUST_TRX_TYPES_U1	UNIQUE	1 3	CUST_TRX_TYPE_ID ORG_ID

*Sequences*

Sequence	Derived Column
RA_CUST_TRX_TYPES_S	CUST_TRX_TYPE_ID

## RA\_RULES

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

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEFERRED_REVENUE_FLAG	YES/NO	AR_LOOKUPS
	N	No
	Y	Yes
TYPE	RULE_TYPE	AR_LOOKUPS
	A	Accounting, Fixed Duration
	ACC_DUR	Accounting, Variable Duration
	I	Invoicing

### Column Descriptions

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

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*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
DEFERRED_REVENUE_FLAG	NULL	VARCHAR2(1)	Deferred revenue flag

*Indexes*

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

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
RA_RULES_S	RULE_ID

## RA\_TERMS\_B

This table stores standard Payment Term information. You need one row for each Payment Term you define in Oracle Receivables. Oracle Receivables uses this information to calculate when a payment is due and any discounts given for early payment. Oracle Receivables stores payment schedules in AR\_PAYMENT\_SCHEDULES\_ALL.

### Column Descriptions

Name	Null?	Type	Description
TERM_ID (PK)	NOT NULL	NUMBER(15)	Payment term identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
CREDIT_CHECK_FLAG	NULL	VARCHAR2(1)	Credit checking flag
DUE_CUTOFF_DAY	NULL	NUMBER	Cutoff day with proxima terms when due date is extended one month
PRINTING_LEAD_DAYS	NULL	NUMBER	This is the number of days between the print date and the due date. If this column is null, the invoice is printed on the invoice date. If this column is filled in, the invoice is printed this number of days before the due date.
START_DATE_ACTIVE	NOT NULL	DATE	Date record becomes active
END_DATE_ACTIVE	NULL	DATE	Date record becomes inactive
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
BASE_AMOUNT	NOT NULL	NUMBER	Sum of the relative amount for the installments
CALC_DISCOUNT_ON_LINES_FLAG	NOT NULL	VARCHAR2(1)	Flag to calculate discounts on line amounts only or on the entire invoice amount



*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
FIRST_INSTALLMENT_CODE	NOT NULL	VARCHAR2(12)	Flag to put freight, tax on the first installment or to allocate it over all installments
IN_USE	NOT NULL	VARCHAR2(1)	Flag to indicate whether this payment term has been referenced in a transaction
PARTIAL_DISCOUNT_FLAG	NOT NULL	VARCHAR2(1)	Flag to allow discounts on partial payments
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
RA_TERMS_B_U1	UNIQUE	1	TERM_ID

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
RA_TERMS_S	TERM_ID

## RA\_TERRITORIES

This table stores territory information that is assigned to salespersons in the RA\_SALESREP\_TERRITORIES table.

### Column Descriptions

Name	Null?	Type	Description
TERRITORY_ID (PK)	NOT NULL	NUMBER(15)	Unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Enabled flag. Y means enabled, N means disabled
SUMMARY_FLAG	NULL	VARCHAR2(1)	Standard flexfield combination column
NAME	NULL	VARCHAR2(40)	Territory name
DESCRIPTION	NULL	VARCHAR2(240)	Description of the territory
STATUS	NULL	VARCHAR2(30)	Status of the territory
START_DATE_ACTIVE	NULL	DATE	Effective start date
END_DATE_ACTIVE	NULL	DATE	Effective end date
SEGMENT1	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT2	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT3	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT4	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT5	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT6	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT7	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT8	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT9	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT10	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT11	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT12	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT13	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT14	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT15	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT16	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT17	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT18	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT19	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT20	NULL	VARCHAR2(25)	Accounting Flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

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*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
RA_TERRITORIES_U1	UNIQUE	1	TERRITORY_ID

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
RA_TERRITORIES_S	TERRITORY_ID

## RCV\_LOTS\_INTERFACE

RCV\_LOTS\_INTERFACE holds temporary lot number transaction records for a parent record in the RCV\_TRANSACTIONS\_INTERFACE table. Data in the RCV\_TRANSACTIONS\_INTERFACE table will eventually reside in RCV\_LOT\_TRANSACTIONS after being processed by the receiving transaction processor.

It is possible to have child records in this table without a parent record due to the automatic save feature in the Lot Entry and Serial Number forms. The receiving transaction processor deletes these orphan rows as part of normal processing.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
RCV_SHIPMENT_LINES	SHIPMENT_LINE_ID	SHIPMENT_LINE_ID
RCV_TRANSACTIONS_INTERFACE	INTERFACE_TRANSACTION_ID	INTERFACE_TRANSACTION_ID

### Column Descriptions

Name	Null?	Type	Description
INTERFACE_TRANSACTION_ID	NOT NULL	NUMBER	Interface transaction unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
REQUEST_ID		NUMBER	Standard Who column
PROGRAM_APPLICATION_ID		NUMBER	Standard Who column
PROGRAM_ID		NUMBER	Standard Who column
PROGRAM_UPDATE_DATE		DATE	Standard Who column
LOT_NUM	NOT NULL	VARCHAR2(30)	Lot number
QUANTITY	NOT NULL	NUMBER	Lot quantity in transaction unit of measure
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
EXPIRATION_DATE		DATE	Lot number expiration date
PRIMARY_QUANTITY		NUMBER	Lot quantity in terms of the item's primary unit of measure
ITEM_ID		NUMBER	Item unique identifier
SHIPMENT_LINE_ID		NUMBER	Unique identifier of receipt shipment line

### Indexes

Index Name	Index Type	Sequence	Column Name
RCV_LOTS_INTERFACE_N1	NOT UNIQUE	1	INTERFACE_TRANSACTION_ID

## RCV\_PARAMETERS

RCV\_PARAMETERS stores receiving options for each organization in which you want to be able to receive items. The table contains one row for each organization.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
RCV_ROUTING_HEADERS	ROUTING_HEADER_ID	RECEIVING_ROUTING_ID

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATED_LOGIN	NONE	NUMBER	Standard Who column
QTY_RCV_TOLERANCE	NONE	NUMBER	Receiving quantity tolerance
QTY_RCV_EXCEPTION_CODE	NONE	VARCHAR2(25)	Receiving quantity tolerance exception level
ENFORCE_SHIP_TO_LOCATION_CODE	NONE	VARCHAR2(25)	Ship-to location control exception level
ALLOW_EXPRESS_DELIVERY_FLAG	NONE	VARCHAR2(1)	Allow express delivery of items
DAYS_EARLY_RECEIPT_ALLOWED	NONE	NUMBER	Number of days allowed for an early receipt
DAYS_LATE_RECEIPT_ALLOWED	NONE	NUMBER	Number of days allowed for a late receipt
RECEIPT_DAYS_EXCEPTION_CODE	NONE	VARCHAR2(25)	Receipt days exception level
RECEIVING_ROUTING_ID	NONE	NUMBER	Routing header identifier
ALLOW_SUBSTITUTE_RECEIPTS_FLAG	NONE	VARCHAR2(1)	Allow receipt of substitute items
ALLOW_UNORDERED_RECEIPTS_FLAG	NONE	VARCHAR2(1)	Allow receipt of unordered items

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Column Descriptions (Continued)

Name	Null?	Type	Description
BLIND_RECEIVING_FLAG	NULL	VARCHAR2(1)	Use blind receiving
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
RECEIVING_ACCOUNT_ID	NULL	NUMBER	Receiving account identifier
ALLOW_CASCADE_TRANSACTIONS	NULL	VARCHAR2(1)	Allow cascade delivery of items
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality
RECEIPT_ASN_EXISTS_CODE	NULL	VARCHAR2(30)	This field holds the action to be taken when the user selects a purchase order shipment even though an Advance Shipment Notice (ASN) exists
USER_DEFINED_RECEIPT_NUM_CODE	NULL	VARCHAR2(25)	Code for receipt number generation - Manual or Automatic
MANUAL_RECEIPT_NUM_TYPE	NULL	VARCHAR2(25)	Type of numbers being generated for manual setting - Numeric or Alphanumeric
NEXT_RECEIPT_NUM	NULL	NUMBER	Number for the next receipt

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## Indexes

Index Name	Index Type	Sequence	Column Name
RCV_PARAMETERS_U1	UNIQUE	1	ORGANIZATION_ID

## RCV\_ROUTING\_HEADERS

RCV\_ROUTING\_HEADERS stores information about receiving routings.

### Column Descriptions

Name	Null?	Type	Description
ROUTING_HEADER_ID (PK)	NOT NULL	NUMBER	Receiving routing unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ROUTING_NAME	NOT NULL	VARCHAR2(30)	Receiving routing name
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Receiving routing description

### Indexes

Index Name	Index Type	Sequence	Column Name
RCV_ROUTING_HEADERS_U1	UNIQUE	1	ROUTING_HEADER_ID
RCV_ROUTING_HEADERS_U2	UNIQUE	1	ROUTING_NAME

### Sequences

Sequence	Derived Column
RCV_ROUTING_HEADERS_S	ROUTING_HEADER_ID



## RCV\_SERIALS\_INTERFACE

RCV\_SERIALS\_INTERFACE holds temporary serial number transaction records for a parent record in RCV\_TRANSACTIONS\_INTERFACE. Data in the RCV\_TRANSACTIONS\_INTERFACE table will eventually reside in RCV\_SERIAL\_TRANSACTIONS after they are processed by the transaction processor.

It is possible to have child records in this table without a parent record due to the automatic save feature in the Lot Entry and Serial Numbers forms. The receiving transaction processor deletes orphan rows during normal processing.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
RCV_LOTS_INTERFACE	LOT_NUM	LOT_NUM
RCV_TRANSACTIONS_INTERFACE	INTERFACE_TRANSACTION_ID	INTERFACE_TRANSACTION_ID

### Column Descriptions

Name	Null?	Type	Description
INTERFACE_TRANSACTION_ID	NOT NULL	NUMBER	Interface transaction unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column
REQUEST_ID	NNULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NNULL	NUMBER	Standard Who column
PROGRAM_ID	NNULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NNULL	DATE	Standard Who column
TRANSACTION_DATE	NOT NULL	DATE	Serial transaction date
FM_SERIAL_NUM	NOT NULL	VARCHAR2(30)	Start of serial number range
TO_SERIAL_NUM	NNULL	VARCHAR2(30)	End of serial number range
SERIAL_PREFIX	NNULL	VARCHAR2(30)	Total serial numbers entered
LOT_NUM	NNULL	VARCHAR2(30)	Lot number that serial numbers belong to
VENDOR_SERIAL_NUM	NNULL	VARCHAR2(30)	Not currently used
VENDOR_LOT_NUM	NNULL	VARCHAR2(30)	Not currently used
ITEM_ID	NNULL	NUMBER	Item that serial number is assigned to
ORGANIZATION_ID	NNULL	NUMBER	Organization that serial number is assigned to

### Indexes

Index Name	Index Type	Sequence	Column Name
RCV_SERIALS_INTERFACE_N1	NOT UNIQUE	1	INTERFACE_TRANSACTION_ID

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## RCV\_SHIPMENT\_HEADERS

RCV\_SHIPMENT\_HEADERS stores common information about the source of your receipts or expected receipts. You group your receipts by the source type and the source of the receipt. Oracle Purchasing does not allow you to group receipts from different sources under one receipt header.

There are two receipt source types, Supplier and Internal Order, that you need to use when receiving against different source document types. You use a receipt source type of 'Supplier' when receiving items that you ordered from an external supplier using a purchase order. When you receive items that are part of an inter-organization transfer, or when receiving items that you request from your inventory using an internal requisition, the receipt type would be 'Internal Order'. The 'Internal Order' receipt source type populates the ORGANIZATION\_ID column.

Oracle Purchasing creates a receipt header when you are entering your receipts or when you perform inter-organization transfers using Oracle Inventory. When Oracle Inventory creates a receipt header for an intransit shipment, the receipt number is not populated until you receive the shipment.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ORG_FREIGHT_TL	FREIGHT_CODE	FREIGHT_CARRIER_CODE
PO_VENDORS	VENDOR_ID	VENDOR_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	VENDOR_SITE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
RECEIPT_SOURCE_CODE	SHIPMENT SOURCE TYPE INTERNAL ORDER  INVENTORY VENDOR	PO_LOOKUP_CODES  In Transit Shipment backed by an Internal Requisition In Transit Shipment Shipment from Vendor

### Column Descriptions

Name	Null?	Type	Description
SHIPMENT_HEADER_ID (PK)	NOT NULL	NUMBER	Receipt header unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
RECEIPT_SOURCE_CODE	NOT NULL	VARCHAR2(25)	Source type of the shipment
VENDOR_ID	NULL	NUMBER	Source supplier unique identifier
VENDOR_SITE_ID	NULL	NUMBER	Source supplier site unique identifier
ORGANIZATION_ID	NULL	NUMBER	Source organization unique identifier
SHIPMENT_NUM	NULL	VARCHAR2(30)	Shipment number assigned by the shipment's source
RECEIPT_NUM	NULL	VARCHAR2(30)	Receipt number
SHIP_TO_LOCATION_ID	NULL	NUMBER	Ship-to location unique identifier
BILL_OF_LADING	NULL	VARCHAR2(25)	Bill of lading number
PACKING_SLIP	NULL	VARCHAR2(25)	Packing slip number
SHIPPED_DATE	NULL	DATE	Shipping date
FREIGHT_CARRIER_CODE	NULL	VARCHAR2(25)	Carrier responsible for shipping
EXPECTED_RECEIPT_DATE	NULL	DATE	Expected arrival date of the shipment
EMPLOYEE_ID	NULL	NUMBER(9)	Employee unique identifier
NUM_OF_CONTAINERS	NULL	NUMBER	Number of containers in the shipment
WAYBILL_AIRBILL_NUM	NULL	VARCHAR2(20)	Waybill or airbill number
COMMENTS	NULL	VARCHAR2(240)	Receiver's comments
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ASN_TYPE	NULL	VARCHAR2(25)	The document type: ASN, ASBN or Receive
EDI_CONTROL_NUM	NULL	VARCHAR2(10)	EDI transaction control number if data is imported via EDI
NOTICE_CREATION_DATE	NULL	DATE	EDI transaction create date/time at source if data is imported via EDI
GROSS_WEIGHT	NULL	NUMBER	Shipment gross weight from Advance Shipment Notice (ASN)

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Column Descriptions (Continued)

Name	Null?	Type	Description
GROSS_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	Shipment gross weight unit of measure from ASN
NET_WEIGHT	NULL	NUMBER	Shipment net weight from ASN
NET_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	Shipment net weight unit of measure from ASN
TAR_WEIGHT	NULL	NUMBER	Shipment tar (container) weight from ASN
TAR_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	Shipment tar (container) weight unit of measure from ASN
PACKAGING_CODE	NULL	VARCHAR2(5)	Shipment packaging code
CARRIER_METHOD	NULL	VARCHAR2(2)	Carrier transportation method code
CARRIER_EQUIPMENT	NULL	VARCHAR2(10)	Carrier equipment description method
CARRIER_EQUIPMENT_NUM	NULL	VARCHAR2(10)	Carrier equipment identification number
CARRIER_EQUIPMENT_ALPHA	NULL	VARCHAR2(10)	Carrier equipment identification initials
SPECIAL_HANDLING_CODE	NULL	VARCHAR2(3)	Special handling code
HAZARD_CODE	NULL	VARCHAR2(1)	Hazardous material qualifier code of the shipment
HAZARD_CLASS	NULL	VARCHAR2(4)	Hazardous material class of shipment
HAZARD_DESCRIPTION	NULL	VARCHAR2(80)	Hazardous material description
FREIGHT_TERMS	NULL	VARCHAR2(25)	Freight payment method (user defined, e.g. PREPAID, COLLECT)
FREIGHT_BILL_NUMBER	NULL	VARCHAR2(35)	Freight bill (PRO invoice) number
INVOICE_NUM	NULL	VARCHAR2(50)	EDI transaction 857 invoice number
INVOICE_DATE	NULL	DATE	EDI transaction 857 invoice date
INVOICE_AMOUNT	NULL	NUMBER	EDI transaction 857 invoice amount
TAX_NAME	NULL	VARCHAR2(15)	EDI transaction 857 tax name indicated at the header level
TAX_AMOUNT	NULL	NUMBER	EDI transaction 857 tax amount indicated at the header level
FREIGHT_AMOUNT	NULL	NUMBER	EDI transaction 857 freight bill amount
INVOICE_STATUS_CODE	NULL	VARCHAR2(25)	Eligibility status for automated Oracle Payables invoice creation
ASN_STATUS	NULL	VARCHAR2(10)	ASN shipment status
CURRENCY_CODE	NULL	VARCHAR2(15)	Code from purchase order currency code or PO_VENDOR_SITE.INVOICE_CURRENCY_CODE. Used for ASN with billing information (ASBN) only.
CONVERSION_RATE_TYPE	NULL	VARCHAR2(30)	Purchase order rate type. Used for ASBN only.
CONVERSION_RATE	NULL	VARCHAR2(30)	Purchase order rate. Used for ASBN only.
CONVERSION_DATE	NULL	DATE	Purchase order rate date. Used for ASBN only.
PAYMENT_TERMS_ID	NULL	NUMBER	EDI transaction 857 payment terms

## Column Descriptions (Continued)

Name	Null?	Type	Description
MRC_CONVERSION_RATE_TYPE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID. Used for ASBN only. Taken from purchase order rate type pairs.
MRC_CONVERSION_DATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID. Used for ASBN only. Taken from purchase order rate date pairs.
MRC_CONVERSION_RATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID. Used for ASBN only. Taken from purchase order rate pairs.
SHIP_TO_ORG_ID	NULL	NUMBER	Ship-to organization unique identifier
CUSTOMER_ID	NULL	NUMBER	Customer unique identifier
CUSTOMER_SITE_ID	NULL	NUMBER	Customer site unique identifier

## Indexes

Index Name	Index Type	Sequence	Column Name
RCV_SHIPMENT_HEADERS_N1	NOT UNIQUE	1	SHIP_TO_LOCATION_ID
RCV_SHIPMENT_HEADERS_N2	NOT UNIQUE	1	SHIPMENT_NUM
RCV_SHIPMENT_HEADERS_N3	NOT UNIQUE	1	VENDOR_ID
RCV_SHIPMENT_HEADERS_N4	NOT UNIQUE	1	VENDOR_SITE_ID
RCV_SHIPMENT_HEADERS_N5	NOT UNIQUE	1	RECEIPT_SOURCE_CODE
		2	SHIPMENT_NUM
RCV_SHIPMENT_HEADERS_N6	NOT UNIQUE	2	ORGANIZATION_ID
		3	RECEIPT_NUM
RCV_SHIPMENT_HEADERS_N7	NOT UNIQUE	1	EMPLOYEE_ID
RCV_SHIPMENT_HEADERS_N8	NOT UNIQUE	2	RECEIPT_NUM
		4	SHIP_TO_ORG_ID
RCV_SHIPMENT_HEADERS_U1	UNIQUE	1	SHIPMENT_HEADER_ID

## Sequences

Sequence	Derived Column
RCV_SHIPMENT_HEADERS_S	SHIPMENT_HEADER_ID

## Database Triggers

Trigger Name : RCV\_MRC\_SHIPMENT\_HEADERS\_BIUD  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT, UPDATE, DELETE

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

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## RCV\_SHIPMENT\_LINES

RCV\_SHIPMENT\_LINES stores information about items that have been shipped and/or received from a specific receipt source.

RCV\_SHIPMENT\_LINES also stores information about the default destination for intransit shipments.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CHARGE_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TRANSPORTATION_ACCOUNT_ID
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID	TO_ORGANIZATION_ID
	SECONDARY_INVENTORY_NAME	TO_SUBINVENTORY
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	PRIMARY_UNIT_OF_MEASURE
PO_DISTRIBUTIONS_ALL	PO_DISTRIBUTION_ID	PO_DISTRIBUTION_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_ID
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	PO_LINE_LOCATION_ID
PO_RELEASES_ALL	PO_RELEASE_ID	PO_RELEASE_ID
PO_REQUISITION_LINES_ALL	REQUISITION_LINE_ID	REQUISITION_LINE_ID
PO_REQ_DISTRIBUTIONS_ALL	DISTRIBUTION_ID	REQ_DISTRIBUTION_ID
RCV_ROUTING_HEADERS	ROUTING_HEADER_ID	ROUTING_HEADER_ID
RCV_SHIPMENT_HEADERS	SHIPMENT_HEADER_ID	SHIPMENT_HEADER_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DESTINATION_TYPE_CODE	DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Goods are expensed from the system upon delivery
	INVENTORY	Goods are received into inventory upon delivery
SOURCE_DOCUMENT_CODE	SHOP FLOOR	Goods are received into an outside operation upon delivery
	SHIPMENT SOURCE DOCUMENT TYPE	PO_LOOKUP_CODES
	INVENTORY	Inventory
	PO	PO
	REQ	Req

### Column Descriptions

Name	Null?	Type	Description
SHIPMENT_LINE_ID (PK)	NOT NULL	NUMBER	Shipment line unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
SHIPMENT_HEADER_ID	NOT NULL	NUMBER	Shipment header unique identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
LINE_NUM	NOT NULL	NUMBER	Shipment line number
CATEGORY_ID	NOT NULL	NUMBER	Item category unique identifier
QUANTITY_SHIPPED	NOT NULL	NUMBER	Number of items shipped
QUANTITY_RECEIVED		NUMBER	Number of items received
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(25)	Unit of measure of the shipment
ITEM_DESCRIPTION	NOT NULL	VARCHAR2(240)	Item description
ITEM_ID		NUMBER	Item identifier
ITEM_REVISION		VARCHAR2(3)	Item revision number
VENDOR_ITEM_NUM		VARCHAR2(25)	Supplier's item number
VENDOR_LOT_NUM		VARCHAR2(30)	Supplier's lot number
UOM_CONVERSION_RATE		NUMBER	Not currently used
SHIPMENT_LINE_STATUS_CODE		VARCHAR2(25)	Receipt status of the shipment line
SOURCE_DOCUMENT_CODE		VARCHAR2(25)	Source document type
PO_HEADER_ID		NUMBER	Purchase order header unique identifier
PO_RELEASE_ID		NUMBER	Purchase order release unique identifier
PO_LINE_ID		NUMBER	Purchase order line unique identifier
PO_LINE_LOCATION_ID		NUMBER	Purchase order shipment unique identifier
PO_DISTRIBUTION_ID		NUMBER	Purchase order distribution unique identifier
REQUISITION_LINE_ID		NUMBER	Requisition line unique identifier
REQ_DISTRIBUTION_ID		NUMBER	Requisition distribution unique identifier
ROUTING_HEADER_ID		NUMBER	Receiving routing unique identifier
PACKING_SLIP		VARCHAR2(25)	Packing slip number
FROM_ORGANIZATION_ID		NUMBER	Source organization unique identifier
DELIVER_TO_PERSON_ID		NUMBER(9)	Requestor unique identifier
EMPLOYEE_ID		NUMBER(9)	Receiver unique identifier
DESTINATION_TYPE_CODE		VARCHAR2(25)	Destination type for items
TO_ORGANIZATION_ID		NUMBER	Destination organization unique identifier
TO_SUBINVENTORY		VARCHAR2(10)	Default destination subinventory
LOCATOR_ID		NUMBER	Not currently used
DELIVER_TO_LOCATION_ID		NUMBER	Deliver-to location unique identifier
CHARGE_ACCOUNT_ID		NUMBER	Intransit charge account unique identifier
TRANSPORTATION_ACCOUNT_ID		NUMBER	Intransit transportation account unique identifier
SHIPMENT_UNIT_PRICE		NUMBER	Item unit price
TRANSFER_COST		NUMBER	Intransit transfer cost
TRANSPORTATION_COST		NUMBER	Intransit transportation cost
COMMENTS		VARCHAR2(240)	Receiver comments
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6		VARCHAR2(150)	Descriptive flexfield segment

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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
REASON_ID	NULL	NUMBER	Transaction reason unique identifier
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
DESTINATION_CONTEXT	NULL	VARCHAR2(30)	Destination descriptive flexfield context
PRIMARY_UNIT_OF_MEASURE	NOT NULL	VARCHAR2(25)	Primary unit of measure for the item
EXCESS_TRANSPORT_REASON	NULL	VARCHAR2(25)	Excess transportation reason code
EXCESS_TRANSPORT_RESPONSIBLE	NULL	VARCHAR2(25)	Excess transportation responsibility code
EXCESS_TRANSPORT_AUTH_NUM	NULL	VARCHAR2(30)	Excess transportation authorization number
ASN_LINE_FLAG	NULL	VARCHAR2(1)	Indicates whether item is on an Advance Shipment Notice (ASN). Used by missing ASN Items Processor to determine whether shipped items were received.
ORIGINAL_ASN_PARENT_LINE_ID	NULL	VARCHAR2(1)	Reference to original ASN Line
ORIGINAL_ASN_LINE_FLAG	NULL	VARCHAR2(1)	Original ASN line flag
VENDOR_CUM_SHIPPED_QUANTITY	NULL	NUMBER	Supplier's quantity shipped specified on the ASN - populated for parent lines only
NOTICE_UNIT_PRICE	NULL	NUMBER	EDI transaction 857 unit price of this item
TAX_NAME	NULL	VARCHAR2(15)	EDI transaction 857 tax name indicated at the detail level
TAX_AMOUNT	NULL	NUMBER	EDI transaction 857 tax amount indicated at the detail level
INVOICE_STATUS_CODE	NULL	VARCHAR2(25)	EDI transaction 857 status code to determine which line has been transferred to Oracle Payables
CUM_COMPARISON_FLAG	NULL	VARCHAR2(1)	Not used
CONTAINER_NUM	NULL	VARCHAR2(35)	Unique container identifier for the line
TRUCK_NUM	NULL	VARCHAR2(35)	Number of the truck
BAR_CODE_LABEL	NULL	VARCHAR2(35)	Label for the barcode
TRANSFER_PERCENTAGE	NULL	NUMBER	Transfer percentage for costing
SHIP_TO_LOCATION_ID	NULL	NUMBER	Unique identifier for the ship-to location
COUNTRY_OF_ORIGIN_CODE	NULL	VARCHAR2(2)	Code for the country of manufacture

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Column Descriptions (Continued)

Name	Null?	Type	Description
OE_ORDER_HEADER_ID	NULL	NUMBER	Sales order unique identifier
OE_ORDER_LINE_ID	NULL	NUMBER	Sales order line unique identifier
CUSTOMER_ITEM_NUM	NULL	VARCHAR2(50)	Customer's item number

Indexes

Index Name	Index Type	Sequence	Column Name
RCV_SHIPMENT_LINES_N1	NOT UNIQUE	1	ITEM_ID
RCV_SHIPMENT_LINES_N2	NOT UNIQUE	1	PO_HEADER_ID
RCV_SHIPMENT_LINES_N3	NOT UNIQUE	1	PO_LINE_ID
RCV_SHIPMENT_LINES_N4	NOT UNIQUE	1	PO_LINE_LOCATION_ID
RCV_SHIPMENT_LINES_N5	NOT UNIQUE	1	EMPLOYEE_ID
RCV_SHIPMENT_LINES_N6	NOT UNIQUE	1	DELIVER_TO_PERSON_ID
RCV_SHIPMENT_LINES_N7	NOT UNIQUE	1	CONTAINER_NUM
		2	TO_ORGANIZATION_ID
		3	SHIPMENT_HEADER_ID
RCV_SHIPMENT_LINES_U1	UNIQUE	1	SHIPMENT_LINE_ID
RCV_SHIPMENT_LINES_U2	UNIQUE	1	SHIPMENT_HEADER_ID
		2	LINE_NUM

Sequences

Sequence	Derived Column
RCV_SHIPMENT_LINES_S	SHIPMENT_LINE_ID

## 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

### Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_OPERATION_RESOURCES	WIP_ENTITY_ID	WIP_ENTITY_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	OPERATION_SEQ_NUM	WIP_OPERATION_SEQ_NUM
	RESOURCE_SEQ_NUM	WIP_RESOURCE_SEQ_NUM
	REPETITIVE_SCHEDULE_ID	WIP_REPETITIVE_SCHEDULE_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	WIP_REPETITIVE_SCHEDULE_ID
	ORGANIZATION_ID	ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DESTINATION_TYPE_CODE	RCV DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Expense
	INVENTORY	Inventory
	MULTIPLE	Multiple
	RECEIVING	Receiving
INSPECTION_STATUS_CODE	SHOP FLOOR	Shop Floor
	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 : RCV\_MRC\_TRANSACTIONS\_BIUD  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT, UPDATE, DELETE

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

Trigger Name : AX\_RCV\_TRANSACTIONS\_ARI1  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : UPDATE

NEW.transaction\_type IN ('CORRECT', 'RECEIVE', 'RETURN TO VENDOR') AND  
 NEW.source\_document\_code != 'INVENTORY' AND NEW.destination\_type\_code != 'INVENTORY'  
 AND NEW.destination\_type\_code != 'EXPENSE' This trigger captures accounting events  
 information for the Global Accounting Engine when Oracle Inventory and the set of books used  
 is defined as a subledger in the Global Accounting Engine application The information  
 is used to create Global Accounting Engine accounting events. This trigger may populate  
 the AX\_EVENTS table.

This trigger captures accounting events  
 related to Oracle Purchasing receiving transactions created by the transaction  
 processor. It executes when the transaction type is 'RECEIVE', 'CORRECT', or 'RETURN TO  
 VENDOR', and the source document code is not 'INVENTORY' and the destination type  
 code is not 'EXPENSE' or 'INVENTORY'. Purpose: Capture  
 accounting events related to a PO receiving transaction when it is created

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## RCV\_TRANSACTIONS\_INTERFACE

RCV\_TRANSACTIONS\_INTERFACE stores information about receiving transactions that are waiting to be processed by the receiving transaction processor or were rejected due to an error when the transaction processor attempted to process the transaction.

When the receiving transaction processor successfully processes a transaction, it deletes the transaction from this table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	BOM_RESOURCE_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CHARGE_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TRANSPORTATION_ACCOUNT_ID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	CURRENCY_CONVERSION_TYPE
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID	LOCATOR_ID
	ORGANIZATION_ID	TO_ORGANIZATION_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	INV_TRANSACTION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	SUBINVENTORY
	ORGANIZATION_ID	TO_ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	PRIMARY_UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	SOURCE_DOC_UNIT_OF_MEASURE
ORG_DEPARTMENTS	DEPARTMENT_CODE	DEPARTMENT_CODE
	ORGANIZATION_ID	TO_ORGANIZATION_ID
ORG_FREIGHT_TL	FREIGHT_CODE	FREIGHT_CARRIER_CODE
	ORGANIZATION_ID	FROM_ORGANIZATION_ID
PO_DISTRIBUTIONS_ALL	PO_DISTRIBUTION_ID	PO_DISTRIBUTION_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_ID
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	PO_LINE_LOCATION_ID
PO_QUALITY_CODES	CODE	INSPECTION_QUALITY_CODE
PO_RELEASES_ALL	PO_RELEASE_ID	PO_RELEASE_ID
PO_REQUISITION_LINES_ALL	REQUISITION_LINE_ID	REQUISITION_LINE_ID
PO_REQ_DISTRIBUTIONS_ALL	DISTRIBUTION_ID	REQ_DISTRIBUTION_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	VENDOR_SITE_ID
RCV_ROUTING_HEADERS	ROUTING_HEADER_ID	ROUTING_HEADER_ID
RCV_ROUTING_STEPS	ROUTING_STEP_ID	ROUTING_STEP_ID
RCV_SHIPMENT_HEADERS	SHIPMENT_HEADER_ID	SHIPMENT_HEADER_ID
RCV_SHIPMENT_LINES	SHIPMENT_LINE_ID	SHIPMENT_LINE_ID
RCV_TRANSACTIONS	TRANSACTION_ID	PARENT_TRANSACTION_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
	ORGANIZATION_ID	TO_ORGANIZATION_ID
WIP_LINES	LINE_ID	WIP_LINE_ID
	ORGANIZATION_ID	TO_ORGANIZATION_ID
WIP_OPERATIONS	OPERATION_SEQ_NUM	WIP_OPERATION_SEQ_NUM
	WIP_ENTITY_ID	WIP_ENTITY_ID
	ORGANIZATION_ID	TO_ORGANIZATION_ID
	REPETITIVE_SCHEDULE_ID	WIP_REPETITIVE_SCHEDULE_ID



### Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_OPERATION_RESOURCES	WIP_ENTITY_ID ORGANIZATION_ID OPERATION_SEQ_NUM RESOURCE_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID TO_ORGANIZATION_ID WIP_OPERATION_SEQ_NUM WIP_RESOURCE_SEQ_NUM WIP_REPETITIVE_SCHEDULE_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID ORGANIZATION_ID	WIP_REPETITIVE_SCHEDULE_ID TO_ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTO_TRANSACT_CODE	AUTO TRANSACT CODE DELIVER RECEIVE SHIP	PO_LOOKUP_CODES Create a shipment line ,a receipt and deliver an item Create a shipment line and a receipt for an item Create a shipment line for an item
DESTINATION_TYPE_CODE	RCV DESTINATION TYPE EXPENSE INVENTORY MULTIPLE RECEIVING SHOP FLOOR	PO_LOOKUP_CODES Expense Inventory Multiple Receiving Shop Floor
INSPECTION_STATUS_CODE	INSPECTION STATUS ACCEPTED NOT INSPECTED REJECTED	PO_LOOKUP_CODES Accepted Not Inspected Rejected
PROCESSING_MODE_CODE	RCV PROCESSING MODE BATCH IMMEDIATE ONLINE	PO_LOOKUP_CODES Batch processing mode Immediate processing mode On-line processing mode
PROCESSING_STATUS_CODE	PROCESSING STATUS COMPLETED PENDING RUNNING	PO_LOOKUP_CODES Transaction has been processed Transaction is pending Transaction is currently being processed
RECEIPT_SOURCE_CODE	SHIPMENT SOURCE TYPE INTERNAL ORDER INVENTORY VENDOR	PO_LOOKUP_CODES In Transit Shipment backed by an Internal Requisition In Transit Shipment Shipment from Vendor
SOURCE_DOCUMENT_CODE	SHIPMENT SOURCE DOCUMENT TYPE INVENTORY PO REQ	PO_LOOKUP_CODES Inventory PO Req
TRANSACTION_STATUS_CODE	TRANSACTION STATUS COMPLETED ERROR PENDING	PO_LOOKUP_CODES Transaction has been successfully processed An Error occurred during the processing of the transaction Transaction is waiting to be processed

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
TRANSACTION_TYPE	RCV TRANSACTION TYPE	PO_LOOKUP_CODES
	ACCEPT	Accept items following an inspection
	CORRECT	Correct a previous transaction entry
	DELIVER	Deliver a shipment of items to the requestor
	MATCH	Match unordered items to a purchase order
	RECEIVE	Receive a shipment of items
	REJECT	Reject items following an inspection
	RETURN TO RECEIVING	Return delivered items to receiving
	RETURN TO VENDOR	Return Items to the supplier
	SHIP	Intransit shipment or internal order
	TRANSFER	Transfer items between receiving locations
	UNORDERED	Receive items without matching to a source document

Column Descriptions

Name	Null?	Type	Description
INTERFACE_TRANSACTION_ID (PK)	NOT NULL	NUMBER	Interface transaction unique identifier
GROUP_ID	NULL	NUMBER	Interface processing group identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
TRANSACTION_TYPE	NOT NULL	VARCHAR2(25)	Receiving transaction type
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
PROCESSING_STATUS_CODE	NOT NULL	VARCHAR2(25)	Processing status of the interface row
PROCESSING_MODE_CODE	NOT NULL	VARCHAR2(25)	Processing mode to be used when the interface row is processed
PROCESSING_REQUEST_ID	NULL	NUMBER	Identifier of the concurrent request that is processing the interface row. Set by the Receiving Transaction Processor
TRANSACTION_STATUS_CODE	NOT NULL	VARCHAR2(25)	Transaction status of the interface row
CATEGORY_ID	NULL	NUMBER	Item category unique identifier
QUANTITY	NOT NULL	NUMBER	Transaction quantity
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(25)	Transaction unit of measure
INTERFACE_SOURCE_CODE	NULL	VARCHAR2(30)	Source of the interface row
INTERFACE_SOURCE_LINE_ID	NULL	NUMBER	Source line identifier of the interface row
INV_TRANSACTION_ID	NULL	NUMBER	Inventory transaction unique identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
ITEM_ID	NULL	NUMBER	Item unique identifier
ITEM_DESCRIPTION	NULL	VARCHAR2(240)	Item description
ITEM_REVISION	NULL	VARCHAR2(3)	Item revision number
UOM_CODE	NULL	VARCHAR2(3)	Transaction unit of measure code
EMPLOYEE_ID	NULL	NUMBER(9)	Receiver unique identifier
AUTO_TRANSACT_CODE	NULL	VARCHAR2(25)	Automatic transaction creation code
SHIPMENT_HEADER_ID	NULL	NUMBER	Receipt shipment header unique identifier
SHIPMENT_LINE_ID	NULL	NUMBER	Receipt shipment line unique identifier
SHIP_TO_LOCATION_ID	NULL	NUMBER	Ship-to location unique identifier
PRIMARY_QUANTITY	NULL	NUMBER	Transaction quantity in terms of the item's primary unit of measure
PRIMARY_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Primary unit of measure of the item
RECEIPT_SOURCE_CODE	NULL	VARCHAR2(25)	Source of the receipt
VENDOR_ID	NULL	NUMBER	Supplier unique identifier
VENDOR_SITE_ID	NULL	NUMBER	Supplier site unique identifier
FROM_ORGANIZATION_ID	NULL	NUMBER	Source organization unique identifier
FROM_SUBINVENTORY	NULL	VARCHAR2(10)	Source subinventory name
TO_ORGANIZATION_ID	NULL	NUMBER	Destination organization unique identifier
INTRANSIT_OWNING_ORG_ID	NULL	NUMBER	Organization that owns the items while they are in transit
ROUTING_HEADER_ID	NULL	NUMBER	Receiving routing unique identifier
ROUTING_STEP_ID	NULL	NUMBER	Not currently used
SOURCE_DOCUMENT_CODE	NULL	VARCHAR2(25)	Source document type
PARENT_TRANSACTION_ID	NULL	NUMBER	Parent receiving transaction unique identifier
PO_HEADER_ID	NULL	NUMBER	Purchase order header unique identifier
PO_REVISION_NUM	NULL	NUMBER	Purchase order revision number
PO_RELEASE_ID	NULL	NUMBER	Purchase order Release unique identifier
PO_LINE_ID	NULL	NUMBER	Purchase order line unique identifier
PO_LINE_LOCATION_ID	NULL	NUMBER	Purchase order shipment unique identifier
PO_UNIT_PRICE	NULL	NUMBER	Unit price at time of receipt
CURRENCY_CODE	NULL	VARCHAR2(15)	Source document currency code
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency conversion type
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency conversion date
PO_DISTRIBUTION_ID	NULL	NUMBER	Purchase order distribution unique identifier
REQUISITION_LINE_ID	NULL	NUMBER	Requisition line unique identifier
REQ_DISTRIBUTION_ID	NULL	NUMBER	Requisition distribution unique identifier
CHARGE_ACCOUNT_ID	NULL	NUMBER	Charge account identifier
SUBSTITUTE_UNORDERED_CODE	NULL	VARCHAR2(25)	Substitute or unordered receipt indicator
RECEIPT_EXCEPTION_FLAG	NULL	VARCHAR2(1)	Receipt exception indicator

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Column Descriptions (Continued)

Name	Null?	Type	Description
ACCRUAL_STATUS_CODE	NULL	VARCHAR2(25)	Accrual status of the items
INSPECTION_STATUS_CODE	NULL	VARCHAR2(25)	Quality inspection status
INSPECTION_QUALITY_CODE	NULL	VARCHAR2(25)	Quality inspection result code
DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	Destination type
DELIVER_TO_PERSON_ID	NULL	NUMBER	Requestor unique identifier
LOCATION_ID	NULL	NUMBER	Receiving location unique identifier
DELIVER_TO_LOCATION_ID	NULL	NUMBER	Deliver-to location unique identifier
SUBINVENTORY	NULL	VARCHAR2(10)	Destination subinventory name
LOCATOR_ID	NULL	NUMBER	Destination locator unique identifier
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
WIP_LINE_ID	NULL	NUMBER	WIP line identifier
DEPARTMENT_CODE	NULL	VARCHAR2(10)	WIP department name
WIP_REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier
WIP_OPERATION_SEQ_NUM	NULL	NUMBER	WIP operation sequence number within a routing
WIP_RESOURCE_SEQ_NUM	NULL	NUMBER	WIP resource sequence number
BOM_RESOURCE_ID	NULL	NUMBER	BOM resource unique identifier
SHIPMENT_NUM	NULL	VARCHAR2(30)	Supplier or source organization shipment number
FREIGHT_CARRIER_CODE	NULL	VARCHAR2(25)	Freight carrier used to ship items
BILL_OF_LADING	NULL	VARCHAR2(25)	Bill of lading number
PACKING_SLIP	NULL	VARCHAR2(25)	Packing slip number
SHIPPED_DATE	NULL	DATE	Date of shipping
EXPECTED_RECEIPT_DATE	NULL	DATE	Expected arrival date
ACTUAL_COST	NULL	NUMBER	Actual cost
TRANSFER_COST	NULL	NUMBER	Cost of transferring items between organizations
TRANSPORTATION_COST	NULL	NUMBER	Cost of shipping items between organizations
TRANSPORTATION_ACCOUNT_ID	NULL	NUMBER	Account to be charged for transportation costs
NUM_OF_CONTAINERS	NULL	NUMBER	Number of containers in the shipment
WAYBILL_AIRBILL_NUM	NULL	VARCHAR2(20)	Waybill or airbill number
VENDOR_ITEM_NUM	NULL	VARCHAR2(25)	Supplier's item number
VENDOR_LOT_NUM	NULL	VARCHAR2(30)	Supplier's lot number
RMA_REFERENCE	NULL	VARCHAR2(30)	RMA reference number for return-to-supplier items
COMMENTS	NULL	VARCHAR2(240)	Receiver comments
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment

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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
SHIP_HEAD_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE1	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE2	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE3	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE4	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE5	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE6	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE7	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE8	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE9	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE10	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE11	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE12	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE13	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE14	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE15	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE1	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE2	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE3	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE4	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE5	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE6	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE7	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE8	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE9	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE10	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE11	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column

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Column Descriptions (Continued)

Name	Null?	Type	Description
SHIP_LINE_ATTRIBUTE12	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE13	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE14	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE15	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REASON_ID	NULL	NUMBER	Transaction reason unique identifier
DESTINATION_CONTEXT	NULL	VARCHAR2(30)	Destination descriptive flexfield context
SOURCE_DOC_QUANTITY	NULL	NUMBER	Transaction quantity in terms of the source document's unit of measure
SOURCE_DOC_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Source document's unit of measure
MOVEMENT_ID	NULL	NUMBER	Movement identifier
HEADER_INTERFACE_ID	NULL	NUMBER	Interface header unique identifier if it exists
VENDOR_CUM_SHIPPED_QTY	NULL	NUMBER	Supplier's CUM quantity shipped specified on the Advance Shipment Notice (ASN)
ITEM_NUM	NULL	VARCHAR2(81)	Buyer's item number specified on the ASN
DOCUMENT_NUM	NULL	VARCHAR2(30)	Purchase order number specified on the ASN
DOCUMENT_LINE_NUM	NULL	NUMBER	Purchase order line number specified on the ASN
TRUCK_NUM	NULL	VARCHAR2(35)	Truck number
SHIP_TO_LOCATION_CODE	NULL	VARCHAR2(35)	Ship-to location specified at the item level on the ASN
CONTAINER_NUM	NULL	VARCHAR2(35)	Container number
SUBSTITUTE_ITEM_NUM	NULL	VARCHAR2(81)	Buyer's substitute item number specified on ASN
NOTICE_UNIT_PRICE	NULL	NUMBER	EDI transaction 857 unit price
ITEM_CATEGORY	NULL	VARCHAR2(81)	Item category code - key flexfield all segments
LOCATION_CODE	NULL	VARCHAR2(20)	Ship-to/receiving location
VENDOR_NAME	NULL	VARCHAR2(80)	Supplier name
VENDOR_NUM	NULL	VARCHAR2(30)	Supplier number
VENDOR_SITE_CODE	NULL	VARCHAR2(15)	Supplier site code
FROM_ORGANIZATION_CODE	NULL	VARCHAR2(3)	From organization code for inter-organization transfers
TO_ORGANIZATION_CODE	NULL	VARCHAR2(3)	Ship-to organization code
INTRANSIT_OWNING_ORG_CODE	NULL	VARCHAR2(3)	In-transit owning organization code for inter-organization transfers
ROUTING_CODE	NULL	VARCHAR2(30)	Receiving routing name
ROUTING_STEP	NULL	VARCHAR2(30)	Upgrade step unique identifier
RELEASE_NUM	NULL	NUMBER	Release number
DOCUMENT_SHIPMENT_LINE_NUM	NULL	NUMBER	Document shipment line number
DOCUMENT_DISTRIBUTION_NUM	NULL	NUMBER	Document distribution number
DELIVER_TO_PERSON_NAME	NULL	VARCHAR2(240)	Employee full name
DELIVER_TO_LOCATION_CODE	NULL	VARCHAR2(20)	Deliver-to location code

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Column Descriptions (Continued)

Name	Null?	Type	Description
USE_MTL_LOT	NULL	NUMBER	Flag used in lot processing
USE_MTL_SERIAL	NULL	NUMBER	Flag used in serial processing
LOCATOR	NULL	VARCHAR2(81)	Stock locator description
REASON_NAME	NULL	VARCHAR2(30)	Transaction reason name
VALIDATION_FLAG	NULL	VARCHAR2(1)	Marked after open interface validation
SUBSTITUTE_ITEM_ID	NULL	NUMBER	Buyer's substitute item unique identifier
QUANTITY_SHIPPED	NULL	NUMBER	Shipped Quantity
QUANTITY_INVOICED	NULL	NUMBER	Invoiced quantity
TAX_NAME	NULL	VARCHAR2(15)	EDI transaction 857 tax name
TAX_AMOUNT	NULL	NUMBER	EDI transaction 857 tax amount
REQ_NUM	NULL	VARCHAR2(25)	Requisition number
REQ_LINE_NUM	NULL	NUMBER	For the REQ_LINE_ID on ASNs
REQ_DISTRIBUTION_NUM	NULL	NUMBER	For the REQ_DISTRIBUTION_ID on ASNs
WIP_ENTITY_NAME	NULL	VARCHAR2(24)	For the WIP_ENTITY_ID on ASNs
WIP_LINE_CODE	NULL	VARCHAR2(10)	For the WIP_LINE_ID on ASNs
RESOURCE_CODE	NULL	VARCHAR2(30)	For the REASON_ID on ASNs
SHIPMENT_LINE_STATUS_CODE	NULL	VARCHAR2(25)	Status code for shipment line
BARCODE_LABEL	NULL	VARCHAR2(35)	Barcoded detail label serial number if indicated on ASN for inner packaging of this item; to be matched for barcode-scanned receipts updating
TRANSFER_PERCENTAGE	NULL	NUMBER	Transfer percentage for costing
QA_COLLECTION_ID	NULL	NUMBER	Primary key for Oracle Quality results
COUNTRY_OF_ORIGIN_CODE	NULL	VARCHAR2(2)	Code for the country of manufacture
OE_ORDER_HEADER_ID	NULL	NUMBER	Sales order unique identifier
OE_ORDER_LINE_ID	NULL	NUMBER	Sales order line unique identifier
CUSTOMER_ID	NULL	NUMBER	Customer unique identifier
CUSTOMER_SITE_ID	NULL	NUMBER	Customer unique identifier
CUSTOMER_ITEM_NUM	NULL	VARCHAR2(50)	Customer's item number
CREATE_DEBIT_MEMO_FLAG	NULL	VARCHAR2(1)	
PUT_AWAY_RULE_ID	NULL	NUMBER	Inserted for WMS functionality
PUT_AWAY_STRATEGY_ID	NULL	NUMBER	Part of WMS enhancement
LPN_ID	NULL	NUMBER	License plate number Id (for WMS use)
TRANSFER_LPN_ID	NULL	NUMBER	Transfer license plate number ID
COST_GROUP_ID	NULL	NUMBER	Cost Group for WMS
MOBILE_TXN	NULL	VARCHAR2(2)	Y/N for a row created through Mobile form (WMS)
MMTT_TEMP_ID	NULL	NUMBER	Reference to original inventory transaction for WMS

Indexes

Index Name	Index Type	Sequence	Column Name
RCV_TRANSACTIONS_INTERFACE_N1	NOT UNIQUE	1	GROUP_ID
RCV_TRANSACTIONS_INTERFACE_N2	NOT UNIQUE	1	PARENT_TRANSACTION_ID
RCV_TRANSACTIONS_INTERFACE_N3	NOT UNIQUE	1	EMPLOYEE_ID
RCV_TRANSACTIONS_INTERFACE_N4	NOT UNIQUE	1	DELIVER_TO_PERSON_ID
RCV_TRANSACTIONS_INTERFACE_N5	NOT UNIQUE	1	PO_LINE_LOCATION_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
RCV_TRANSACTIONS_INTERFACE_U1	UNIQUE	1	INTERFACE_TRANSACTION_ID

Sequences

Sequence	Derived Column
RCV_TRANSACTIONS_INTERFACE_S	INTERFACE_TRANSACTION_ID
RCV_INTERFACE_GROUPS_S	GROUP_ID



## 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

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)*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
WIP_COST_TXN_INTERFACE_N3	NOT UNIQUE	2	PRIMARY_ITEM_ID
		4	ORGANIZATION_ID

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
WIP_TRANSACTIONS_S	TRANSACTION_ID
WIP_TRANSACTIONS_S	GROUP_ID

## 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	COMPLETION_LOCATOR_ID
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_ITEM_REVISIONS	INVENTORY_ITEM_ID	PRIMARY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	REVISION	BOM_REVISION
MTL_ITEM_SUB_INVENTORIES	INVENTORY_ITEM_ID	PRIMARY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SECONDARY_INVENTORY	COMPLETION_SUBINVENTORY
MTL_KANBAN_CARDS	KANBAN_CARD_ID	KANBAN_CARD_ID
MTL_RTG_ITEM_REVISIONS	INVENTORY_ITEM_ID	PRIMARY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	PROCESS_REVISION	ROUTING_REVISION
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	COMPLETION_SUBINVENTORY
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_LOCATORS	INVENTORY_ITEM_ID	PRIMARY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SECONDARY_LOCATOR	COMPLETION_LOCATOR_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	PRIMARY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	BOM_REFERENCE_ID
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ROUTING_REFERENCE_ID
	ORGANIZATION_ID	ORGANIZATION_ID
PJM_UNIT_NUMBERS	UNIT_NUMBER	END_ITEM_UNIT_NUMBER
WIP_ACCOUNTING_CLASSES	CLASS_CODE	CLASS_CODE
	ORGANIZATION_ID	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
WIP_SUPPLY_TYPE	8	Pending Bill Load
	9	Failed Bill Load
	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		NUMBER	Standard Who column
REQUEST_ID		NUMBER	Enhanced Who column
PROGRAM_APPLICATION_ID		NUMBER	Enhanced Who column
PROGRAM_ID		NUMBER	Enhanced Who column
PROGRAM_UPDATE_DATE		DATE	Enhanced Who column
SOURCE_LINE_ID		NUMBER	Identifier of the source system that generated the job record
SOURCE_CODE		VARCHAR2(30)	Code of the process that generated the job record(null if created by Oracle Work In Process)
DESCRIPTION		VARCHAR2(240)	Descriptive text
STATUS_TYPE	NOT NULL	NUMBER	Status of job
PRIMARY_ITEM_ID		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
EST_SCRAP_ACCOUNT	NULL	NUMBER	Estimated Scrap account
EST_SCRAP_VAR_ACCOUNT	NULL	NUMBER	Estimated Scrap variance account
EST_SCRAP_PRIOR_QTY	NULL	NUMBER	Estimated quantity completed for calculation of operation yield
DUE_DATE_PENALTY	NULL	NUMBER	Penalty incurred if job is late (in days)
DUE_DATE_TOLERANCE	NULL	NUMBER	Number of days a job can be late
COPRODUCTS_SUPPLY	NULL	NUMBER	Flag indicating if this job forms supply for co-products also

## Indexes

Index Name	Index Type	Sequence	Column Name
WIP_DISCRETE_JOBS_N1	NOT UNIQUE	1	PRIMARY_ITEM_ID
WIP_DISCRETE_JOBS_N2	NOT UNIQUE	2	BOM_REFERENCE_ID
		4	ORGANIZATION_ID
WIP_DISCRETE_JOBS_N3	NOT UNIQUE	2	ROUTING_REFERENCE_ID
		4	ORGANIZATION_ID
WIP_DISCRETE_JOBS_N4	NOT UNIQUE	1	CLASS_CODE
		2	ORGANIZATION_ID
		3	ATTRIBUTE1
		4	ATTRIBUTE2
WIP_DISCRETE_JOBS_N5	NOT UNIQUE	1	FIRM_PLANNED_FLAG
		2	STATUS_TYPE
WIP_DISCRETE_JOBS_N6	NOT UNIQUE	2	SCHEDULE_GROUP_ID
		4	BUILD_SEQUENCE
WIP_DISCRETE_JOBS_N7	NOT UNIQUE	1	STATUS_TYPE
		4	ORGANIZATION_ID
		5	SCHEDULED_START_DATE
		6	ATTRIBUTE1
		8	ATTRIBUTE2
WIP_DISCRETE_JOBS_N8	NOT UNIQUE	10	ATTRIBUTE3
		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

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.

## WIP\_ENTITIES

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

### Foreign Keys

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

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	Job or schedule Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
REQUEST_ID		NUMBER	Enhanced Who column
PROGRAM_APPLICATION_ID		NUMBER	Enhanced Who column
PROGRAM_ID		NUMBER	Enhanced Who column
PROGRAM_UPDATE_DATE		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		VARCHAR2(240)	Description of the discrete job or repetitive assembly
PRIMARY_ITEM_ID		NUMBER	Inventory item Identifier for the assembly the job or schedule creates

### Indexes

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

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
WIP_ENTITIES_S	WIP_ENTITY_ID

## 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

## 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



#### Column Descriptions (Continued)

Name	Null?	Type	Description
CURRENT_LINE_OPERATION	NULL	NUMBER	The line operation where the assembly is in production
SYNCH_SCHEDULE_NUM	NULL	VARCHAR2(30)	
SYNCH_OPERATION_SEQ_NUM	NULL	NUMBER	
ROLL_FORWARDED_FLAG	NULL	NUMBER	

#### Indexes

Index Name	Index Type	Sequence	Column Name
WIP_FLOW_SCHEDULES_N1	NOT UNIQUE	1	PRIMARY_ITEM_ID
		2	LINE_ID
		3	SCHEDULE_GROUP_ID
		4	BUILD_SEQUENCE
WIP_FLOW_SCHEDULES_N2	NOT UNIQUE	2	LINE_ID
		4	SCHEDULE_GROUP_ID
		6	PRIMARY_ITEM_ID
		8	BUILD_SEQUENCE
WIP_FLOW_SCHEDULES_U1	UNIQUE	1	WIP_ENTITY_ID
		2	ORGANIZATION_ID
WIP_FLOW_SCHEDULES_U2	UNIQUE	1	SCHEDULE_NUMBER
		3	ORGANIZATION_ID

#### Database Triggers

Trigger Name : WIP\_FLOW\_SCHEDULES\_BRI  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT

WIP\_FLOW\_SCHEDULES\_BRI inserts a corresponding row in WIP\_ENTITIES.

Trigger Name : WIP\_FLOW\_SCHEDULES\_ARD  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : DELETE

WIP\_FLOW\_SCHEDULES\_ARD deletes a corresponding row in WIP\_ENTITIES.

## 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_SCHD_TYPE	MFG_LOOKUPS
	1	Fixed
	2	Routing-based

### Column Descriptions

Name	Null?	Type	Description
LINE_ID (PK)	NOT NULL	NUMBER	WIP line Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
LINE_CODE	NOT NULL	VARCHAR2(10)	Line name
DESCRIPTION	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

## 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	ACCT_PERIOD_ID
	ORGANIZATION_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		NUMBER	Standard Who column
REQUEST_ID		NUMBER	Enhanced Who column
PROGRAM_APPLICATION_ID		NUMBER	Enhanced Who column
PROGRAM_ID		NUMBER	Enhanced Who column
PROGRAM_UPDATE_DATE		DATE	Enhanced Who column
GROUP_ID	NOT NULL	NUMBER	Transaction group Identifier
SOURCE_CODE		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		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		NUMBER	WIP line Identifier
PRIMARY_ITEM_ID		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
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	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

## 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 1 2 3 4	MFG_LOOKUPS Discrete job Repetitive assembly Closed discrete job Flow schedule
PROCESS_PHASE	WIP_MOVE_PROCESS_PHASE 1 2 3	MFG_LOOKUPS Move validation Move processing Backflush setup
PROCESS_STATUS	WIP_PROCESS_STATUS 1 2 3 4 5	MFG_LOOKUPS Pending Running Error Complete Warning
TRANSACTION_TYPE	WIP_MOVE_TRANSACTION_TYPE 1	MFG_LOOKUPS 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

## WIP\_OPERATIONS

WIP\_OPERATIONS stores information about job and repetitive schedule operations. Each row represents a specific operation and includes an operation sequence number, which orders the operations for the job or repetitive schedule. Each row also includes the assembly quantity completed at an operation, the quantity at each intraoperation step, the department associated with an operation, the scheduled start and completion dates for an operation, the operation's countpoint and backflush types and other operation attributes. In general, Oracle Work in Process uses this information to control and monitor assembly production on the shop floor.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_OPERATION_SEQUENCES	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
BOM_STANDARD_OPERATIONS	STANDARD_OPERATION_ID	STANDARD_OPERATION_ID
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_OPERATIONS	WIP_ENTITY_ID	WIP_ENTITY_ID
	OPERATION_SEQ_NUM	PREVIOUS_OPERATION_SEQ_NUM
	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID
WIP_OPERATIONS	WIP_ENTITY_ID	WIP_ENTITY_ID
	OPERATION_SEQ_NUM	NEXT_OPERATION_SEQ_NUM
	REPETITIVE_SCHEDULE_ID	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
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
WF_ITEMTYPE	NULL	VARCHAR2(8)	Workflow Item Type
WF_ITEMKEY	NULL	VARCHAR2(240)	Workflow Item Key
OPERATION_YIELD	NULL	NUMBER	Operation yield for an operation

*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
OPERATION_YIELD_ENABLED	NULL	NUMBER	Indicates whether operation yield is to be considered by the cost processor
PRE_SPLIT_QUANTITY	NULL	NUMBER	Start Quantity of Parent job in case of split transaction

*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
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*

<u>Sequence</u>	<u>Derived Column</u>
WIP_WORKFLOW_S	WF_ITEMKEY

## 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
SCHEDULED_FLAG	6	Activity
	BOM_RESOURCE_SCHEDULE_TYPE	MFG_LOOKUPS
	1	Yes
	2	No
	3	Prior
STANDARD_RATE_FLAG	4	Next
	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	NULL	NUMBER	Department of this resource, if different from that of parent operation
PHANTOM_FLAG	NULL	NUMBER	Indicates whether or not this is a phantom routing resource (1 for yes, 2 for no)
PHANTOM_OP_SEQ_NUM	NULL	NUMBER	Operation sequence number, if part of a phantom routing
PHANTOM_ITEM_ID	NULL	NUMBER	Item, if part of a phantom routing
SCHEDULE_SEQ_NUM	NULL	NUMBER	schedule sequence number
SUBSTITUTE_GROUP_NUM	NULL	NUMBER	substitution group number
REPLACEMENT_GROUP_NUM	NULL	NUMBER	replacement group number
PRINCIPLE_FLAG	NULL	NUMBER	principle flag, for aps
SETUP_ID	NULL	NUMBER	
PARENT_RESOURCE_SEQ	NULL	NUMBER	

## Indexes

Index Name	Index Type	Sequence	Column Name
WIP_OPERATION_RESOURCES_N1	NOT UNIQUE	1	REPETITIVE_SCHEDULE_ID
		2	ORGANIZATION_ID
		3	OPERATION_SEQ_NUM
WIP_OPERATION_RESOURCES_N2	NOT UNIQUE	1	RESOURCE_ID
WIP_OPERATION_RESOURCES_U1	UNIQUE	1	WIP_ENTITY_ID
		2	OPERATION_SEQ_NUM
		3	RESOURCE_SEQ_NUM
		4	ORGANIZATION_ID
		5	REPETITIVE_SCHEDULE_ID



## 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
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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

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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
DEFAULT_SCRAP_ACCOUNT_ID	NULL	NUMBER	The scrap account id for mobile scrap transactions
SIMULATION_SET	NULL	VARCHAR2(10)	Simulation set used when scheduling
OPTIMIZATION	NULL	NUMBER	The optimization used in constraint scheduling
DUE_DATE_PENALTY	NULL	NUMBER	Penalty incurred if job is late (in days)
DUE_DATE_TOLERANCE	NULL	NUMBER	Number of days a job can be late
MAXIMUM_PENALTY	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_PARAMETERS_U1	UNIQUE	1	ORGANIZATION_ID

## 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
TL_SCRAP_IN	NULL	NUMBER	This level scrap in, applicable only for WSM entities
TL_SCRAP_OUT	NULL	NUMBER	This level scrap out, applicable only for WSM entities

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*Column Descriptions (Continued)*

Name	Null?	Type	Description
TL_SCRAP_VAR	NULL	NUMBER	This level scrap variance, applicable only for WSM entities

*Indexes*

Index Name	Index Type	Sequence	Column Name
WIP_PERIOD_BALANCES_N1	NOT UNIQUE	1	WIP_ENTITY_ID
		2	ACCT_PERIOD_ID
WIP_PERIOD_BALANCES_U1	UNIQUE	1	ACCT_PERIOD_ID
		2	ORGANIZATION_ID
		3	WIP_ENTITY_ID
		4	REPETITIVE_SCHEDULE_ID

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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

## 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 1 2	MFG_LOOKUPS Yes No
STATUS_TYPE	WIP_JOB_STATUS 1 10 11 12 13 14 15 3 4 5 6 7 8 9	MFG_LOOKUPS Unreleased Pending Routing Load Failed Routing Load Closed Pending - Mass Loaded Pending Close Failed Close Released Complete Complete - No Charges On Hold Cancelled Pending Bill Load 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

# 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

## 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



## 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

## 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

## 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
BASIS_TYPE	4	PO move
	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
TRANSACTION_TYPE	5	Total Value
	6	Activity
	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*

<u>Sequence</u>	<u>Derived Column</u>
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.



## 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 uncostered). 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
BASIS_TYPE	9	Inter-org payables
	99	Unknown
	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		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		NUMBER	WIP repetitive schedule Identifier
ACCOUNTING_LINE_TYPE		NUMBER	Purpose or description for the accounting entry
TRANSACTION_VALUE		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		NUMBER	Offset account Identifier
PRIMARY_QUANTITY		NUMBER	Transaction quantity for the accounting row
RATE_OR_AMOUNT		NUMBER	Resource requirement or overhead rate/amount for the transaction based on the COST_ELEMENT_ID
BASIS_TYPE		NUMBER	Basis for charging the resource requirement
RESOURCE_ID		NUMBER	Resource requirement or sub-element Identifier
COST_ELEMENT_ID		NUMBER	Cost element Identifier
ACTIVITY_ID		NUMBER	Activity Identifier
CURRENCY_CODE		VARCHAR2(15)	Currency code used in the transaction
CURRENCY_CONVERSION_DATE		DATE	Currency conversion date for the transaction
CURRENCY_CONVERSION_TYPE		VARCHAR2(10)	Currency conversion type for the transaction
CURRENCY_CONVERSION_RATE		NUMBER	Currency conversion rate for the transaction
OVERHEAD_BASIS_FACTOR		NUMBER	The resource requirement value or resource units the overhead is based upon
BASIS_RESOURCE_ID		NUMBER	Resource requirement Identifier for the resource overhead is based on
GL_BATCH_ID		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

# WMS\_LICENSE\_PLATE\_NUMBERS

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

## Column Descriptions

Name	Null?	Type	Description
LPN_ID	NOT NULL	NUMBER	
LICENSE_PLATE_NUMBER	NOT NULL	VARCHAR2(30)	
INVENTORY_ITEM_ID	NULL	NUMBER	
LAST_UPDATE_DATE	NOT NULL	DATE	
LAST_UPDATED_BY	NOT NULL	NUMBER	
CREATION_DATE	NOT NULL	DATE	
CREATED_BY	NOT NULL	NUMBER	
LAST_UPDATE_LOGIN	NULL	NUMBER	
REQUEST_ID	NULL	NUMBER	
PROGRAM_APPLICATION_ID	NULL	NUMBER	
PROGRAM_ID	NULL	NUMBER	
PROGRAM_UPDATE_DATE	NULL	DATE	
REVISION	NULL	VARCHAR2(3)	
LOT_NUMBER	NULL	VARCHAR2(30)	
SERIAL_NUMBER	NULL	VARCHAR2(30)	
ORGANIZATION_ID	NOT NULL	NUMBER	
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	
LOCATOR_ID	NULL	NUMBER	
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifier
PARENT_LPN_ID	NULL	NUMBER	
OUTERMOST_LPN_ID	NULL	NUMBER	Outermost LPN Id
GROSS_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	
GROSS_WEIGHT	NULL	NUMBER	
CONTENT_VOLUME_UOM_CODE	NULL	VARCHAR2(3)	
CONTENT_VOLUME	NULL	NUMBER	
TARE_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	
TARE_WEIGHT	NULL	NUMBER	
STATUS_ID	NULL	NUMBER	
LPN_CONTEXT	NULL	NUMBER	
SEALED_STATUS	NULL	NUMBER	
LPN_REUSABILITY	NULL	NUMBER	
HOMOGENEOUS_CONTAINER	NULL	NUMBER	
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	
ATTRIBUTE1	NULL	VARCHAR2(150)	
ATTRIBUTE2	NULL	VARCHAR2(150)	
ATTRIBUTE3	NULL	VARCHAR2(150)	
ATTRIBUTE4	NULL	VARCHAR2(150)	
ATTRIBUTE5	NULL	VARCHAR2(150)	
ATTRIBUTE6	NULL	VARCHAR2(150)	
ATTRIBUTE7	NULL	VARCHAR2(150)	

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*Column Descriptions (Continued)*

Name	Null?	Type	Description
ATTRIBUTE8	NULL	VARCHAR2(150)	
ATTRIBUTE9	NULL	VARCHAR2(150)	
ATTRIBUTE10	NULL	VARCHAR2(150)	
ATTRIBUTE11	NULL	VARCHAR2(150)	
ATTRIBUTE12	NULL	VARCHAR2(150)	
ATTRIBUTE13	NULL	VARCHAR2(150)	
ATTRIBUTE14	NULL	VARCHAR2(150)	
ATTRIBUTE15	NULL	VARCHAR2(150)	
SOURCE_TYPE_ID	NULL	NUMBER	
SOURCE_HEADER_ID	NULL	NUMBER	
SOURCE_LINE_ID	NULL	NUMBER	
SOURCE_LINE_DETAIL_ID	NULL	NUMBER	
SOURCE_NAME	NULL	VARCHAR2(30)	

*Indexes*

Index Name	Index Type	Sequence	Column Name
WMS_LICENSE_PLATE_NUMBERS_N1	NOT UNIQUE	1	PARENT_LPN_ID
WMS_LICENSE_PLATE_NUMBERS_N2	NOT UNIQUE	1	OUTERMOST_LPN_ID
WMS_LICENSE_PLATE_NUMBERS_N3	NOT UNIQUE	1	ORGANIZATION_ID
		2	SUBINVENTORY_CODE
		3	LOCATOR_ID
WMS_LICENSE_PLATE_NUMBERS_U1	UNIQUE	1	LPN_ID
WMS_LICENSE_PLATE_NUMBERS_U2	UNIQUE	1	LICENSE_PLATE_NUMBER

*Sequences*

Sequence	Derived Column
WMS_LICENSE_PLATE_NUMBERS_S1	LPN_ID
WMS_LICENSE_PLATE_NUMBERS_S2	LICENSE_PLATE_NUMBER

## WMS\_STRATEGIES\_B

WMS\_STRATEGIES\_B stores WMS strategies. A strategy is consist of rules. The order of the rules in the strategy is important as it defines the sequence of execution for the rules.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
STRATEGY_ID (PK)	NOT NULL	NUMBER	Strategy identifier
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
TYPE_CODE	NOT NULL	NUMBER	Strategy type code
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether or not strategy is enabled to be used for assignment to business object ('Y'/'N')
USER_DEFINED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether or not strategy is user-defined ('Y'/'N')
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment

### Indexes

Index Name	Index Type	Sequence	Column Name
WMS_STRATEGIES_B_N1	NOT UNIQUE	1	ORGANIZATION_ID
WMS_STRATEGIES_B_U1	UNIQUE	1	STRATEGY_ID

### Sequences

Sequence	Derived Column
WMS_STRATEGIES_S	STRATEGY_ID

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