Oracle® Spares Management Technical Reference Manual

RELEASE 11*i*

August 2000

Oracle® Spares Management Technical Reference Manual
Release 11i

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CHAPTER

1 Introduction

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

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

About this Manual

This manual describes the Oracle Customer Relationship Management (CRM) Applications Release 11i data model, as used by Oracle Spares Management; it discusses the database we include with a fresh install of Oracle CRM Release 11i. If you have not yet upgraded to Release 11i, your database may differ from the database we document in this book.

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

Finding the Latest Information

The *Oracle Spares Management Technical Reference Manual* contains the latest information as of the publication date. For the latest information we encourage you to use Oracle*MetaLink* which is accessible through Oracle's Support Web Center (*http://www.oracle.com/support/elec_sup*).

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Audience

The *Oracle Spares Management 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 Spares Management. 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 Spares Management uses. This chapter also has a list of modules.

Detailed Design

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

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

You need not read this manual cover to cover. Use the table of contents and index to quickly locate the information you need.

How Not To Use This Manual

Do not use this manual to plan modifications

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

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

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Do not write data into non–interface tables

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

Moreover, this version of the *Oracle Spares Management Technical Reference Manual* does not contain complete information about the dependencies between Oracle Spares Management 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 Spares Management 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 Spares Management 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 Spares Management 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

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 Spares Management.

A Few Words About Terminology

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

Relationship

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

Database Diagram

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

Module

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

Application Building Block

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

QuickCodes

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

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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

Installation and System Administration

Training

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

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

Support

From on–site support to central support, our team of experienced professionals provides the help and information you need to keep Oracle Spares Management working for you. This team includes your Technical Representative, Account Manager, and Oracle's large staff of consultants and support specialists with expertise in your business

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

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

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

Thank You

Thanks for using Oracle Spares Management and this technical reference manual!

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

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CHAPTER

2 High–Level Design

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

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Overview of High–Level Design

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

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

Database Diagrams

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

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

Table Lists

The Table List sections list the Oracle Spares Management 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.

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Internal Tables

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

View Lists

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

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

Public Views

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

Web Views

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

Internal Views

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

Multiple Reporting Currency Views

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

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Module List

The Module List section briefly describes each of the Oracle Spares Management 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 Spares Management. Use your user's guide to learn more about reports and concurrent processes.

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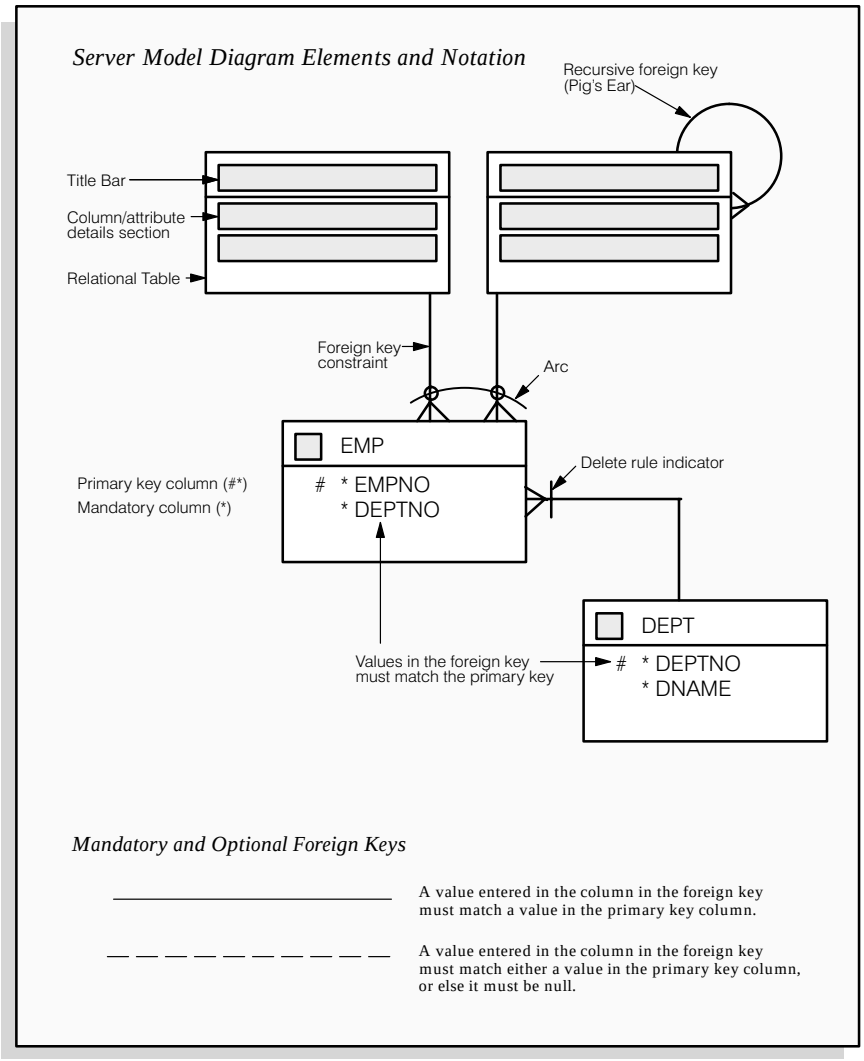
Database Diagramming Conventions

We use the following notational conventions in our database diagrams:

Figure 2 – 1
Database Diagram Conventions



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

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

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

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

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Database Diagrams

This section graphically represents most of the significant Oracle Spares Management tables and the relationships between them, organized by building block. Use this section to quickly learn what tables each Oracle Spares Management 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 Spares Management application building blocks:

- Diagram 1: Picklist
- Diagram 2: Packlist
- Diagram 3: Move Order
- Diagram 4: Notifications
- Diagram 5: Parts Loop

Picklist

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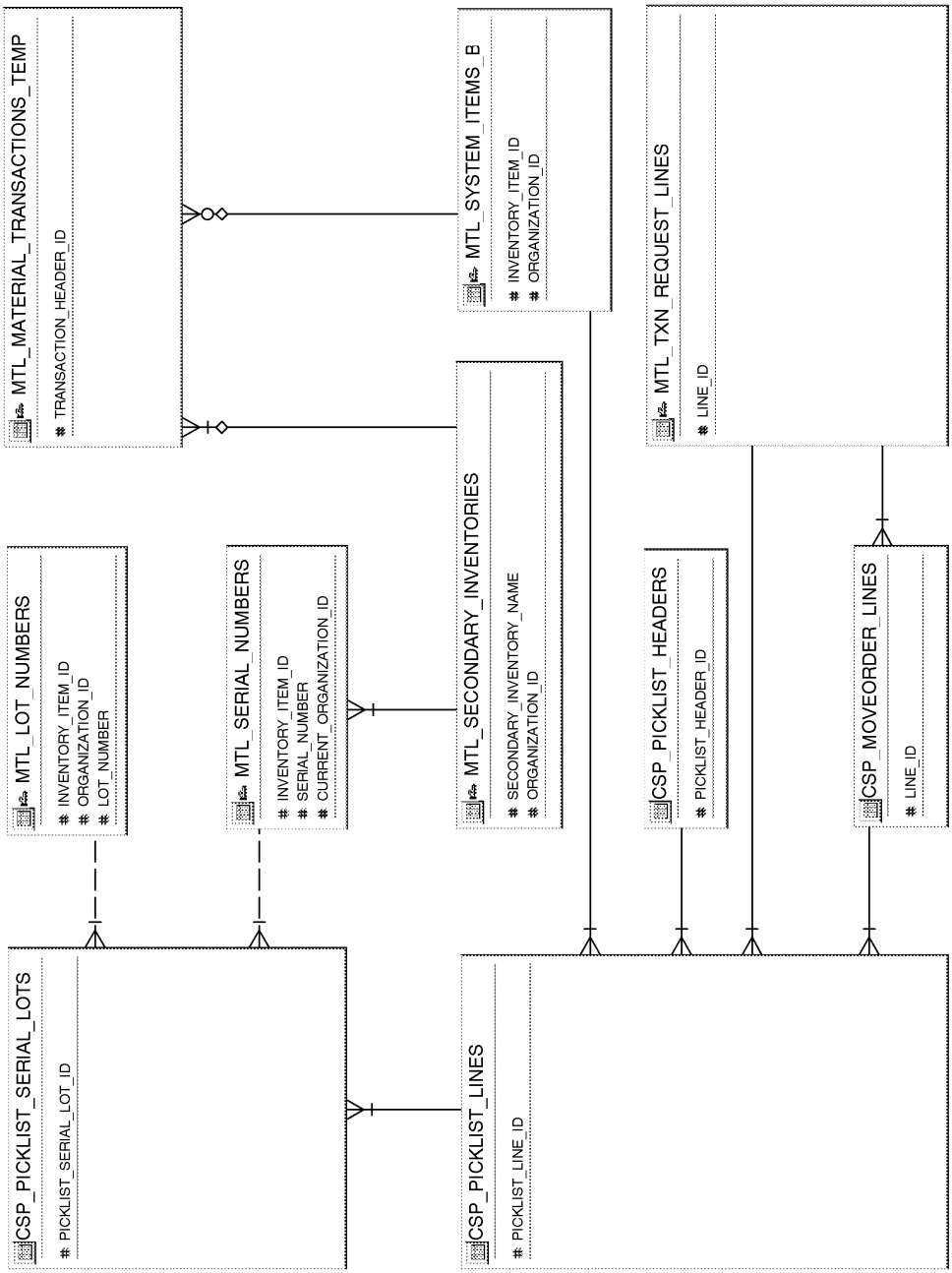

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Packlist

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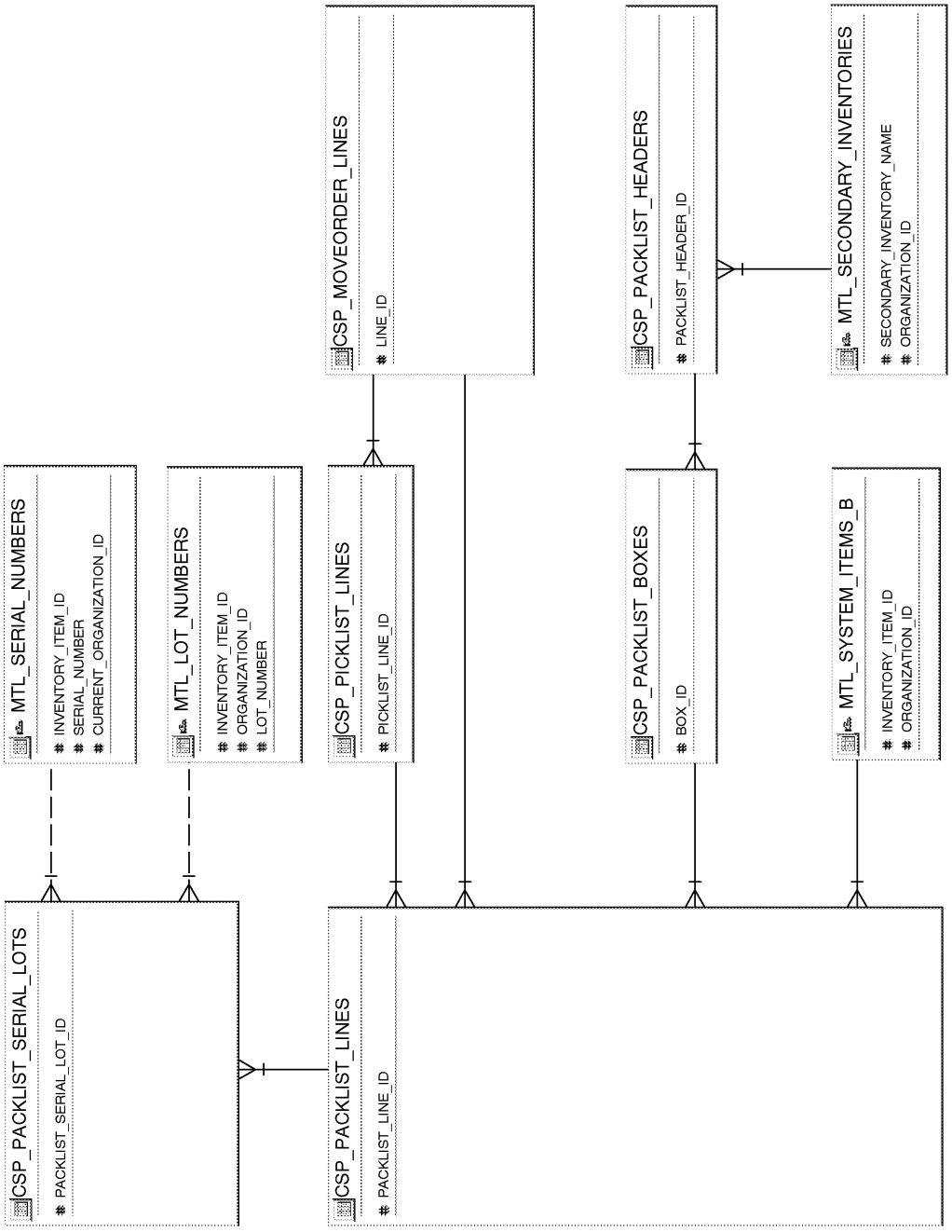

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Move Order

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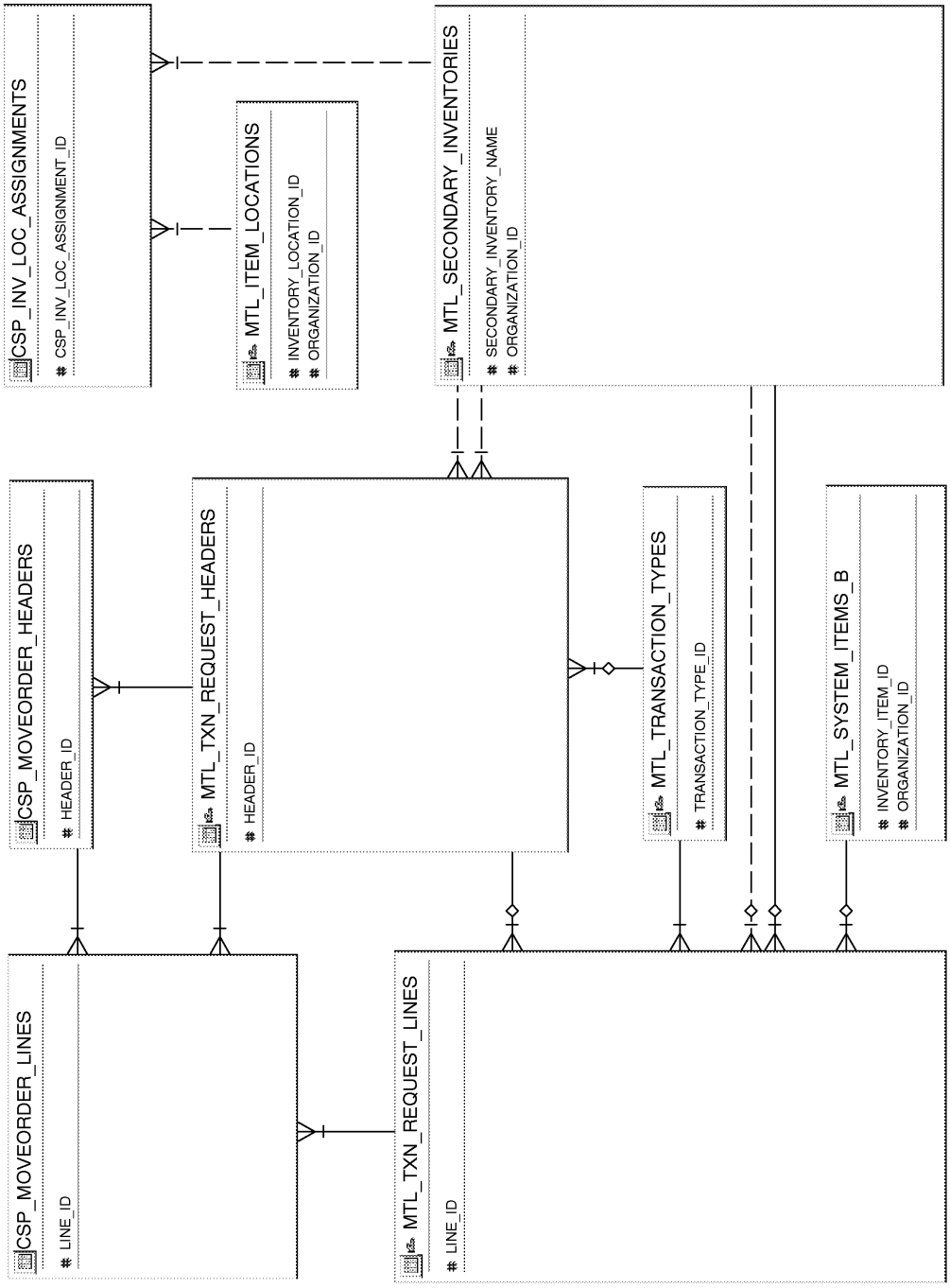

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Notifications

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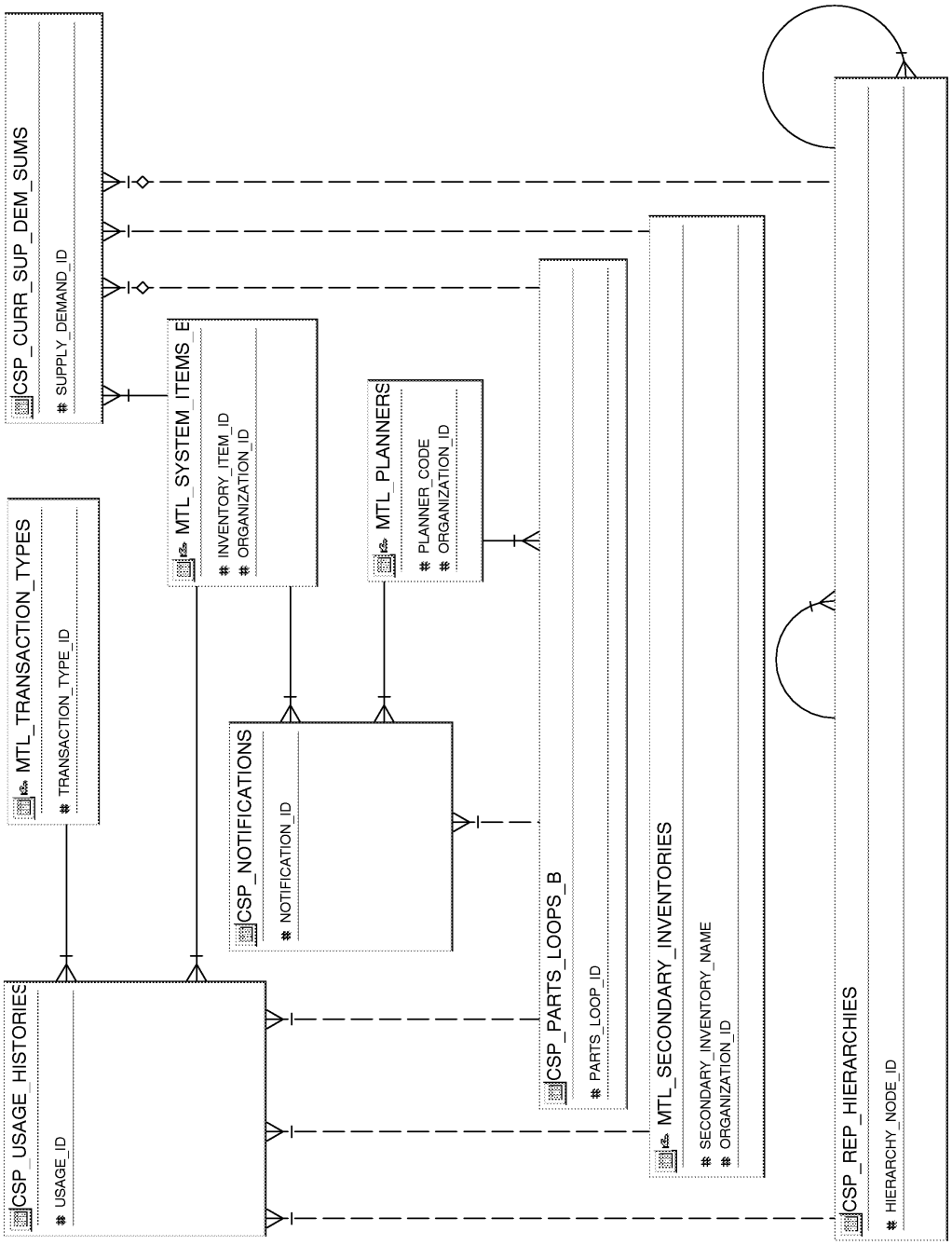

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Parts Loop

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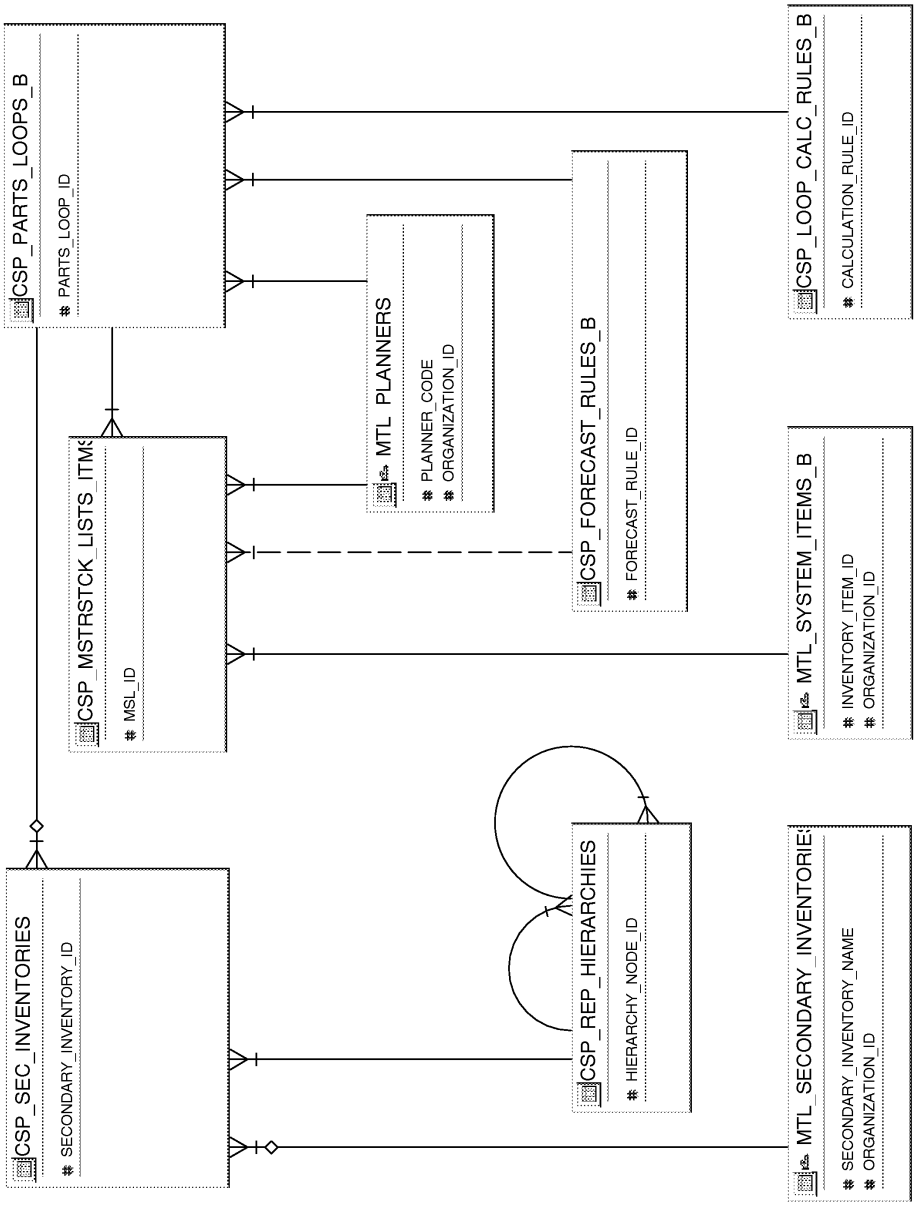

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Public Table List

This section lists each public database table that Spares Management 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.

Spares Management uses the following Public tables:

Table Name	Description
CSP_CURR_SUP_DEM_SUMS	Summarized supply and demand information. (See page 3 – 9)
CSP_FORECAST_RULES_B	Stores forecast rules (See page 3 – 11)
CSP_FORECAST_RULES_TL	Translated forecast rules definitions (See page 3 – 13)
CSP_INV_LOC_ASSIGNMENTS	Inventory location assignments to resources (See page 3 – 16)
CSP_LOOP_CALC_RULES_B	Stores calculation rules (See page 3 – 18)
CSP_LOOP_CALC_RULES_TL	Translated calculation rules definitions (See page 3 – 20)
CSP_MOVEORDER_HEADERS	Holds extra information for moveorder headers (See page 3 – 26)
CSP_MOVEORDER_LINES	Holds extra information for moveorder lines (See page 3 – 28)
CSP_MSTRSTCK_LISTS_ITMS	Master stocklist (See page 3 – 30)
CSP_NOTIFICATIONS	Holds parts loop notifications (See page 3 – 32)
CSP_PACKLIST_BOXES	Packlist Boxes (See page 3 – 34)
CSP_PACKLIST_HEADERS	Packlist headers (See page 3 – 36)
CSP_PACKLIST_LINES	Packlist lines (See page 3 – 38)
CSP_PACKLIST_SERIAL_LOTS	Packlist serial and lot numbers (See page 3 – 40)
CSP_PARTS_LOOPS_B	Parts Loop definition (See page 3 – 41)

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CSP_PARTS_LOOPS_TL	Translated Parts Loop definition (See page 3 – 43)
CSP_PICKLIST_HEADERS	Picklist headers (See page 3 – 44)
CSP_PICKLIST_LINES	Picklist lines (See page 3 – 46)
CSP_PICKLIST_SERIAL_LOTS	Picklist serial and lotnumbers (See page 3 – 48)
CSP_REP_HIERARCHIES	Reporting hierarchies (See page 3 – 49)
CSP_SEC_INVENTORIES	Holds extra subinventory information (See page 3 – 53)
CSP_USAGE_HISTORIES	Summarized usage history information (See page 3 – 55)
MTL_ITEM_LOCATIONS	Definitions for stock locators (See page 3 – 57)
MTL_ITEM_SUB_INVENTORIES	Item–subinventory assignments (See page 3 – 60)
MTL_LOT_NUMBERS	Lot number definitions (See page 3 – 62)
MTL_MATERIAL_TRANSACTIONS	Material transaction table (See page 3 – 66)
MTL_MATERIAL_TRANSACTIONS_TEMP	Temporary table for processing material transactions (See page 3 – 73)
MTL_ONHAND_QUANTITIES	FIFO quantities by control level and receipt (See page 3 – 79)
MTL_PARAMETERS	Inventory control options and defaults (See page 3 – 81)
MTL_PLANNERS	Planner code definitions (See page 3 – 87)
MTL_RESERVATIONS	Reservations (See page 3 – 88)
MTL_SECONDARY_INVENTORIES	Subinventory definitions (See page 3 – 91)
MTL_SECONDARY_LOCATORS	Item–subinventory–locator assignments (See page 3 – 94)
MTL_SERIAL_NUMBERS	Serial number definitions (See page 3 – 95)
MTL_SYSTEM_ITEMS_B	Inventory item definitions (See page 3 – 100)
MTL_TRANSACTION_TYPES	Inventory Transaction Types Table (See page 3 – 119)
MTL_TXN_REQUEST_HEADERS	Move Order headers table (See page 3 – 121)
MTL_TXN_REQUEST_LINES	Move order lines table (See page 3 – 123)
MTL_UNITS_OF_MEASURE_TL	Unit of measure definitions (See page 3 – 126)

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Public View List

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

View Name	Description
CSP_AVAILABLE_PARTS_IN_LOOP_V	Checks availability of part in a given loop and gives a list of all the subinventories (See page 3 – 8)
CSP_GET_LOT_NUMBERS_V	Get the lot numbers associated with a part–in Item number (See page 3 – 14)
CSP_GET_SERIAL_NUMBERS_V	Get Serial Number associated with part–in Item number (See page 3 – 15)
CSP_MOVEORDERS_V	The view gives the status of a moveorder. (See page 3 – 21)
CSP_RESOURCE_DEFAULT_INV_LOC_V	Get the default Part In or Part Out Subinventories assigned to a resource in a loop (See page 3 – 51)
CSP_RESOURCE_INV_LOC_V	View all move orders and their statuses for a given Service Request and Task Id (See page 3 – 52)

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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 Spares Management 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 Spares Management.

Oracle Spares Management uses the following Forms and Table views:

- CSP_CURR_SUP_DEM_SUMS_V
- CSP_FORECAST_RULES_B_V
- CSP_INV_LOC_ASSIGNMENTS_V
- CSP_LOOP_CALC_RULES_V
- CSP_MATERIAL_TRANSACTIONS_V1
- CSP_MOVEORDER_HEADERS_V
- CSP_MOVEORDER_LINES_V
- CSP_MO_LINES_V
- CSP_MSTRSTCK_LISTS_ITMS_V
- CSP_NAV_NODE_TYPES
- CSP_NOTIFICATIONS_V
- CSP_NOT_PLOOP_NAV
- CSP_NOT_PLTYPES_NAV
- CSP_NOT_STAT_ITEMS_NAV
- CSP_NOT_TYSTAT_NAV
- CSP_PACKLIST_BOXES_V
- CSP_PACKLIST_HEADERS_V
- CSP_PACKLIST_LINES_V
- CSP_PACK_LIST_NAV
- CSP_PARTS_LOOPS_B_V
- CSP_PARTS_LOOPS_NAV
- CSP_PICKLIST_HEADERS_V

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- CSP_PICKLIST_LINES_V
- CSP_PICKLIST_LINES_V1
- CSP_PICKLIST_SERIAL_LOTS_V1
- CSP_PICK_TRANSACTIONS_V
- CSP_PLIST_BOXES_NAV
- CSP_PLIST_BOXITEMS_NAV
- CSP_PLIST_ITMSLNO_NAV
- CSP_PLIST_STATUS_NAV
- CSP_RECV_PARTS_V
- CSP_REP_HIERARCHIES_NAV
- CSP_REP_HIERARCHIES_V
- CSP_REP_HIER_SECINV_NAV
- CSP_SEC_INVENTORIES_NAV
- CSP_SEC_INVENTORIES_V
- CSP_USAGE_HISTORIES_V
- CSP_USAGE_HISTORIES_V1

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Internal View List

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

- `MTL_ITEM_LOCATIONS_KFV`
- `MTL_SYSTEM_ITEMS_B_KFV`

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Module List

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

Forms

CSPPLCAL	Define Calculation Rules
CSPPLFRU	Define Forecast Rules
CSPPLPLN	Planner's Desktop
CSPTRCMO	Create Move Order
CSPTRPAC	Create Packlists
CSPTRPCM	Confirm Picklist
CSPTRREC	Receive shipments
CSPTRTMO	Create manual reservation
CSPTRVMO	View move orders

Reports

CSPTRPAL	Print packlists
CSPTRPKL	Print picklist

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CHAPTER

3 Detailed Design

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

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Overview of Detailed Design

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

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

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

Table and View Definitions

The Table and View Definitions section contains a detailed definition of Oracle Spares Management 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 Spares Management application contains, and how it uses them to hold and access the information it needs.

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Table and View Definitions

This section contains a detailed description of each Oracle Spares Management 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

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 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.

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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 Spares Management 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 Spares Management uses and which columns it does not use, we alert you to any unused column. When no module uses a database column, we show one of the following legends in the Description column:

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

Standard Who Columns

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

LAST_UPDATE_DATE	Date when a user last updated this row
LAST_UPDATED_BY	User who last updated this row (foreign key to FND_USER.USER_ID)
CREATION_DATE	Date when this row was created

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

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

Additional Who Columns for Concurrent Programs

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

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

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

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Indexes

If an Oracle Spares Management 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 Spares Management.

Sequences

Oracle Spares Management uses Oracle8i sequence generators to generate unique integers. If any table column gets its value from an Oracle8i sequence generator, we list the name of the corresponding sequence generator and the name of the column that stores the unique integer.

Database Triggers

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

View Derivation

For each Oracle Spares Management 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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CSP_AVAILABLE_PARTS_IN_LOOP_V

The view is used to list the availability of a part in a loop at different subinventories.

View Definition

```
CREATE VIEW CSP_AVAILABLE_PARTS_IN_LOOP_V
  as SELECT
        cplb.parts_loop_id,
        cplb.organization_id,
        csi.secondary_inventory_name,
        csi.condition_type,
        csp_validate_pub.get_avail_qty(
                cplb.organization_id,
                csi.secondary_inventory_name,
                null,
                mosv.inventory_item_id),
        mosv.inventory_item_id,
        mosv.revision
FROM    mtl_onhand_sub_v mosv,
        csp_parts_loops_b   cplb,
        csp_sec_inventories csi
   Where       mosv.organization_id = cplb.organization_id
AND     csi.parts_loop_id = cplb.parts_loop_id
AND     csi.organization_id = cplb.organization_id
AND     csi.secondary_inventory_name = mosv.subinventory_code
```

Column Descriptions

Name	Null?	Type	Description
PARTS_LOOP_ID	NULL	NUMBER(35)	Parts loop identifier
ORGANIZATION_ID	NULL	NUMBER(35)	Organization identifier
SUBINVENTORY_CODE	NULL	VARCHAR2(30)	Subinventory name
CONDITION_TYPE	NULL	VARCHAR2(10)	Subinventory condition type
AVAILABLE_QUANTITY	NULL	NUMBER(35)	Available quantity
INVENTORY_ITEM_ID	NULL	NUMBER(35)	Inventory item identifier
REVISION	NULL	VARCHAR2(3)	Item revision

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CSP_CURR_SUP_DEM_SUMS

The concurrent program ”Create Part Availability Data” populates this table with supply and demand information for service items. This information is used in the Planner’s Desktop and also by the concurrent program ”Create Notifications”.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_PARTS_LOOPS_B	PARTS_LOOP_ID	PARTS_LOOP_ID
CSP_REP_HIERARCHIES	HIERARCHY_NODE_ID	HIERARCHY_NODE_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID SUBINVENTORY_CODE
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID INVENTORY_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
SUPPLY_DEMAND_ID (PK)	NOT NULL	NUMBER(35)	Supply demand unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who Column – with the user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who Column – with the user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who Column
REQUEST_ID	NULL	NUMBER(35)	Standard Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER(35)	Standard Who Column
PROGRAM_ID	NULL	NUMBER(35)	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column
INVENTORY_ITEM_ID	NOT NULL	NUMBER(35)	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER(35)	Organization identifier
PARTS_LOOP_ID	NULL	NUMBER(35)	Parts loop identifier
HIERARCHY_NODE_ID	NULL	NUMBER(35)	Hierarchy node identifier
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory identifier
ONHAND_BAD	NULL	NUMBER(35)	Quantity of onhand bad parts
ONHAND_GOOD	NULL	NUMBER(35)	Quantity of onhand good parts
INTRANSIT_MOVE_ORDERS	NULL	NUMBER(35)	Quantity of item on moveorders being in transit
OPEN_INTERORG_TRANSF_IN	NULL	NUMBER(35)	Quantity of item on interorganization transfers expected in
OPEN_INTERORG_TRANSF_OUT	NULL	NUMBER(35)	Quantity of item on interorganization transfers expected out
OPEN_SALES_ORDERS	NULL	NUMBER(35)	Quantity of item on open sales orders
OPEN_MOVE_ORDERS_IN	NULL	NUMBER(35)	Quantity of item on moveorders expected in
OPEN_MOVE_ORDERS_OUT	NULL	NUMBER(35)	Quantity of item on moveorders expected out
OPEN_REQUISITIONS	NULL	NUMBER(35)	Quantity of item on open requisitions
OPEN_PURCHASE_ORDERS	NULL	NUMBER(35)	Quantity of item on open purchase orders
OPEN_WORK_ORDERS	NULL	NUMBER(35)	Quantity of item on open work orders

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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

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_CURR_SUP_DEM_SUMS_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
CSP_CURR_SUP_DEM_SUMS_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	SUBINVENTORY_CODE
CSP_CURR_SUP_DEM_SUMS_N3	NOT UNIQUE	1	HIERARCHY_NODE_ID
CSP_CURR_SUP_DEM_SUMS_N4	NOT UNIQUE	1	PARTS_LOOP_ID
CSP_CURR_SUP_DEM_SUMS_U1	UNIQUE	1	SUPPLY_DEMAND_ID

Sequences

Sequence	Derived Column
CSP_CURR_SUP_DEM_SUMS_S1	SUPPLY_DEMAND_ID

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CSP_FORECAST_RULES_B

This table stores the definitions of forecast rules being used in parts loops and in the master stocklist. The four forecast methods supported are: Simple Average, Weighted Average, Exponential Smoothing and Trend Enhanced. The 2 period types are Weekly and Periodic. Periodic is identical to the inventory accounting periods defined in the Inventory Accounting Periods form. For Weighted Average we allow a maximum of 12 periods.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FORECAST_METHOD	CSP_FORECAST_METHOD	FND_LOOKUPS
	1	Simple Average
	2	Weighted Average
	3	Exponential Smoothing
	4	Trend Enhanced
PERIOD_TYPE	CSP_PERIOD_TYPE	FND_LOOKUPS
	1	Weekly
	2	Periodic

Column Descriptions

Name	Null?	Type	Description
FORECAST_RULE_ID (PK)	NOT NULL	NUMBER(35)	Forecast rule unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with the user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with the user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
FORECAST_RULE_NAME	NOT NULL	VARCHAR2(240)	Forecast rule name
PERIOD_TYPE	NOT NULL	VARCHAR2(30)	Period type 1=Weekly 2=Periodic
FORECAST_PERIODS	NOT NULL	NUMBER(35)	Number of forecast periods that wil be generated
FORECAST_METHOD	NOT NULL	VARCHAR2(30)	Forecast method 1=Simple Average 2=Weighted Average 3=Exponential Smoothing 4=Trend Enhanced
HISTORY_PERIODS	NOT NULL	NUMBER(35)	Number of history periods to base forecast
ALPHA	NULL	NUMBER(35,8)	Alpha factor used by Exponential Smoothing and Trend Enhanced
BETA	NULL	NUMBER(35,8)	Beta factor used by Trend Enhanced
WEIGHTED_AVG_PERIOD1	NULL	NUMBER(35,8)	Weight to put on history period 1 for Weighted Average
WEIGHTED_AVG_PERIOD2	NULL	NUMBER(35,8)	Weight to put on history period 2 for Weighted Average
WEIGHTED_AVG_PERIOD3	NULL	NUMBER(35,8)	Weight to put on history period 3 for Weighted Average
WEIGHTED_AVG_PERIOD4	NULL	NUMBER(35,8)	Weight to put on history period 4 for Weighted Average

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WEIGHTED_AVG_PERIOD5	NULL	NUMBER(35,8)	Weight to put on history period 5 for Weighted Average
WEIGHTED_AVG_PERIOD6	NULL	NUMBER(35,8)	Weight to put on history period 6 for Weighted Average
WEIGHTED_AVG_PERIOD7	NULL	NUMBER(35,8)	Weight to put on history period 7 for Weighted Average
WEIGHTED_AVG_PERIOD8	NULL	NUMBER(35,8)	Weight to put on history period 8 for Weighted Average
WEIGHTED_AVG_PERIOD9	NULL	NUMBER(35,8)	Weight to put on history period 9 for Weighted Average
WEIGHTED_AVG_PERIOD10	NULL	NUMBER(35,8)	Weight to put on history period 10 for Weighted Average
WEIGHTED_AVG_PERIOD11	NULL	NUMBER(35,8)	Weight to put on history period 11 for Weighted Average
WEIGHTED_AVG_PERIOD12	NULL	NUMBER(35,8)	Weight to put on history period 12 for Weighted Average
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

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_FORECAST_RULES_B_U1	UNIQUE	1	FORECAST_RULE_ID

Sequences

Sequence	Derived Column
CSP_FORECAST_RULES_B_S1	FORECAST_RULE_ID

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CSP_FORECAST_RULES_TL

Translated forecast rules definitions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_FORECAST_RULES_B	FORECAST_RULE_ID	FORECAST_RULE_ID

Column Descriptions

Name	Null?	Type	Description
FORECAST_RULE_ID (PK)	NOT NULL	NUMBER(35)	Forecast rule unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with the user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with the user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Langauge from which things are translated
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	Language of Text. The language to which things are translated.
DESCRIPTION	NULL	VARCHAR2(240)	Description of forecast rule

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_FORECAST_RULES_TL_U1	UNIQUE	1	FORECAST_RULE_ID
		2	LANGUAGE

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CSP_GET_LOT_NUMBERS_V

The view is used for getting lot numbers for an item at the locator, subinventory or organization as per the level specified. This view should be called with a WHERE clause specifying the organization, subinventory or the locator for which the lot numbers for the item should be fetched.

View Definition

```
CREATE VIEW CSP_GET_LOT_NUMBERS_V
  as SELECT
        moq.organization_id,
        moq.inventory_item_id,
        moq.revision,
        mln.lot_number,
        moq.subinventory_code,
        moq.locator_id
FROM    mtl_onhand_quantities moq,
        mtl_lot_numbers mln
   Where        moq.inventory_item_id = mln.inventory_item_id
AND     moq.organization_id = mln.organization_id
AND     moq.lot_number = mln.lot_number
GROUP BY moq.organization_id,
                moq.inventory_item_id,
                moq.revision,
                mln.lot_number,
                moq.subinventory_code,
                moq.locator_id
```

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER(35)	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER(35)	Inventory item identifier
REVISION	NULL	VARCHAR2(3)	Item revision
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
SUBINVENTORY_CODE	NULL	VARCHAR2(30)	Subinventory name
LOCATOR_ID	NULL	NUMBER(35)	Locator identifier

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CSP_GET_SERIAL_NUMBERS_V

The view is used for getting serial numbers of an item at the locator, subinventory or organization as per the level specified. This view should be called with a WHERE clause specifying the organization, subinventory or the locator for which the serial numbers for the item should be fetched.

View Definition

```
    CREATE VIEW CSP_GET_SERIAL_NUMBERS_V
      as SELECT
            msn.current_organization_id            organization_id,
            msn.inventory_item_id          inventory_item_id,
            msn.revision                   revision,
            msn.serial_number                      serial_number,
            msn.current_subinventory_code  subinventory_code,
            msn.current_locator_id         locator_id,
            msn.lot_number                 lot_number,
            msn.current_status             current_status
    FROM    mtl_serial_numbers msn
```

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER(35)	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER(35)	Inventory item identifier
REVISION	NULL	VARCHAR2(3)	Item revision
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial number
SUBINVENTORY_CODE	NULL	VARCHAR2(30)	Subinventory name
LOCATOR_ID	NULL	NUMBER(35)	Locator identifier
LOT_NUMBER	NULL	VARCHAR2(240)	Lot number
CURRENT_STATUS	NULL	NUMBER(35)	Serial number status

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CSP_INV_LOC_ASSIGNMENTS

This table stores the relationship between a resource (typically an engineer) and a subinventory / locator. If the DEFAULT_CODE is 'In" it means that this will be the default subinventory / locator for parts in transactions. "Out" in this column means that this subinventory / locator is the default for parts out transactions.

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

Column Descriptions

Name	Null?	Type	Description
CSP_INV_LOC_ASSIGNMENT_ID (PK)	NOT NULL	NUMBER(35)	Inventory location assigment unique identifer
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
RESOURCE_ID	NOT NULL	NUMBER(35)	Resource identifier
ORGANIZATION_ID	NOT NULL	NUMBER(35)	Organization identifier
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	Subinventory identifier
LOCATOR_ID	NULL	NUMBER(35)	Locator identifier
RESOURCE_TYPE	NOT NULL	VARCHAR2(30)	Type of resource
EFFECTIVE_DATE_START	NOT NULL	DATE	Start date of assignment
EFFECTIVE_DATE_END	NOT NULL	DATE	End date of assignment
DEFAULT_CODE	NULL	VARCHAR2(30)	Default value for parts in and parts out transactions. IN=default inventory location for parts in OUT=default inventory location for parts out
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield Structure Defiing 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

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ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_INV_LOC_ASSIGNMENTS_N1	NOT UNIQUE	1	SUBINVENTORY_CODE
		2	ORGANIZATION_ID
CSP_INV_LOC_ASSIGNMENTS_N2	NOT UNIQUE	1	LOCATOR_ID
		2	ORGANIZATION_ID
CSP_INV_LOC_ASSIGNMENTS_U1	UNIQUE	1	CSP_INV_LOC_ASSIGNMENT_ID

Sequences

Sequence	Derived Column
CSP_INV_LOC_ASSIGNMENTS_S1	CSP_INV_LOC_ASSIGNMENT_ID

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CSP_LOOP_CALC_RULES_B

CSP_LOOP_CALC_RULES_B stores rules which are used by the concurrent program ”Create Notifications” to decide wether different supply / demand information should be included in the calculations or not. The TOLERANCE_PERCENT is used to decide if the calculated result is inside tolerance level. The level is defined on the master stocklist. TIME_FENCE is a number of days used to decide wether a transaction should be included in the calculation. TIME_FENCE is also used by the ”Create Part Availability” concurrent program to include only those supplies / demands which are inside the TIME_FENCE.

Column Descriptions

Name	Null?	Type	Description
CALCULATION_RULE_ID (PK)	NOT NULL	NUMBER(35)	Calculation rule unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with the user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with the user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
CALCULATION_RULE_NAME	NOT NULL	VARCHAR2(150)	Calculation rule name
INCLUDE_SALES_ORDERS	NOT NULL	VARCHAR2(30)	Include sales orders Y/N
INCLUDE_MOVE_ORDERS	NULL	VARCHAR2(30)	Include moveorders Y/N
INCLUDE_REPAIR_ORDERS	NOT NULL	VARCHAR2(30)	Include repair orders Y/N
INCLUDE_WORK_ORDERS	NOT NULL	VARCHAR2(30)	Include work orders Y/N
INCLUDE_PURCHASE_ORDERS	NOT NULL	VARCHAR2(30)	Include purchase orders Y/N
INCLUDE_REQUISITIONS	NOT NULL	VARCHAR2(30)	Include requisitions Y/N
INCLUDE_INTERORG_TRANSFERS	NOT NULL	VARCHAR2(30)	Include interorganization transfers Y/N
INCLUDE_ONHAND_GOOD	NOT NULL	VARCHAR2(30)	Include onhand good Y/N
INCLUDE_ONHAND_BAD	NOT NULL	VARCHAR2(30)	Include onhand bad Y/N
INCLUDE_INTRANSIT_MOVE_ORDERS	NULL	VARCHAR2(30)	Include intransit moveorders Y/N
TOLERANCE_PERCENT	NOT NULL	NUMBER(35,8)	Tolerence percent
TIME_FENCE	NOT NULL	NUMBER(35)	Time fence
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

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ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_LOOP_CALC_RULES_B_U1	UNIQUE	1	CALCULATION_RULE_ID

Sequences

Sequence	Derived Column
CSP_LOOP_CALC_RULES_B_S1	CALCULATION_RULE_ID

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CSP_LOOP_CALC_RULES_TL

Translated calculation rules definitions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_LOOP_CALC_RULES_B	CALCULATION_RULE_ID	CALCULATION_RULE_ID

Column Descriptions

Name	Null?	Type	Description
CALCULATION_RULE_ID (PK)	NOT NULL	NUMBER(35)	Calculation rule unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with the user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with the user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	Language of Text. The language to which things are translated
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language from which things are translated.
DESCRIPTION	NULL	VARCHAR2(240)	Description of calculation rule

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_LOOP_CALC_RULES_TL_U1	UNIQUE	1	CALCULATION_RULE_ID
		2	LANGUAGE

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CSP_MOVEORDERS_V

The view gives the status of a moveorder.

View Definition

```
    CREATE VIEW CSP_MOVEORDERS_V
      as SELECT
            mtrh.header_id,
            mtrh.request_number,
            mtrh.organization_id,
            mtrh.date_required,
            mtrl.line_id,
            mtrl.inventory_item_id,
            mtrl.from_subinventory_code,
            mtrl.from_locator_id,
            mtrl.to_subinventory_code,
            mtrl.to_locator_id,
            mtrl.revision,
            mtrl.quantity,
            to_char(mtrl.line_status)  ,
            ml.meaning ,
            mtrl.status_date,
            msibk.concatenated_segments,
            msibk.description,
            cml.creation_date ,
            cml.incident_id,
            cml.task_id,
            null waybill,
            cmh.carrier,
            cmh.shipment_method,
            hl.description,
            hl.address1,
            hl.address2,
            hl.address3,
            hl.address4,
            hl.city,
            hl.postal_code,
            hl.state,
            hl.province,
            hl.country,
            to_number(null) ,
            null ,
            to_date(null) ,
            to_number(null) ,
            to_number(null) ,
            null ,
            to_date(null) ,
            to_date(null) ,
            to_date(null) ,
            to_number(null) ,
            to_number(null) ,
            to_number(null)
     from   mfg_lookups ml,
            mtl_system_items_b_kfv msibk,
                   hz_locations hl,
```

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```
        csp_moveorder_lines cml,
        csp_moveorder_headers cmh,
        mtl_txn_request_headers mtrh,
        mtl_txn_request_lines mtrl,
        csp_sec_inventories csi

   Where        mtrl.line_id = cml.line_id
and     mtrh.header_id = mtrl.header_id
and     cmh.header_id = mtrh.header_id
and     nvl(cmh.location_id,csi.location_id) = hl.location_id
and     msibk.inventory_item_id = mtrl.inventory_item_id
and     msibk.organization_id = mtrl.organization_id
and     ml.lookup_type = 'MTL_TXN_REQUEST_STATUS'
and     ml.lookup_code = mtrl.line_status
and     csi.organization_id = mtrl.organization_id
and     csi.secondary_inventory_name = mtrl.to_subinventory_code
and not exists
        (select line_id
         from csp_picklist_lines cpil
         where cpil.line_id = mtrl.line_id)
union
SELECT
        mtrh.header_id,
        mtrh.request_number,
        mtrh.organization_id,
        mtrh.date_required,
        mtrl.line_id,
        mtrl.inventory_item_id,
        mtrl.from_subinventory_code,
        mtrl.from_locator_id,
        mtrl.to_subinventory_code,
        mtrl.to_locator_id,
        mtrl.revision,
        mtrl.quantity,
        cpih.picklist_status ,
        fl.meaning ,
        nvl(cpih.date_created,nvl(cpih.date_confirmed,mtrl.status_date)) ,
        msibk.concatenated_segments,
        msibk.description,
        cml.creation_date ,
        cml.incident_id,
        cml.task_id,
        null waybill,
        cmh.carrier,
        cmh.shipment_method,
        hl.description,
        hl.address1,
        hl.address2,
        hl.address3,
        hl.address4,
        hl.city,
        hl.postal_code,
        hl.state,
        hl.province,
        hl.country,
        cpih.picklist_header_id ,
        cpih.picklist_number ,
```

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```
        nvl(cpih.date_confirmed,cpih.date_created) ,
        quantity_picked,
        to_number(null) ,
        null ,
        to_date(null) ,
        to_date(null) ,
        to_date(null) ,
        to_number(null) ,
        to_number(null) ,
        to_number(null)
from    fnd_lookups     fl,
        mtl_system_items_b_kfv msibk,
        csp_moveorder_lines cml,
        csp_moveorder_headers cmh,
        csp_picklist_headers cpih,
        csp_picklist_lines cpil,
        hz_locations hl,
        mtl_txn_request_headers mtrh,
        mtl_txn_request_lines mtrl,
        csp_sec_inventories csi
where   mtrl.line_id = cml.line_id
and     mtrh.header_id = mtrl.header_id
and     cmh.header_id = mtrh.header_id
and     mtrl.line_id = cpil.l
   ine_id
and     nvl(cmh.location_id,csi.location_id) = hl.location_id
and     cpih.picklist_header_id = cpil.picklist_header_id
and     msibk.inventory_item_id = mtrl.inventory_item_id
and     msibk.organization_id = mtrl.organization_id
and     fl.lookup_type = 'CSP_PICKLIST_STATUS'
and     fl.lookup_code = cpih.picklist_status
and     csi.organization_id = mtrl.organization_id
and     csi.secondary_inventory_name = mtrl.to_subinventory_code
and not exists
        (select line_id
         from csp_packlist_lines cpal
         where cpal.line_id = cpil.line_id)
union
SELECT
        mtrh.header_id,
        mtrh.request_number,
        mtrh.organization_id,
        mtrh.date_required,
        mtrl.line_id,
        mtrl.inventory_item_id,
        mtrl.from_subinventory_code,
        mtrl.from_locator_id,
        mtrl.to_subinventory_code,
        mtrl.to_locator_id,
        mtrl.revision,
        mtrl.quantity,
        cpal.packlist_line_status ,
        fl.meaning ,
        nvl(cpah.date_received,nvl(cpah.date_shipped,
        nvl(cpah.date_packed,cpah.date_created))) ,
        msibk.concatenated_segments,
        msibk.description,
```

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```
        cml.creation_date ,
        cml.incident_id,
        cml.task_id,
        cpah.waybill,
        cpah.carrier,
        cpah.shipment_method,
        hl.description,
        hl.address1,
        hl.address2,
        hl.address3,
        hl.address4,
        hl.city,
        hl.postal_code,
        hl.state,
        hl.province,
        hl.country,
        cpih.picklist_header_id ,
        cpih.picklist_number ,
        nvl(cpih.date_confirmed,cpih.date_created) ,
        quantity_picked,
        cpah.packlist_header_id,
        cpah.packlist_number ,
        cpah.date_packed ,
        cpah.date_shipped ,
        cpah.date_received ,
        cpal.quantity_packed ,
        cpal.quantity_shipped ,
        cpal.quantity_received
from    fnd_lookups     fl,
        mtl_system_items_b_kfv msibk,
        csp_moveorder_lines cml,
        csp_moveorder_headers cmh,
        csp_picklist_headers cpih,
        csp_picklist_lines cpil,
        csp_packlist_headers cpah,
        csp_packlist_lines cpal,
        hz_locations hl,
        mtl_txn_request_headers mtrh,
        mtl_txn_request_lines mtrl
where   mtrl.line_id = cml.line_id
and     mtrh.header
   _id = mtrl.header_id
and     cmh.header_id = mtrh.header_id
and     mtrl.line_id = cpil.line_id
and     cpah.location_id = hl.location_id
and     cpih.picklist_header_id = cpil.picklist_header_id
and     cpil.picklist_line_id = cpal.picklist_line_id
and     cpah.packlist_header_id = cpal.packlist_header_id
and     msibk.inventory_item_id = mtrl.inventory_item_id
and     msibk.organization_id = mtrl.organization_id
and     fl.lookup_type = 'CSP_PACKLIST_STATUS'
and     fl.lookup_code = cpal.packlist_line_status
```

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Column Descriptions

Name	Null?	Type	Description
HEADER_ID	NULL	VARCHAR2(240)	Move order header identifier
REQUEST_NUMBER	NULL	VARCHAR2(240)	Move order request number
ORGANIZATION_ID	NULL	VARCHAR2(240)	Organization identifier
DATE_REQUIRED	NULL	VARCHAR2(240)	Date required
LINE_ID	NULL	VARCHAR2(240)	Move order line identifier
INVENTORY_ITEM_ID	NULL	VARCHAR2(240)	Inventory item identifier
FROM_SUBINVENTORY_CODE	NULL	VARCHAR2(240)	Name of source subinventory
FROM_LOCATOR_ID	NULL	VARCHAR2(240)	Source locator identifier
TO_SUBINVENTORY_CODE	NULL	VARCHAR2(240)	Name of destination subinventory
TO_LOCATOR_ID	NULL	VARCHAR2(240)	Destination locator identifier
REVISION	NULL	VARCHAR2(240)	Item revision
QUANTITY	NULL	VARCHAR2(240)	Quantity ordered
LINE_STATUS_ID	NULL	VARCHAR2(240)	Line status identifier
LINE_STATUS	NULL	VARCHAR2(240)	Line status
STATUS_DATE	NULL	VARCHAR2(240)	Line status date
CONCATENATED_SEGMENTS	NULL	VARCHAR2(240)	Item number
DESCRIPTION	NULL	VARCHAR2(240)	Item description
DATE_ORDERED	NULL	VARCHAR2(240)	Date ordered
INCIDENT_ID	NULL	VARCHAR2(240)	Service request identifier
TASK_ID	NULL	VARCHAR2(240)	Task identifier
WAYBILL	NULL	VARCHAR2(240)	Waybill number
CARRIER	NULL	VARCHAR2(240)	Name of carrier
SHIPMENT_METHOD	NULL	VARCHAR2(240)	Shipment method
LOCATION_NAME	NULL	VARCHAR2(240)	Refer to base table.
ADDRESS1	NULL	VARCHAR2(240)	Address
ADDRESS2	NULL	VARCHAR2(240)	Address
ADDRESS3	NULL	VARCHAR2(240)	Address
ADDRESS4	NULL	VARCHAR2(240)	Address
CITY	NULL	VARCHAR2(240)	City
POSTAL_CODE	NULL	VARCHAR2(240)	Postal code
STATE	NULL	VARCHAR2(240)	State
PROVINCE	NULL	VARCHAR2(240)	Province
COUNTRY	NULL	VARCHAR2(240)	Country
PICKLIST_HEADER_ID	NULL	VARCHAR2(240)	Picklist header identifier
PICKLIST_NUMBER	NULL	VARCHAR2(240)	Picklist number
DATE_PICKED	NULL	VARCHAR2(240)	Date picked
QUANTITY_PICKED	NULL	VARCHAR2(240)	Quantity picked
PACKLIST_HEADER_ID	NULL	VARCHAR2(240)	Packlist header identifier
PACKLIST_NUMBER	NULL	VARCHAR2(240)	Packlist number
DATE_PACKED	NULL	VARCHAR2(240)	Date packed
DATE_SHIPPED	NULL	VARCHAR2(240)	Date shipped
DATE_RECEIVED	NULL	VARCHAR2(240)	Date received
QUANTITY_PACKED	NULL	VARCHAR2(240)	Quantity packed
QUANTITY_SHIPPED	NULL	VARCHAR2(240)	Quantity shipped
QUANTITY_RECEIVED	NULL	VARCHAR2(240)	Quantity received

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CSP_MOVEORDER_HEADERS

CSP_MOVEORDER_HEADERS stores extra information for a move order. The LOCATION_ID identifies the ship to address. The CARRIER is an indication of which carrier should be used to deliver this order. The SHIPMENT_METHOD indicates how the order should be delivered.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_TXN_REQUEST_HEADERS	HEADER_ID	HEADER_ID

Column Descriptions

Name	Null?	Type	Description
HEADER_ID (PK)	NOT NULL	NUMBER(35)	Moveorder header unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
CARRIER	NULL	VARCHAR2(30)	Freight carrier
SHIPMENT_METHOD	NULL	VARCHAR2(30)	Shipment method
AUTORECEIPT_FLAG	NULL	VARCHAR2(30)	Autoreceipt flag Y=autoreceipt N=manual receipt
LOCATION_ID	NULL	NUMBER(35)	Location 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
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

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ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_MOVEORDER_HEADERS_N1	NOT UNIQUE	1	LOCATION_ID
CSP_MOVEORDER_HEADERS_U1	UNIQUE	1	HEADER_ID

Sequences

Sequence	Derived Column
CSP_MOVEORDER_HEADERS_S1	HEADER_ID

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CSP_MOVEORDER_LINES

CSP_MOVEORDER_LINES stores links to the Service Request and the Taks number. CUSTOMER_PO identifies the customers purchase order number.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_MOVEORDER_HEADERS	HEADER_ID	HEADER_ID
MTL_TXN_REQUEST_HEADERS	HEADER_ID	HEADER_ID
MTL_TXN_REQUEST_LINES	LINE_ID	LINE_ID

Column Descriptions

Name	Null?	Type	Description
LINE_ID (PK)	NOT NULL	NUMBER(35)	Moveorder line unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_LOGIN	NULL	NUMBER(35)	Standard Who column
HEADER_ID	NOT NULL	NUMBER(35)	Moveorder header unique identifier
CUSTOMER_PO	NULL	VARCHAR2(30)	Customer’s purchase order number
INCIDENT_ID	NULL	NUMBER(35)	Service request identifier
TASK_ID	NULL	NUMBER(35)	Task identifier
TASK_ASSIGNMENT_ID	NULL	NUMBER(35)	Task assignment identifier
COMMENTS	NULL	VARCHAR2(240)	Moveorder comments
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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ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_MOVEORDER_LINES_N1	NOT UNIQUE	1	HEADER_ID
CSP_MOVEORDER_LINES_U1	UNIQUE	5	LINE_ID

Sequences

Sequence	Derived Column
CSP_MOVEORDER_LINES_S1	LINE_ID

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CSP_MSTRSTCK_LISTS_ITMS

CSP_MSTRSTCK_LISTS_ITMS holds the master stocklist for a Parts Loop. TOTAL_LOOP_QUANTITY shows how many units of this part should be available in the loop.
TOTAL_LOOP_MIN_GOOD_QUANTITY shows how much of the total available quantity should be onhand good parts. PLANNER_CODE identifies the responsible planner of this part.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_FORECAST_RULES_B	FORECAST_RULE_ID	FORECAST_RULE_ID
CSP_PARTS_LOOPS_B	PARTS_LOOP_ID	PARTS_LOOPS_ID
MTL_PLANNERS	PLANNER_CODE ORGANIZATION_ID	PLANNER_CODE ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
MSL_ID (PK)	NOT NULL	NUMBER(35)	Master stocklist unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_LOGIN	NULL	NUMBER(35)	Standard Who column
PARTS_LOOPS_ID	NOT NULL	NUMBER(35)	Parts loop identifier
ORGANIZATION_ID	NOT NULL	NUMBER(35)	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER(35)	Inventory item identifier
REVISION	NULL	VARCHAR2(3)	Item revision
FORECAST_RULE_ID	NOT NULL	NUMBER(35)	Forecast rule identifier
TOTAL_LOOP_QUANTITY	NOT NULL	NUMBER(35)	Total quantity in parts loop for this item
TOTAL_LOOP_MIN_GOOD_QUANTITY	NULL	NUMBER	Minimum quantity onhand good for this item
PLANNER_CODE	NOT NULL	VARCHAR2(10)	Planner identifier
PLANNING_TYPE_CODE	NULL	VARCHAR2(30)	Planning type. 1=Reorder point planning 2=Min–max planning 4=MPS planning 6=Not planned
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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ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_MSTRSTCK_LISTS_ITMS_N1	NOT UNIQUE	1	PARTS_LOOPS_ID
CSP_MSTRSTCK_LISTS_ITMS_N2	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
CSP_MSTRSTCK_LISTS_ITMS_U1	UNIQUE	1	MSL_ID

Sequences

Sequence	Derived Column
CSP_MSTRSTCK_LISTS_ITMS_S1	MSL_ID

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CSP_NOTIFICATIONS

CSP_NOTIFICATIONS stores the result of the concurrent program ”Create Notifications”. Reason identifies one of 3 different types of notifications generated. Above (A) total quantity in loop, Below (B) total quantity in loop and Not enough good parts in loop (N). STATUS shows if it is an open, pending or closed notification.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_PARTS_LOOPS_B	PARTS_LOOP_ID	PARTS_LOOP_ID
MTL_PLANNERS	PLANNER_CODE ORGANIZATION_ID	PLANNER_CODE ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID INVENTORY_ITEM_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
REASON	CSP_NOTIFICATION_TYPES	FND_LOOKUPS
	A	Above
	B	Below
	N	Not Enough Good Parts
STATUS	CSP_NOTIFICATION_STATUS	FND_LOOKUPS
	1	Open
	2	Pending
	3	Closed

Column Descriptions

Name	Null?	Type	Description
NOTIFICATION_ID (PK)	NOT NULL	NUMBER(35)	Notification unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
REQUEST_ID	NULL	NUMBER(35)	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(35)	Standard Who column
PROGRAM_ID	NULL	NUMBER(35)	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
PLANNER_CODE	NOT NULL	VARCHAR2(10)	Planner identifier
PARTS_LOOP_ID	NULL	NUMBER(35)	Parts loop identifier
ORGANIZATION_ID	NOT NULL	NUMBER(35)	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER(35)	Inventory item identifier
NOTIFICATION_DATE	NOT NULL	DATE	Date of notification
REASON	NOT NULL	VARCHAR2(240)	Notification reason A=Above B=Below N=Not enough good parts
STATUS	NOT NULL	VARCHAR2(30)	Notification status 1=Open 2=Pending 3=Closed
QUANTITY	NULL	NUMBER(35)	Quantity
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield Structure Defining column

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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

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_NOTIFICATIONS_N1	NOT UNIQUE	1	PLANNER_CODE
		2	ORGANIZATION_ID
CSP_NOTIFICATIONS_N2	NOT UNIQUE	1	PARTS_LOOP_ID
		2	INVENTORY_ITEM_ID
CSP_NOTIFICATIONS_N3	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
CSP_NOTIFICATIONS_U1	UNIQUE	1	NOTIFICATION_ID

Sequences

Sequence	Derived Column
CSP_NOTIFICATIONS_S1	NOTIFICATION_ID

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CSP_PACKLIST_BOXES

CSP_PACKLIST_BOXES stores the weight and the name of a box used for packing parts on a move order.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_PACKLIST_HEADERS	PACKLIST_HEADER_ID	PACKLIST_HEADER_ID

Column Descriptions

Name	Null?	Type	Description
BOX_ID (PK)	NOT NULL	NUMBER(35)	Box identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
BOX_NAME	NOT NULL	VARCHAR2(30)	Box name
ORGANIZATION_ID	NOT NULL	NUMBER(35)	Organization identifier
PACKLIST_HEADER_ID	NOT NULL	NUMBER(35)	Packlist unique identifier
WEIGHT	NULL	NUMBER(35,8)	Weight
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

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Indexes

Index Name	Index Type	Sequence	Column Name
CSP_PACKLIST_BOXES_N1	NOT UNIQUE	1	PACKLIST_HEADER_ID
CSP_PACKLIST_BOXES_U1	UNIQUE	1	BOX_ID

Sequences

Sequence	Derived Column
CSP_PACKLIST_BOXES_S1	BOX_ID

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CSP_PACKLIST_HEADERS

CSP_PACKLIST_HEADERS stores the shipping information for parts being shipped. PACKLIST_LINE_STATUS shows in what state the packlist line is: Packed, shipped or received. DATE_PACKED is the date when the packlist was completed. DATE_SHIPPED is the date when the packlist was shipped. DATE_RECEIVED is the date when the shipment was completely received.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID SUBINVENTORY_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PACKLIST_STATUS	CSP_PACKLIST_STATUS	FND_LOOKUPS
	1	Open
	2	Shipped
	3	Received

Column Descriptions

Name	Null?	Type	Description
PACKLIST_HEADER_ID (PK)	NOT NULL	NUMBER(35)	Packlist unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
ORGANIZATION_ID	NOT NULL	NUMBER(35)	Organization identifier
PACKLIST_NUMBER	NOT NULL	VARCHAR2(10)	Packlist number
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory identifier
PACKLIST_STATUS	NOT NULL	VARCHAR2(30)	Packlist status
DATE_CREATED	NOT NULL	DATE	Date packlist was created
DATE_PACKED	NULL	DATE	Date packlist was packed
DATE_SHIPPED	NULL	DATE	Date packlist was shipped
DATE_RECEIVED	NULL	DATE	Date packlist was completely received
CARRIER	NULL	VARCHAR2(60)	Freight carrier
SHIPMENT_METHOD	NULL	VARCHAR2(60)	Shipment method
WAYBILL	NULL	VARCHAR2(60)	Carrier’s waybill number
COMMENTS	NULL	VARCHAR2(240)	Packlist comments
LOCATION_ID	NULL	NUMBER(35)	Location 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

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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

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_PACKLIST_HEADERS_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	PACKLIST_STATUS
CSP_PACKLIST_HEADERS_U1	UNIQUE	1	PACKLIST_HEADER_ID

Sequences

Sequence	Derived Column
CSP_PACKLIST_HEADERS_S1	PACKLIST_HEADER_ID

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CSP_PACKLIST_LINES

CSP_PACKLIST_LINES identifies the items being packed in the different boxes. PACKLIST_LINE_STATUS shows in what state the packlist line is: Packed, shipped or received. QUANTITY_PACKED is the quantity of this item packed in this box. QUANTITY_SHIPPED is the quantity shipped. QUANTOTY_RECEIVED is the quantity received of this item.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_MOVEORDER_LINES	LINE_ID	LINE_ID
CSP_PACKLIST_BOXES	BOX_ID	BOX_ID
CSP_PICKLIST_LINES	PICKLIST_LINE_ID	PICKLIST_LINE_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_TXN_REQUEST_LINES	LINE_ID	LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PACKLIST_LINE_STATUS	CSP_PACKLIST_STATUS	FND_LOOKUPS
	1	Open
	2	Shipped
	3	Received

Column Descriptions

Name	Null?	Type	Description
PACKLIST_LINE_ID (PK)	NOT NULL	NUMBER(35)	Packlist line unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
ORGANIZATION_ID	NOT NULL	NUMBER(35)	Organization identifier
PACKLIST_LINE_NUMBER	NOT NULL	NUMBER(35)	Packlist line number
PACKLIST_HEADER_ID	NOT NULL	NUMBER(35)	Packlist unique identifier
BOX_ID	NOT NULL	NUMBER(35)	Box identifier
PICKLIST_LINE_ID	NULL	NUMBER(35)	Picklist line identifier
LINE_ID	NOT NULL	NUMBER(35)	Moverorder line identifier
PACKLIST_LINE_STATUS	NOT NULL	VARCHAR2(30)	Packlist line status 1=Open 2=Shipped 3=Received
INVENTORY_ITEM_ID	NOT NULL	NUMBER(35)	Inventory item identifier
UOM_CODE	NOT NULL	VARCHAR2(3)	Unit of measure
QUANTITY_PACKED	NOT NULL	NUMBER(35)	Quantity packed
QUANTITY_SHIPPED	NULL	NUMBER(35)	Quantity shipped
QUANTITY_RECEIVED	NULL	NUMBER(35)	Quantity received
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

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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

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_PACKLIST_LINES_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
CSP_PACKLIST_LINES_N2	NOT UNIQUE	1	LINE_ID
CSP_PACKLIST_LINES_N3	NOT UNIQUE	1	BOX_ID
CSP_PACKLIST_LINES_N4	NOT UNIQUE	1	PICKLIST_LINE_ID
CSP_PACKLIST_LINES_N5	NOT UNIQUE	1	PACKLIST_HEADER_ID
CSP_PACKLIST_LINES_U1	UNIQUE	1	PACKLIST_LINE_ID

Sequences

Sequence	Derived Column
CSP_PACKLIST_LINES_S1	PACKLIST_LINE_ID

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CSP_PACKLIST_SERIAL_LOTS

CSP_PACKLIST_SERIAL_LOTS stores information on which serial and lot numbers that go into the different boxes of a packlist.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_PACKLIST_LINES	PACKLIST_LINE_ID	PACKLIST_LINE_ID
MTL_LOT_NUMBERS	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER
MTL_SERIAL_NUMBERS	CURRENT_ORGANIZATION_ID INVENTORY_ITEM_ID SERIAL_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID SERIAL_NUMBER

Column Descriptions

Name	Null?	Type	Description
PACKLIST_SERIAL_LOT_ID (PK)	NOT NULL	NUMBER(35)	Packlist serial and lot unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
PACKLIST_LINE_ID	NOT NULL	NUMBER(35)	Packlist line identifier
ORGANIZATION_ID	NOT NULL	NUMBER(35)	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER(35)	Inventory item identifier
QUANTITY	NOT NULL	NUMBER(35)	Quantity
LOT_NUMBER	NULL	VARCHAR2(240)	Lot number
SERIAL_NUMBER	NULL	VARCHAR2(240)	Serial number

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_PACKLIST_SERIAL_LOTS_N1	NOT UNIQUE	1	PACKLIST_LINE_ID
CSP_PACKLIST_SERIAL_LOTS_N2	NOT UNIQUE	1 2 3	ORGANIZATION_ID INVENTORY_ITEM_ID SERIAL_NUMBER
CSP_PACKLIST_SERIAL_LOTS_N3	NOT UNIQUE	1 2 3	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER
CSP_PACKLIST_SERIAL_LOTS_U1	UNIQUE	1	PACKLIST_SERIAL_LOT_ID

Sequences

Sequence	Derived Column
CSP_PACKLIST_SERIAL_LOTS_S1	PACKLIST_SERIAL_LOT_ID

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CSP_PARTS_LOOPS_B

CSP_PARTS_LOOPS_B stores information about parts loops that are used to plan service parts. PLANNER_CODE identifies the responsible planner for this loop. CALCULATION_RULE_ID identifies the calculation rule to be used when generating notifications. FORECAST_RULE_ID identifies the forecast rule to be used when displaying the forecast in the Planner's Desktop.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_FORECAST_RULES_B	FORECAST_RULE_ID	FORECAST_RULE_ID
CSP_LOOP_CALC_RULES_B	CALCULATION_RULE_ID	CALCULATION_RULE_ID
MTL_PLANNERS	PLANNER_CODE ORGANIZATION_ID	PLANNER_CODE ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
PARTS_LOOP_ID (PK)	NOT NULL	NUMBER(35)	Parts loop unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
ORGANIZATION_ID	NOT NULL	NUMBER(35)	Organization identifier
PLANNER_CODE	NOT NULL	VARCHAR2(10)	Planner identifier
CALCULATION_RULE_ID	NOT NULL	NUMBER(35)	Calculation rule identifier
FORECAST_RULE_ID	NOT NULL	NUMBER(35)	Forecast rule identifier
PARTS_LOOP_NAME	NOT NULL	VARCHAR2(30)	Parts loop name
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

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ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_PARTS_LOOPS_B_N1	NOT UNIQUE	1	FORECAST_RULE_ID
CSP_PARTS_LOOPS_B_N2	NOT UNIQUE	5	CALCULATION_RULE_ID
CSP_PARTS_LOOPS_B_N3	NOT UNIQUE	1	ORGANIZATION_ID
		2	PLANNER_CODE
CSP_PARTS_LOOPS_B_U1	UNIQUE	1	PARTS_LOOP_ID

Sequences

Sequence	Derived Column
CSP_PARTS_LOOPS_B_S1	PARTS_LOOP_ID

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CSP_PARTS_LOOPS_TL

Translated Parts Loop definition

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_PARTS_LOOPS_B	PARTS_LOOP_ID	PARTS_LOOP_ID

Column Descriptions

Name	Null?	Type	Description
PARTS_LOOP_ID (PK)	NOT NULL	NUMBER(35)	Parts loop unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	Language of Text. The language to which things are translateed.
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language from which things are translated.
DESCRIPTION	NULL	VARCHAR2(240)	Description of parts loop

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_PARTS_LOOPS_TL_U1	NOT UNIQUE	1	PARTS_LOOP_ID
		2	LANGUAGE

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CSP_PICKLIST_HEADERS

CSP_PICKLIST_HEADERS stores the information about a picklist. PICKLIST_STATUS shows the status of the picklist. A picklist has 3 different states: Open (1), Printed (2) or Confirmed (3). CREATED_DATE is the date when the picklist was first printed. CONFIRMED_DATE is the date when the picklist was confirmed.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PICKLIST_STATUS	CSP_PICKLIST_STATUS	FND_LOOKUPS
	1	Open
	2	Printed
	3	Confirmed

Column Descriptions

Name	Null?	Type	Description
PICKLIST_HEADER_ID (PK)	NOT NULL	NUMBER	Picklist unique identifier
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
PICKLIST_NUMBER	NULL	VARCHAR2(30)	Picklist number
PICKLIST_STATUS	NOT NULL	VARCHAR2(30)	Picklist status. 1=Open 2=Printed 3=Confirmed
DATE_CREATED	NULL	DATE	Date when picklist was created
DATE_CONFIRMED	NULL	DATE	Date when picklist was confirmed
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield Structure Defining column
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column

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ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield Segment Column

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_PICKLIST_HEADERS_N1	NOT UNIQUE	1	PICKLIST_STATUS
		2	ORGANIZATION_ID
CSP_PICKLIST_HEADERS_U1	UNIQUE	1	PICKLIST_HEADER_ID

Sequences

Sequence	Derived Column
CSP_PICKLIST_HEADERS_S1	PICKLIST_HEADER_ID

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CSP_PICKLIST_LINES

CSP_PICKLIST_LINES stores the items that go on a picklist. TRANSACTION_TEMP_ID identifies the corresponding record in the MTL_MATERIAL_TRANSACTIONS_TEMP table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_MOVEORDER_LINES	LINE_ID	LINE_ID
CSP_PICKLIST_HEADERS	PICKLIST_HEADER_ID	PICKLIST_HEADER_ID
MTL_TXN_REQUEST_LINES	LINE_ID	LINE_ID

Column Descriptions

Name	Null?	Type	Description
PICKLIST_LINE_ID (PK)	NOT NULL	NUMBER(35)	Picklist line unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
PICKLIST_LINE_NUMBER	NOT NULL	NUMBER(35)	Picklist line number
PICKLIST_HEADER_ID	NOT NULL	NUMBER(35)	Picklist unique identifier
LINE_ID	NOT NULL	NUMBER(35)	Moveorder line identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER(35)	Inventory item identifier
UOM_CODE	NOT NULL	VARCHAR2(3)	Unit of measure
REVISION	NULL	VARCHAR2(3)	Item revision
QUANTITY_PICKED	NOT NULL	NUMBER(35)	Quantity picked
TRANSACTION_TEMP_ID	NOT NULL	NUMBER(35)	Temporary transaction 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
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column

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ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_PICKLIST_LINES_N1	NOT UNIQUE	1	PICKLIST_HEADER_ID
CSP_PICKLIST_LINES_N2	NOT UNIQUE	1	LINE_ID
CSP_PICKLIST_LINES_N3	NOT UNIQUE	1	TRANSACTION_TEMP_ID
CSP_PICKLIST_LINES_U1	UNIQUE	1	PICKLIST_LINE_ID

Sequences

Sequence	Derived Column
CSP_PICKLIST_LINES_S1	PICKLIST_LINE_ID

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CSP_PICKLIST_SERIAL_LOTS

CSP_PICKLIST_SERIAL_LOTS stores information on which serial and lot numbers that was picked.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_PICKLIST_LINES	PICKLIST_LINE_ID	PICKLIST_LINE_ID
MTL_LOT_NUMBERS	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER
MTL_SERIAL_NUMBERS	CURRENT_ORGANIZATION_ID INVENTORY_ITEM_ID SERIAL_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID SERIAL_NUMBER

Column Descriptions

Name	Null?	Type	Description
PICKLIST_SERIAL_LOT_ID (PK)	NOT NULL	NUMBER(35)	Picklist serial and lot unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
PICKLIST_LINE_ID	NOT NULL	NUMBER(35)	Picklist line identifier
ORGANIZATION_ID	NOT NULL	NUMBER(35)	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER(35)	Inventory item identifier
QUANTITY	NOT NULL	NUMBER(35)	Quantity
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial number

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_PICKLIST_SERIAL_LOTS_N1	NOT UNIQUE	1	PICKLIST_LINE_ID
CSP_PICKLIST_SERIAL_LOTS_N2	NOT UNIQUE	1 2 3	ORGANIZATION_ID INVENTORY_ITEM_ID SERIAL_NUMBER
CSP_PICKLIST_SERIAL_LOTS_N3	NOT UNIQUE	1 2 3	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER
CSP_PICKLIST_SERIAL_LOTS_U1	UNIQUE	1	PICKLIST_SERIAL_LOT_ID

Sequences

Sequence	Derived Column
CSP_PICKLIST_SERIAL_LOTS_S1	PICKLIST_SERIAL_LOT_ID

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CSP_REP_HIERARCHIES

CSP_REP_HIERARCHIES stores information about the hierarchies that can be used to search for items in specific geographical areas. PARENT_NODE_ID identifies the parent of a node in the hierarchy. TOP_NODE_ID identifies the top node in the hierarchy. There is no restriction to how many hierarchies that can be defined.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_REP_HIERARCHIES	HIERARCHY_NODE_ID	TOP_NODE_ID
CSP_REP_HIERARCHIES	HIERARCHY_NODE_ID	PARENT_NODE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
NODE_TYPE	CSP_NODE_TYPE RH	FND_LOOKUPS Reporting Hierarchy

Column Descriptions

Name	Null?	Type	Description
HIERARCHY_NODE_ID (PK)	NOT NULL	NUMBER(35)	Reporting hierarchy node unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
NODE_TYPE	NOT NULL	VARCHAR2(30)	Node type. ”RH” is only value used.
NODE_NAME	NOT NULL	VARCHAR2(30)	Name of reporting hierarchy node
TOP_NODE_ID	NOT NULL	NUMBER(35)	Top node identifier
PARENT_NODE_ID	NULL	NUMBER(35)	Parent node identifier
ORGANIZATION_ID	NULL	NUMBER(35)	Organization 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

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ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_REP_HIERARCHIES_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	NODE_NAME
CSP_REP_HIERARCHIES_N2	NOT UNIQUE	1	PARENT_NODE_ID
CSP_REP_HIERARCHIES_U1	UNIQUE	1	HIERARCHY_NODE_ID

Sequences

Sequence	Derived Column
CSP_REP_HIERARCHIES_S1	HIERARCHY_NODE_ID

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CSP_RESOURCE_DEFAULT_INV_LOC_V

The view is used to retrieve the Part In or Part Out subinventories assigned to a Resource in a loop. The Where clause must specify whether the view should return Part In default subinventory or the Part Out default subinventory.

View Definition

```
    CREATE VIEW CSP_RESOURCE_DEFAULT_INV_LOC_V
      as SELECT
            cila.resource_id,
            cila.resource_type,
            cila.subinventory_code,
            cila.default_code,
            csi.parts_loop_id,
            cila.organization_id,
            cila.effective_date_start,
            cila.effective_date_end
     from   csp_inv_loc_assignments cila,
            csp_sec_inventories csi
       Where        csi.scondary_inventory_name = cila.subinventory_code
    and     csi.organization_id = cila.organization_id
    and     cila.default_code in ('IN','OUT')
```

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID	NULL	NUMBER(35)	Resource identifier
RESOURCE_TYPE	NULL	VARCHAR2(10)	Resource type
SUBINVENOTRY_CODE	NULL	VARCHAR2(30)	Subinventory name
DEFAULT_CODE	NULL	VARCHAR2(10)	Default code
PARTS_LOOP_ID	NULL	NUMBER(35)	Parts loop identifier
ORGANIZATION_ID	NULL	NUMBER(35)	Organization identifier
EFFECTIVE_DATE_START	NULL	DATE	Effective from this date
EFFECTIVE_DATE_END	NULL	DATE	Effective through this date

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CSP_RESOURCE_INV_LOC_V

The view is used to view all the move orders and their statuses for a given Service Request and / or Task Id.

View Definition

```
CREATE VIEW CSP_RESOURCE_INV_LOC_V
  as SELECT
        cila.resource_id,
        cila.resource_type,
        cila.subinventory_code,
        csi.condition_type,
        cila.organization_id,
        cila.effective_date_start,
        cila.effective_date_end
 from   csp_inv_loc_assignments cila,
        csp_sec_inventories csi
   Where        csi.organization_id = cila.organization_id
and     csi.secondary_inventory_name = cila.subinventory_code
and     csi.condition_type in ('G','B')
```

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID	NULL	NUMBER(35)	Resource identifier
RESOURCE_TYPE	NULL	VARCHAR2(10)	Resrouce type
SUBINVENTORY_CODE	NULL	VARCHAR2(30)	Subinventory name
INV_LOC_TYPE	NULL	VARCHAR2(10)	Condition type of subinventory
ORGANIZATION_ID	NULL	NUMBER(35)	Organization identifier
EFFECTIVE_DATE_START	NULL	DATE	Effective from this date
EFFECTIVE_DATE_END	NULL	DATE	Effective through this date

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CSP_SEC_INVENTORIES

CSP_SEC_INVENTORIES identifies the subinventories that are related to parts loops and reporting hierarhies. LOCATION_ID identifies the address for this subinventory. CONDITION_TYPE identifies the condition of parts being stored in this subinventory. AUTORECEIPT_FLAG shows if this subinventory will allow ordered parts to be received automatically or not. SPARES_LOCATION_FLAG shows if this subinventory stores spares parts or not.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_PARTS_LOOPS_B	PARTS_LOOP_ID	PARTS_LOOP_ID
CSP_REP_HIERARCHIES	HIERARCHY_NODE_ID	HIERARCHY_NODE_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SECONDARY_INVENTORY_NAME ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CONDITION_TYPE	CSP_CONDITION_TYPE	FND_LOOKUPS
	B	Bad
	G	Good

Column Descriptions

Name	Null?	Type	Description
SECONDARY_INVENTORY_ID (PK)	NOT NULL	NUMBER(35)	Secondary inventory unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
ORGANIZATION_ID	NOT NULL	NUMBER(35)	Organization identifier
PARTS_LOOP_ID	NULL	NUMBER(35)	Parts loop identifier
HIERARCHY_NODE_ID	NULL	NUMBER(35)	Rerpoting hierarchy node identifier
SECONDARY_INVENTORY_NAME	NOT NULL	VARCHAR2(10)	Subinventory identifier
LOCATION_ID	NOT NULL	NUMBER(35)	Location identifier
CONDITION_TYPE	NOT NULL	VARCHAR2(30)	Condition type. G=Good parts B=Bad parts
AUTORECEIPT_FLAG	NOT NULL	VARCHAR2(30)	Autoreceipt. Y=Autoreceipt N=Manual receipt
SPARES_LOCATION_FLAG	NOT NULL	VARCHAR2(30)	Subinventory carries spare parts Y/N
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield Structure Defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield Segment Column

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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

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_SEC_INVENTORIES_N1	NOT UNIQUE	1	SECONDARY_INVENTORY_NAME
CSP_SEC_INVENTORIES_N2	NOT UNIQUE	1	PARTS_LOOP_ID
CSP_SEC_INVENTORIES_N3	NOT UNIQUE	1	HIERARCHY_NODE_ID
CSP_SEC_INVENTORIES_N4	NOT UNIQUE	1	LOCATION_ID
CSP_SEC_INVENTORIES_U1	UNIQUE	1	SECONDARY_INVENTORY_ID

Sequences

Sequence	Derived Column
CSP_SEC_INVENTORIES_S1	SECONDARY_INVENTORY_ID

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CSP_USAGE_HISTORIES

CSP_USAGE_HISTORIES stores the information generated by the concurrent program ”Create Usage History”. This is summarized information for usage transactions and sales order transactions. Information for all service parts in all levels of reporting hierarchies and parts loops is stored. The information is also generated for the 2 period types supported. TRANSACTION_TYPE_ID identifies the transaction type.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CSP_PARTS_LOOPS_B	PARTS_LOOP_ID	PARTS_LOOP_ID
CSP_REP_HIERARCHIES	HIERARCHY_NODE_ID	HIERARCHY_NODE_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID SUBINVENTORY_CODE
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_TRANSACTION_TYPES	TRANSACTION_TYPE_ID	TRANSACTION_TYPE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PERIOD_TYPE	CSP_PERIOD_TYPE	FND_LOOKUPS
	1	Weekly
	2	Periodic

Column Descriptions

Name	Null?	Type	Description
USAGE_ID (PK)	NOT NULL	NUMBER(35)	Usage history unique identifier
CREATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(35)	Standard Who column – with user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(35)	Standard Who column
REQUEST_ID	NULL	NUMBER(35)	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(35)	Standard Who column
PROGRAM_ID	NULL	NUMBER(35)	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
INVENTORY_ITEM_ID	NOT NULL	NUMBER(35)	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER(35)	Organization identifier
HIERARCHY_NODE_ID	NULL	NUMBER(35)	Reporting hierarchy node identifier
PARTS_LOOP_ID	NULL	NUMBER(35)	Parts loop identifier
SUBINVENTORY_CODE	NULL	VARCHAR2(30)	Subinventory identifier
PERIOD_TYPE	NOT NULL	VARCHAR2(30)	Period type. 1=Weekly 2=Periodic
PERIOD_START_DATE	NULL	DATE	Period start date
TRANSACTION_TYPE_ID	NULL	NUMBER(35)	Transaction type identifier
QUANTITY	NOT NULL	NUMBER(35)	Quantity
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield Structure Defining column

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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

Indexes

Index Name	Index Type	Sequence	Column Name
CSP_USAGE_HISTORIES_N1	NOT UNIQUE	1	PARTS_LOOP_ID
CSP_USAGE_HISTORIES_N2	NOT UNIQUE	1	HIERARCHY_NODE_ID
CSP_USAGE_HISTORIES_N3	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
CSP_USAGE_HISTORIES_N4	NOT UNIQUE	1	ORGANIZATION_ID
		2	SUBINVENTORY_CODE
CSP_USAGE_HISTORIES_U1	UNIQUE	1	USAGE_ID

Sequences

Sequence	Derived Column
CSP_USAGE_HISTORIES_S1	USAGE_ID

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MTL_ITEM_LOCATIONS

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

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

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
INVENTORY_LOCATION_ID (PK)	NOT NULL	NUMBER	Inventory locator identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(50)	Locator description
DESCRIPTIVE_TEXT	NULL	VARCHAR2(240)	Locator descriptive text
DISABLE_DATE	NULL	DATE	Disable date
INVENTORY_LOCATION_TYPE	NULL	NUMBER	(no longer used)
PICKING_ORDER	NULL	NUMBER	Picking order
PHYSICAL_LOCATION_CODE	NULL	VARCHAR2(10)	(no longer used)
LOCATION_MAXIMUM_UNITS	NULL	NUMBER	Locator maximum unit
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory name
LOCATION_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	Locator weight UOM code
MAX_WEIGHT	NULL	NUMBER	Locator maximum weight
VOLUME_UOM_CODE	NULL	VARCHAR2(3)	Locator volume UOM code
MAX_CUBIC_AREA	NULL	NUMBER	Locator maximum cubic area
X_COORDINATE	NULL	NUMBER	(no longer used)
Y_COORDINATE	NULL	NUMBER	(no longer used)
Z_COORDINATE	NULL	NUMBER	(no longer used)
INVENTORY_ACCOUNT_ID	NULL	NUMBER	(not currently used)
SEGMENT1	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT2	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT3	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT4	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT5	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT6	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT7	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT8	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT9	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT10	NULL	VARCHAR2(40)	Key flexfield segment

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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	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_LOCATIONS_N1	NOT UNIQUE	1	SEGMENT1
MTL_ITEM_LOCATIONS_N2	NOT UNIQUE	1	SEGMENT2

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MTL_ITEM_LOCATIONS_N3	NOT UNIQUE	1	SEGMENT3
MTL_ITEM_LOCATIONS_U1	UNIQUE	1	INVENTORY_LOCATION_ID
		2	ORGANIZATION_ID

Sequences

Sequence	Derived Column
MTL_ITEM_LOCATIONS_S	INVENTORY_LOCATION_ID

Database Triggers

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

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

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MTL_ITEM_SUB_INVENTORIES

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

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

Foreign Keys

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

QuickCodes Columns

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

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
SECONDARY_INVENTORY (PK)	NOT NULL	VARCHAR2(10)	Subinventory name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
PRIMARY_SUBINVENTORY_FLAG	NULL	NUMBER	Primary / secondary type code
PICKING_ORDER	NULL	NUMBER	Picking order
MIN_MINMAX_QUANTITY	NULL	NUMBER	Subinventory–level minmax planning minimum quantity
MAX_MINMAX_QUANTITY	NULL	NUMBER	Subinventory–level minmax planning maximum quantity
INVENTORY_PLANNING_CODE	NOT NULL	NUMBER	Item planning method
FIXED_LOT_MULTIPLE	NULL	NUMBER	Subinventory–level fixed lot multiple
MINIMUM_ORDER_QUANTITY	NULL	NUMBER	Subinventory–level minimum order quantity
MAXIMUM_ORDER_QUANTITY	NULL	NUMBER	Subinventory–level maximum order quantity

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SOURCE_TYPE	NULL	NUMBER	Inventory or supplier source type
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Organization to source items from
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory to source items from
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account
PREPROCESSING_LEAD_TIME	NULL	NUMBER	Pre–processing lead time
PROCESSING_LEAD_TIME	NULL	NUMBER	Processing lead time
POSTPROCESSING_LEAD_TIME	NULL	NUMBER	Post–processing lead time

Indexes

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

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MTL_LOT_NUMBERS

MTL_LOT_NUMBERS stores the definition and expiration date of all lot numbers in inventory.

Since the primary key consists of LOT_NUMBER, ORGANIZATION_ID, and INVENTORY_ITEM_ID, a lot number could exist in more than one organization or for different items.

Foreign Keys

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

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DISABLE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LOT_NUMBER (PK)	NOT NULL	VARCHAR2(30)	Lot number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
EXPIRATION_DATE	NULL	DATE	Lot expiration date
DISABLE_FLAG	NULL	NUMBER	Disable flag
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column

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PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
GEN_OBJECT_ID	NULL	NUMBER	Genealogy object identifier
DESCRIPTION	NULL	VARCHAR2(256)	(For future use only)
VENDOR_NAME	NULL	VARCHAR2(80)	(For future use only)
SUPPLIER_LOT_NUMBER	NULL	VARCHAR2(150)	(For future use only)
COUNTRY_OF_ORIGIN	NULL	VARCHAR2(30)	(For future use only)
GRADE_CODE	NULL	VARCHAR2(150)	(For future use only)
ORIGINATION_DATE	NULL	DATE	(For future use only)
DATE_CODE	NULL	VARCHAR2(150)	(For future use only)
STATUS_ID	NULL	NUMBER	
CHANGE_DATE	NULL	DATE	(For future use only)
AGE	NULL	NUMBER	(For future use only)
RETEST_DATE	NULL	DATE	(For future use only)
MATURITY_DATE	NULL	DATE	(For future use only)
LOT_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	(For future use only)
ITEM_SIZE	NULL	NUMBER	(For future use only)
COLOR	NULL	VARCHAR2(150)	(For future use only)
VOLUME	NULL	NUMBER	(For future use only)
VOLUME_UOM	NULL	VARCHAR2(3)	(For future use only)
PLACE_OF_ORIGIN	NULL	VARCHAR2(150)	(For future use only)
KILL_DATE	NULL	DATE	(For future use only)
BEST_BY_DATE	NULL	DATE	(For future use only)
LENGTH	NULL	NUMBER	(For future use only)
LENGTH_UOM	NULL	VARCHAR2(3)	(For future use only)
RECYCLED_CONTENT	NULL	NUMBER	(For future use only)
THICKNESS	NULL	NUMBER	(For future use only)
THICKNESS_UOM	NULL	VARCHAR2(3)	(For future use only)
WIDTH	NULL	NUMBER	(For future use only)
WIDTH_UOM	NULL	VARCHAR2(3)	(For future use only)
CURL_WRINKLE_FOLD	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE1	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE2	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE3	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE4	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE5	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE6	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE7	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE8	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE9	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE10	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE11	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE12	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE13	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE14	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE15	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE16	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE17	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE18	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE19	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE20	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE21	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE22	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE23	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE24	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE25	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE26	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE27	NULL	VARCHAR2(150)	(For future use only)

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C_ATTRIBUTE28                  NULL  VARCHAR2(150)  (For future use only)
C_ATTRIBUTE29                  NULL  VARCHAR2(150)  (For future use only)
C_ATTRIBUTE30                  NULL  VARCHAR2(150)  (For future use only)
D_ATTRIBUTE1                   NULL  DATE          (For future use only)
D_ATTRIBUTE2                   NULL  DATE          (For future use only)
D_ATTRIBUTE3                   NULL  DATE          (For future use only)
D_ATTRIBUTE4                   NULL  DATE          (For future use only)
D_ATTRIBUTE5                   NULL  DATE          (For future use only)
D_ATTRIBUTE6                   NULL  DATE          (For future use only)
D_ATTRIBUTE7                   NULL  DATE          (For future use only)
D_ATTRIBUTE8                   NULL  DATE          (For future use only)
D_ATTRIBUTE9                   NULL  DATE          (For future use only)
D_ATTRIBUTE10                  NULL  DATE          (For future use only)
D_ATTRIBUTE11                  NULL  DATE          (For future use only)
D_ATTRIBUTE12                  NULL  DATE          (For future use only)
D_ATTRIBUTE13                  NULL  DATE          (For future use only)
D_ATTRIBUTE14                  NULL  DATE          (For future use only)
D_ATTRIBUTE15                  NULL  DATE          (For future use only)
D_ATTRIBUTE16                  NULL  DATE          (For future use only)
D_ATTRIBUTE17                  NULL  DATE          (For future use only)
D_ATTRIBUTE18                  NULL  DATE          (For future use only)
D_ATTRIBUTE19                  NULL  DATE          (For future use only)
D_ATTRIBUTE20                  NULL  DATE          (For future use only)
N_ATTRIBUTE1                   NULL  NUMBER        (For future use only)
N_ATTRIBUTE2                   NULL  NUMBER        (For future use only)
N_ATTRIBUTE3                   NULL  NUMBER        (For future use only)
N_ATTRIBUTE4                   NULL  NUMBER        (For future use only)
N_ATTRIBUTE5                   NULL  NUMBER        (For future use only)
N_ATTRIBUTE6                   NULL  NUMBER        (For future use only)
N_ATTRIBUTE7                   NULL  NUMBER        (For future use only)
N_ATTRIBUTE8                   NULL  NUMBER        (For future use only)
N_ATTRIBUTE9                   NULL  NUMBER
N_ATTRIBUTE10                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE11                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE12                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE13                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE14                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE15                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE16                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE17                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE18                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE19                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE20                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE21                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE22                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE23                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE24                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE25                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE26                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE27                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE28                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE29                  NULL  NUMBER        (For future use only)
N_ATTRIBUTE30                  NULL  NUMBER        (For future use only)
```

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Indexes

Index Name	Index Type	Sequence	Column Name
MTL_LOT_NUMBERS_N1	NOT UNIQUE	1	LOT_NUMBER
MTL_LOT_NUMBERS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	LOT_NUMBER
MTL_LOT_NUMBERS_U2	UNIQUE	5	GEN_OBJECT_ID

Sequences

Sequence	Derived Column
MTL_GEN_OBJECT_ID_S	GEN_OBJECT_ID

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MTL_MATERIAL_TRANSACTIONS

MTL_MATERIAL_TRANSACTIONS stores a record of every material transaction or cost update performed in Inventory.

Records are inserted into this table either through the transaction processor or by the standard cost update program. The columns TRANSACTION_TYPE_ID, TRANSACTION_ACTION_ID, TRANSACTION_SOURCE_TYPE_ID, TRANSACTION_SOURCE_ID and TRANSACTION_SOURCE_NAME describe what the transaction is and against what entity it was performed.

All accounting journal entries for a given transaction are stored in MTL_TRANSACTION_ACCOUNTS, joined by the column TRANSACTION_ID.

If the item is under lot control then the lot records are stored in MTL_TRANSACTION_LOT_NUMBERS, joined by the column TRANSACTION_ID. If the item is under serial control then the serial records are stored in MTL_UNIT_TRANSACTIONS, joined by the column TRANSACTION_ID. The Item revision and locator control are stored in the columns REVISION and LOCATOR_ID respectively.

Transfer transactions are represented as two single records in the table. They are related through the column TRANSFER_TRANSACTION_ID, which contains the TRANSACTION_ID of the other transaction in the transfer.

The index MTL_MATERIAL_TRANSACTIONS_UPGD is used only during install and upgrade, and will be dropped during the course thereof, but is included here for completeness.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	TRANSFER_COST_GROUP_ID
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TRANSFER_COST_DIST_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TRANSPORTATION_DIST_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DISTRIBUTION_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ENCUMBRANCE_ACCOUNT
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	CURRENCY_CODE
MTL_CYCLE_COUNT_ENTRIES	CYCLE_COUNT_ENTRY_ID	CYCLE_COUNT_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION ORGANIZATION_ID INVENTORY_ITEM_ID	REVISION ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_PHYSICAL_ADJUSTMENTS	ADJUSTMENT_ID	PHYSICAL_ADJUSTMENT_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_CODE ORGANIZATION_ID
MTL_SO_RMA_INTERFACE	RMA_LINE_ID	RMA_LINE_ID
MTL_SO_RMA_INTERFACE	RMA_LINE_ID	TRX_SOURCE_LINE_ID

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MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_TRANSACTION_TYPES	TRANSACTION_TYPE_ID	TRANSACTION_TYPE_ID
MTL_TXN_REQUEST_LINES	HEADER_ID	TRANSACTION_SOURCE_ID
MTL_TXN_REQUEST_LINES	LINE_ID	MOVE_ORDER_LINE_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TRANSACTION_SOURCE_TYPE_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	TRANSACTION_UOM
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID
RCV_TRANSACTIONS	TRANSACTION_ID	RCV_TRANSACTION_ID
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	TRANSACTION_SOURCE_ID
WIP_FLOW_SCHEDULES	WIP_ENTITY_ID	TRANSACTION_SOURCE_ID
WIP_MOVE_TRANSACTIONS	TRANSACTION_ID	MOVE_TRANSACTION_ID
WIP_REPETITIVE_ITEMS	WIP_ENTITY_ID LINE_ID	TRANSACTION_SOURCE_ID REPETITIVE_LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TRANSACTION_ACTION_ID	MTL_TRANSACTION_ACTION	MFG_LOOKUPS
	1	Issue from stores
	12	Intransit receipt
	2	Subinventory transfer
	21	Intransit shipment
	24	Cost update
	27	Receipt into stores
	28	Staging transfer
	29	Delivery adjustments
	3	Direct organization transfer
	30	WIP scrap transaction
	31	Assembly completion
	32	Assembly return
	4	Cycle count adjustment
	8	Physical inventory adjust-ment

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
REVISION	NULL	VARCHAR2(3)	Inventory item revision
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Transaction secondary inventory
LOCATOR_ID	NULL	NUMBER	Locator id for stock locators
TRANSACTION_TYPE_ID	NOT NULL	NUMBER	Transaction type identifier
TRANSACTION_ACTION_ID	NOT NULL	NUMBER	Transaction action identifier

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TRANSACTION_SOURCE_TYPE_ID	NOT NULL	NUMBER	Transaction source type identifier
TRANSACTION_SOURCE_ID	NULL	NUMBER	Transaction source identifier
TRANSACTION_SOURCE_NAME	NULL	VARCHAR2(30)	Transaction source identfier
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity
TRANSACTION_UOM	NOT NULL	VARCHAR2(3)	Transaction unit of measure
PRIMARY_QUANTITY	NOT NULL	NUMBER	Transaction quantity in terms of primary uom of the item
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
VARIANCE_AMOUNT	NULL	NUMBER	Used for average cost update transactions
ACCT_PERIOD_ID	NULL	NUMBER	Accounting period identifier
TRANSACTION_REFERENCE	NULL	VARCHAR2(240)	Transaction reference code
REASON_ID	NULL	NUMBER	Transaction reason identifier
DISTRIBUTION_ACCOUNT_ID	NULL	NUMBER	Distribution account identifier
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account identifier for PO transactions
ENCUMBRANCE_AMOUNT	NULL	NUMBER	Total encumbrance amount
COST_UPDATE_ID	NULL	NUMBER	Cost identifier
COSTED_FLAG	NULL	VARCHAR2(1)	Costed flag to mark if the transactions are costed or not
TRANSACTION_GROUP_ID	NULL	NUMBER	Transaction group iIdentifier for distribution processing by the cost processor
INVOICED_FLAG	NULL	VARCHAR2(1)	Invoiced flag to mark if the transactions are invoiced
ACTUAL_COST	NULL	NUMBER	Actual cost
TRANSACTION_COST	NULL	NUMBER	The cost entered by the user during a transaction
PRIOR_COST	NULL	NUMBER	Item cost before the transaction
NEW_COST	NULL	NUMBER	Item cost after the transaction processing
CURRENCY_CODE	NULL	VARCHAR2(10)	Currency conversion code
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency conversion type
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency conversion date
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	ussgl transaction code
QUANTITY_ADJUSTED	NULL	NUMBER	Standard cost quantity adjusted
EMPLOYEE_CODE	NULL	VARCHAR2(10)	Transaction requestor
DEPARTMENT_ID	NULL	NUMBER	Department identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number within a routing
MASTER_SCHEDULE_UPDATE_CODE	NULL	VARCHAR2(10)	Master schedule update code
RECEIVING_DOCUMENT	NULL	VARCHAR2(10)	Receiving document
PICKING_LINE_ID	NULL	NUMBER	Picking line id
TRX_SOURCE_LINE_ID	NULL	NUMBER	Line level transaction source id
TRX_SOURCE_DELIVERY_ID	NULL	NUMBER	Sales order delivery identifier
REPETITIVE_LINE_ID	NULL	NUMBER	Repetitive line id
PHYSICAL_ADJUSTMENT_ID	NULL	NUMBER	Physical adjustment identifier
CYCLE_COUNT_ID	NULL	NUMBER	Cycle count identifier
RMA_LINE_ID	NULL	NUMBER	Rma line identifier
TRANSFER_TRANSACTION_ID	NULL	NUMBER	Transaction id of the opposing transfer transaction
TRANSACTION_SET_ID	NULL	NUMBER	Transaction group identifier
RCV_TRANSACTION_ID	NULL	NUMBER	Receiving transaction cross reference
MOVE_TRANSACTION_ID	NULL	NUMBER	Move transaction cross reference

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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
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

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EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Oracle Projects related expenditure type
ERROR_CODE	NULL	VARCHAR2(240)	Error Code
ERROR_EXPLANATION	NULL	VARCHAR2(240)	Error explanation
PRIOR_COSTED_QUANTITY	NULL	NUMBER	Costed quantity before this transaction
TRANSFER_PRIOR_COSTED_QUANTITY	NULL	NUMBER	Transfer quantity costed before this transaction
FINAL_COMPLETION_FLAG	NULL	VARCHAR2(1)	Indicates if job costs need to be flushed out for this discrete jobcompletion
PM_COST_COLLECTED	NULL	VARCHAR2(1)	Specifies whether the row has been interfaced to Oracle Projects
PM_COST_COLLECTOR_GROUP_ID	NULL	NUMBER	Group identifier used by cost collector to process group of records.
SHIPMENT_COSTED	NULL	VARCHAR2(1)	Indicates if the shipment transaction has been processed by the cost worker
TRANSFER_PERCENTAGE	NULL	NUMBER	Percentage of value to attribute to transfer costs in an Inter–Orgtransfer
MATERIAL_ACCOUNT	NULL	NUMBER	Specifies the material account
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	Specifies the material overhead account
RESOURCE_ACCOUNT	NULL	NUMBER	Specifies the resource account
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	Specifies the acount to be charged for outside processing
OVERHEAD_ACCOUNT	NULL	NUMBER	Specifies the overhead account
COST_GROUP_ID	NULL	NUMBER	Cost group identifier
TRANSFER_COST_GROUP_ID	NULL	NUMBER	Transfer cost group identifier
FLOW_SCHEDULE	NULL	VARCHAR2(1)	Specifies whether the WIP transaction is a flow or a schedule type transaction
QA_COLLECTION_ID	NULL	NUMBER	Quality Results Identifier
OVERCOMPLETION_TRANSACTION_QTY	NULL	NUMBER	Overcompletion transaction quantity
OVERCOMPLETION_PRIMARY_QTY	NULL	NUMBER	Overcompletion Primary quantity
OVERCOMPLETION_TRANSACTION_ID	NULL	NUMBER	Overcompletion transaction Identifier
MVT_STAT_STATUS	NULL	VARCHAR2(240)	Flag to indicate that the transaction is updated/processed/new
COMMON_BOM_SEQ_ID	NULL	NUMBER	BOM identifier of common bill
COMMON_ROUTING_SEQ_ID	NULL	NUMBER	Routing identifier of common routing
ORG_COST_GROUP_ID	NULL	NUMBER	organization’s cost group id
COST_TYPE_ID	NULL	NUMBER	cost type id
PERIODIC_PRIMARY_QUANTITY	NULL	NUMBER	transaction quantity converted to primary uom of the transfer organization in case of periodic costing
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

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Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_TRANSACTIONS_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N10	NOT UNIQUE	1	COSTED_FLAG
		3	TRANSACTION_GROUP_ID
MTL_MATERIAL_TRANSACTIONS_N11	NOT UNIQUE	2	INVOICED_FLAG
MTL_MATERIAL_TRANSACTIONS_N12	NOT UNIQUE	1	TRANSACTION_SET_ID
MTL_MATERIAL_TRANSACTIONS_N13	NOT UNIQUE	2	PM_COST_COLLECTED
		4	PM_COST_COLLECTOR_GROUP_ID
MTL_MATERIAL_TRANSACTIONS_N14	NOT UNIQUE	2	COMPLETION_TRANSACTION_ID
MTL_MATERIAL_TRANSACTIONS_N15	NOT UNIQUE	1	TRANSACTION_ACTION_ID
		2	TRANSACTION_TYPE_ID
		3	TRANSACTION_SOURCE_TYPE_ID
		4	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N2	NOT UNIQUE	1	TRANSACTION_SOURCE_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N3	NOT UNIQUE	1	SUBINVENTORY_CODE
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N4	NOT UNIQUE	1	VENDOR_LOT_NUMBER
MTL_MATERIAL_TRANSACTIONS_N5	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N6	NOT UNIQUE	1	SHIPMENT_NUMBER
MTL_MATERIAL_TRANSACTIONS_N7	NOT UNIQUE	1	ACCT_PERIOD_ID
		2	ORGANIZATION_ID
MTL_MATERIAL_TRANSACTIONS_N8	NOT UNIQUE	1	TRANSACTION_SOURCE_TYPE_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
		4	TRANSACTION_SOURCE_NAME
MTL_MATERIAL_TRANSACTIONS_N9	NOT UNIQUE	1	TRANSACTION_ACTION_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_TYPE_ID
		4	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_U1	UNIQUE	1	TRANSACTION_ID
MTL_MATERIAL_TRANSACTIONS_U2	UNIQUE	1	TRANSACTION_ACTION_ID
		2	TRANSACTION_TYPE_ID
		3	TRANSACTION_SOURCE_TYPE_ID
		4	TRANSACTION_ID

Sequences

Sequence	Derived Column
MTL_MATERIAL_TRANSACTIONS_S	TRANSACTION_ID

Database Triggers

Trigger Name : AX_MTL_MAT_TRANS_ARI1
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : INSERT

This trigger captures information needed to create subledger accounting events when Oracle Inventory and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger captures accounting events related to Oracle Inventory cost updates. It fires right after the cost update program create a cost update for an inventory transaction. This trigger populates the AX_EVENTS table.

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```
Trigger Name    : AX_MTL_MAT_TRANS_BRU1
Trigger Time    : BEFORE
Trigger Level   : ROW
Trigger Event   : UPDATE

This trigger captures information needed to create subledger accounting events when Oracle
Inventory and the set of books used is defined as a subledger in the Global Accounting Engine
application.  This trigger captures accounting events related to Oracle Inventory material
transactions.  It executes when the inventory transaction is processed by the cost processor.
This trigger populates the AX_EVENTS table.

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

This trigger is on the COSTED_FLAG column of MTL_MATERIAL_TRANSACTIONS.  It calls a PL/SQL
package to update MTL_TRANSCATION_ACCOUNTS.REFERENCE_ACCOUNT with the value in
MTL_MATERIAL_TRANSACTIONS.DISTRIBUTION_ACCOUNT_ID.  This trigger is installed and active only
if you have installed Asia/Pacific Localizations (JA).
```

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MTL_MATERIAL_TRANSACTIONS_TEMP

MTL_MATERIAL_TRANSACTIONS_TEMP is the gateway for all material transactions.

Records are processed from this table into Inventory through the transaction processor. All Inventory transaction forms write directly to this table. Outside applications must write transaction records to MTL_TRANSACTIONS_INTERFACE to be processed through MTL_MATERIAL_TRANSACTIONS_TEMP and the transaction processor by the Transaction Worker concurrent program.

Lots and serial numbers for a MTL_MATERIAL_TRANSACTIONS_TEMP(MMTT) record are stored in the tables MTL_TRANSACTION_LOTS_TEMP(MTLT) and MTL_SERIAL_NUMBERS_TEMP(MSNT). If the item is under lot control, then MMTT.TRANSACTION_TEMP_ID joins to MTLT.TRANSACTION_TEMP_ID. If the item is also under serial number control, then MTLT.SERIAL_TRANSACTION_TEMP_ID joins to MSNT.TRANSACTION_TEMP_ID. If the item is only under serial number control, then MMTT.TRANSACTION_TEMP_ID joins to MSNT.TRANSACTION_TEMP_ID.

Transfer transactions are stored in this table as a single record. The transaction processor creates two transactions from the single record.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DISTRIBUTION_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TRANSPORTATION_ACCOUNT
MTL_GENERIC_DISPOSITIONS	DISPOSITION_ID ORGANIZATION_ID	TRANSACTION_SOURCE_TYPE_ID ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	TRANSFER_TO_LOCATION TRANSFER_ORGANIZATION
MTL_ITEM_REVISIONS	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_RESERVATIONS	RESERVATION_ID	RESERVATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_CODE ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	TRANSFER_SUBINVENTORY TRANSFER_ORGANIZATION
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_TXN_REQUEST_LINES	LINE_ID	MOVE_ORDER_LINE_ID
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID
RCV_TRANSACTIONS	TRANSACTION_ID	RCV_TRANSACTION_ID
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	TRANSACTION_SOURCE_ID
WIP_FLOW_SCHEDULES	WIP_ENTITY_ID	TRANSACTION_SOURCE_ID
WIP_MOVE_TRANSACTIONS	TRANSACTION_ID	MOVE_TRANSACTION_ID

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WIP_REPETITIVE_ITEMS	LINE_ID	REPETITIVE_LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
SETUP_TEARDOWN_CODE	WIP_SETUP_TEARDOWN	MFG_LOOKUPS
	1	Normal issue/receipt
TRANSACTION_SOURCE_TYPE_ID	MTL_DISPOSITION	MFG_LOOKUPS
	1	Purchase order
	2	Sales order
	3	Account number
	4	Job or schedule
	5	Job or schedule
	6	Account alias

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_HEADER_ID (PK)	NULL	NUMBER	Transaction group identifier
TRANSACTION_TEMP_ID	NULL	NUMBER	Transaction line identifier used to join to lot or serial table when under these controls
SOURCE_CODE	NULL	VARCHAR2(30)	Source identifier
SOURCE_LINE_ID	NULL	NUMBER	Source line identifier
TRANSACTION_MODE	NULL	NUMBER	Process mode code
LOCK_FLAG	NULL	VARCHAR2(1)	Row lock flag used by Transaction Manager
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory name
LOCATOR_ID	NULL	NUMBER	Locator identifier
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Quantity entered at transaction time
PRIMARY_QUANTITY	NOT NULL	NUMBER	Transaction quantity in terms of the primary uom of the item
TRANSACTION_UOM	NOT NULL	VARCHAR2(3)	UOM used at the time of transaction
TRANSACTION_COST	NULL	NUMBER	Transaction cost
TRANSACTION_TYPE_ID	NOT NULL	NUMBER	Transaction type identifier
TRANSACTION_ACTION_ID	NOT NULL	NUMBER	Transaction action identifier
TRANSACTION_SOURCE_TYPE_ID	NOT NULL	NUMBER	Transaction source type identifier
TRANSACTION_SOURCE_ID	NULL	NUMBER	Transaction source idenfier
TRANSACTION_SOURCE_NAME	NULL	VARCHAR2(30)	Transaction source identifier
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
ACCT_PERIOD_ID	NOT NULL	NUMBER	Accounting period identifier
DISTRIBUTION_ACCOUNT_ID	NULL	NUMBER	Account identifier the transaction charged to
TRANSACTION_REFERENCE	NULL	VARCHAR2(240)	Transaction reference

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REQUISITION_LINE_ID	NULL	NUMBER	Requisition line identifier
REQUISITION_DISTRIBUTION_ID	NULL	NUMBER	Requisition distribution identifier
REASON_ID	NULL	NUMBER	Transaction reason identifier
LOT_NUMBER	NULL	VARCHAR2(30)	Lot Number
LOT_EXPIRATION_DATE	NULL	DATE	Lot expiration date
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial number
RECEIVING_DOCUMENT	NULL	VARCHAR2(10)	Receiving document
DEMAND_ID	NULL	NUMBER	Demand identifier
RCV_TRANSACTION_ID	NULL	NUMBER	Receiving transaction identifier
MOVE_TRANSACTION_ID	NULL	NUMBER	Move transaction identifier
COMPLETION_TRANSACTION_ID	NULL	NUMBER	Completion transaction identifier
WIP_ENTITY_TYPE	NULL	NUMBER	Wip entity type code
SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier
REPETITIVE_LINE_ID	NULL	NUMBER	Repetitive line identifier
EMPLOYEE_CODE	NULL	VARCHAR2(10)	Employee code
PRIMARY_SWITCH	NULL	NUMBER	Primary assembly identifier
SCHEDULE_UPDATE_CODE	NULL	NUMBER	Schedule update code
SETUP_TEARDOWN_CODE	NULL	NUMBER	Setup teardown code
ITEM_ORDERING	NULL	NUMBER	Item ordering
NEGATIVE_REQ_FLAG	NULL	NUMBER	Negative requirement flag
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number within a routing
PICKING_LINE_ID	NULL	NUMBER	Picking line id
TRX_SOURCE_LINE_ID	NULL	NUMBER	Line level transaction source identifier
TRX_SOURCE_DELIVERY_ID	NULL	NUMBER	Delivery level transaction source identifier
PHYSICAL_ADJUSTMENT_ID	NULL	NUMBER	Physical adjustment identifier
CYCLE_COUNT_ID	NULL	NUMBER	Cycle count identifier
RMA_LINE_ID	NULL	NUMBER	RMA line identifier
CUSTOMER_SHIP_ID	NULL	NUMBER	Customer shipping identifier
CURRENCY_CODE	NULL	VARCHAR2(10)	Currency code
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency conversion type
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency conversion date
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	USSGL transaction date
VENDOR_LOT_NUMBER	NULL	VARCHAR2(30)	Supplier lot number
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account identifier
ENCUMBRANCE_AMOUNT	NULL	NUMBER	Encumbrance amount
SHIP_TO_LOCATION	NULL	NUMBER	Ship to location identifier
SHIPMENT_NUMBER	NULL	VARCHAR2(30)	Intransit shipment identifier
TRANSFER_COST	NULL	NUMBER	Transfer cost
TRANSPORTATION_COST	NULL	NUMBER	Transportation cost
TRANSPORTATION_ACCOUNT	NULL	NUMBER	Transportation account
FREIGHT_CODE	NULL	VARCHAR2(25)	Freight identifier
CONTAINERS	NULL	NUMBER	Number of containers
WAYBILL_AIRBILL	NULL	VARCHAR2(20)	Waybill / Airbill
EXPECTED_ARRIVAL_DATE	NULL	DATE	Expected arrival date
TRANSFER_SUBINVENTORY	NULL	VARCHAR2(10)	Opposing subinventory identifier in transfer transactions
TRANSFER_ORGANIZATION	NULL	NUMBER	Opposing organization identifier in transfer transactions

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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
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

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ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	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
COST_GROUP_ID	NULL	NUMBER	Cost group identifier
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand Class
QA_COLLECTION_ID	NULL	NUMBER	Quality Results Identifier
KANBAN_CARD_ID	NULL	NUMBER	Kanban card identifier
OVERCOMPLETION_TRANSACTION_QTY	NULL	NUMBER	Overcompletion transaction quantity
OVERCOMPLETION_PRIMARY_QTY	NULL	NUMBER	Overcompletion Primary quantity
OVERCOMPLETION_TRANSACTION_ID	NULL	NUMBER	Overcompletion Transaction Identifier

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END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(60)	End Item Unit Number
SCHEDULED_PAYBACK_DATE	NULL	DATE	Standard Who column
LINE_TYPE_CODE	NULL	NUMBER	Line type code
PARENT_TRANSACTION_TEMP_ID	NULL	NUMBER	Parent transaction temp id
PUT_AWAY_STRATEGY_ID	NULL	NUMBER	Put away Strategy ID
PUT_AWAY_RULE_ID	NULL	NUMBER	Put away Rule ID
PICK_STRATEGY_ID	NULL	NUMBER	Pick Strategy ID
PICK_RULE_ID	NULL	NUMBER	Pick Rule ID
MOVE_ORDER_LINE_ID	NULL	NUMBER	Move order line identifier that this transaction line is tied to
TASK_GROUP_ID	NULL	NUMBER	Task group identifier for this task
PICK_SLIP_NUMBER	NULL	NUMBER	Pick Slip number for the transaction line
RESERVATION_ID	NULL	NUMBER	Reservation identifier
COMMON_BOM_SEQ_ID	NULL	NUMBER	Bill identifier of common bom used
COMMON_ROUTING_SEQ_ID	NULL	NUMBER	Routing id of the common routing used
ORG_COST_GROUP_ID	NULL	NUMBER	Organization’s cost group identifier
COST_TYPE_ID	NULL	NUMBER	Cost type
TRANSACTION_STATUS	NULL	NUMBER	Indicates if it has to be processed or just saved. NULL or 1 is default behavior. 2 is save only. 3 is ready to process
STANDARD_OPERATION_ID	NULL	NUMBER	
TASK_PRIORITY	NULL	NUMBER	
WMS_TASK_TYPE	NULL	NUMBER	(For future use only)
PARENT_LINE_ID	NULL	NUMBER	(For future use only)
SOURCE_LOT_NUMBER	NULL	VARCHAR2(30)	(For future use only)

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_TRANS_TEMP_N1	NOT UNIQUE	1	TRANSACTION_HEADER_ID
MTL_MATERIAL_TRANS_TEMP_N2	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	SUBINVENTORY_CODE
MTL_MATERIAL_TRANS_TEMP_N3	NOT UNIQUE	1	PICKING_LINE_ID
MTL_MATERIAL_TRANS_TEMP_N4	NOT UNIQUE	2	COMPLETION_TRANSACTION_ID
MTL_MATERIAL_TRANS_TEMP_N5	NOT UNIQUE	5	LINE_TYPE_CODE
MTL_MATERIAL_TRANS_TEMP_N6	NOT UNIQUE	6	PARENT_TRANSACTION_TEMP_ID
MTL_MATERIAL_TRANS_TEMP_N8	NOT UNIQUE	1	TRANSACTION_SOURCE_TYPE_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
		4	TRANSACTION_SOURCE_NAME
MTL_MATERIAL_TRANS_TEMP_U1	UNIQUE	1	TRANSACTION_TEMP_ID

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MTL_ONHAND_QUANTITIES

MTL_ONHAND_QUANTITIES stores quantity on hand information by control level and location.

MTL_ONHAND_QUANTITIES is maintained as a stack of receipt records, which are consumed by issue transactions in FIFO order. The quantity on hand of an item at any particular control level and location can be found by summing TRANSACTION_QUANTITY for all records that match the criteria. Note that any transactions which are committed to the table MTL_MATERIAL_TRANSACTIONS_TEMP are considered to be played out as far as quantity on hand is concerned in Inventory transaction forms. All our Inquiry forms and ABC compile are only based on MTL_ONHAND_QUANTITIES.

MTL_ONHAND_QUANTITIES has two columns, CREATE_TRANSACTION_ID and UPDATE_TRANSACTION_IDs to join to MTL_MATERIAL_TRANSACTIONS.TRANSACTION_ID the transactions that created the row and the transaction that last updated a row.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION ORGANIZATION_ID INVENTORY_ITEM_ID	REVISION ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_LOT_NUMBERS	LOT_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID	LOT_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	CREATE_TRANSACTION_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	UPDATE_TRANSACTION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_CODE ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
DATE_RECEIVED (PK)	NULL	DATE	Date received
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	Subinventory code
REVISION	NULL	VARCHAR2(3)	Item revision code
LOCATOR_ID	NULL	NUMBER	Locator identifier

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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 (For future use only) INVWMS

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ONHAND_QUANTITIES_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	SUBINVENTORY_CODE
MTL_ONHAND_QUANTITIES_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	SUBINVENTORY_CODE
		3	LOCATOR_ID

Sequences

Sequence	Derived Column
MTL_MATERIAL_TRANSACTIONS_S	CREATE_TRANSACTION_ID
MTL_MATERIAL_TRANSACTIONS_S	UPDATE_TRANSACTION_ID

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MTL_PARAMETERS

MTL_PARAMETERS maintains a set of default options like general ledger accounts; locator, lot, and serial controls; inter–organization options; costing method; etc. for each organization defined in Oracle Inventory.

Each organization's item master organization (MASTER_ORGANIZATION_ID) and costing organization (COST_ORGANIZATION_ID) are maintained here.

You specify which manufacturing calendar the organization will use (CALENDAR_CODE), as well as the set of exceptions to this calendar (CALENDAR_EXCEPTION_SET_ID).

NEGATIVE_INV_RECEIPT_CODE indicates whether this organization will allow negative balances in inventory. It is used in the transaction system to ensure, for example, that you do not over–issue a particular item (if you have indicated that negative balances are not allowed).

For lot number and serial number auto–generation, you can specify whether you want the numbers generated from defaults defined at theorganization level or the item level (LOT_NUMBER_GENERATION,SERIAL_NUMBER_GENERATION). You can also specify uniqueness constraints for lot numbers (LOT_NUMBER_UNIQUENESS) and serial numbers (SERIAL_NUMBER_TYPE).

Among the accounting defaults that can be defined here are valuation accounts, receiving accounts, profit and loss accounts, and inter–organization transfer accounts.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDARS	CALENDAR_CODE	CALENDAR_CODE
BOM_EXCEPTION_SETS	EXCEPTION_SET_ID	CALENDAR_EXCEPTION_SET_ID
BOM_RESOURCES	RESOURCE_ID	DEFAULT_MATERIAL_COST_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	AP_ACCRUAL_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	COST_OF_SALES_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTERORG_RECEIVABLES_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTERORG_PAYABLES_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTERORG_PRICE_VAR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTRANSIT_INV_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATL_OVHD_ABSORPTION_ACCT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_ACCOUNT

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GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROCESSING_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	PURCHASE_PRICE_VAR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ENCUMBRANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTERORG_TRANSFER_CR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INVOICE_PRICE_VAR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	AVERAGE_COST_VAR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	SALES_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	EXPENSE_ACCOUNT
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_ATP_RULES	RULE_ID	DEFAULT_ATP_RULE_ID
MTL_PARAMETERS	ORGANIZATION_ID	MASTER_ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	COST_ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	SOURCE_ORGANIZATION_ID
MTL_PICKING_RULES	PICKING_RULE_ID	DEFAULT_PICKING_RULE_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SOURCE_SUBINVENTORY SOURCE_ORGANIZATION_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	ORG_MAX_WEIGHT_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	ORG_MAX_VOLUME_UOM_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEFAULT_DEMAND_CLASS	DEMAND_CLASS	FND_COMMON_LOOKUPS
	DEMAND_CL1	Demand class 1
	DEMAND_CL2	Demand class 2
	DEMAND_CL3	Demand class 3
ENCUMBRANCE_REVERSAL_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
GENERAL_LEDGER_UPDATE_CODE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
LOT_NUMBER_GENERATION	MTL_LOT_GENERATION	MFG_LOOKUPS
	1	At organization level
	2	At item level
	3	User defined
LOT_NUMBER_UNIQUENESS	MTL_LOT_UNIQUENESS	MFG_LOOKUPS
	1	Unique for item
	2	No uniqueness control
LOT_NUMBER_ZERO_PADDING	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
MAINTAIN_FIFO_QTY_STACK_TYPE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
MATL_INTERORG_TRANSFER_CODE	MTL_INTER_INV_TRANSFER	MFG_LOOKUPS
	1	No transfer charges
	2	Requested added value
	3	Requested percent of transaction value
	4	Predefined percent of transaction value
NEGATIVE_INV_RECEIPT_CODE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

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PRIMARY_COST_METHOD	MTL_PRIMARY_COST	MFG_LOOKUPS
	1	Standard
	2	Average
SERIAL_NUMBER_GENERATION	MTL_SERIAL_GENERATION	MFG_LOOKUPS
	1	At organization level
	2	At item level
SERIAL_NUMBER_TYPE	MTL_SERIAL_NUMBER_TYPE	MFG_LOOKUPS
	1	Unique within inventory items
	2	Unique within organization
	3	Unique across organizations
SOURCE_TYPE	MTL_SOURCE_TYPES	MFG_LOOKUPS
	1	Inventory
	2	Supplier
STOCK_LOCATOR_CONTROL_CODE	MTL_LOCATION_CONTROL	MFG_LOOKUPS
	1	No locator control
	2	Prespecified locator control
	3	Dynamic entry locator control
	4	Locator control determined at subinventory level
	5	Locator control determined at item level

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Organization code
MASTER_ORGANIZATION_ID	NOT NULL	NUMBER	Item master organization identifier
PRIMARY_COST_METHOD	NOT NULL	NUMBER	Primary costing method
COST_ORGANIZATION_ID	NOT NULL	NUMBER	Cost organization identifier
DEFAULT_MATERIAL_COST_ID	NULL	NUMBER	Default material sub–element
CALENDAR_EXCEPTION_SET_ID	NOT NULL	NUMBER	Calendar exception set
CALENDAR_CODE	NOT NULL	VARCHAR2(10)	Manufacturing calendar
GENERAL_LEDGER_UPDATE_CODE	NOT NULL	NUMBER	General ledger update code
DEFAULT_ATP_RULE_ID	NULL	NUMBER	Default available to promise rule
DEFAULT_PICKING_RULE_ID	NULL	NUMBER	Default picking rule code
DEFAULT_LOCATOR_ORDER_VALUE	NULL	NUMBER	Default picking order of locators
DEFAULT_SUBINV_ORDER_VALUE	NULL	NUMBER	Default picking order for subinventories
NEGATIVE_INV_RECEIPT_CODE	NOT NULL	NUMBER	Indicates whether negative balances are allowed
STOCK_LOCATOR_CONTROL_CODE	NOT NULL	NUMBER	Stock locator control code
MATERIAL_ACCOUNT	NULL	NUMBER	Inventory material account
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

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PURCHASE_PRICE_VAR_ACCOUNT	NULL	NUMBER	Purchase price variance account
AP_ACCRUAL_ACCOUNT	NULL	NUMBER	Accounts payable accrual account
OVERHEAD_ACCOUNT	NULL	NUMBER	Inventory overhead account
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	Outside processing account
INTRANSIT_INV_ACCOUNT	NULL	NUMBER	Inter–organization transfer debit account
INTERORG_RECEIVABLES_ACCOUNT	NULL	NUMBER	Inter–organization receivables account
INTERORG_PRICE_VAR_ACCOUNT	NULL	NUMBER	Inter–organization price variance account
INTERORG_PAYABLES_ACCOUNT	NULL	NUMBER	Inter–organization payables account
COST_OF_SALES_ACCOUNT	NULL	NUMBER	Cost of sales account
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account
PROJECT_COST_ACCOUNT	NULL	NUMBER	Project Cost Account
INTERORG_TRANSFER_CR_ACCOUNT	NULL	NUMBER	Inter–organization transfer credit account
MATL_INTERORG_TRANSFER_CODE	NOT NULL	NUMBER	Material inter–organization transfer charge type
INTERORG_TRNSFR_CHARGE_PERCENT	NULL	NUMBER	Inter–organization transfer charge percent
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Organization to source items from
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory to source items from
SOURCE_TYPE	NULL	NUMBER	Inventory or supplier source type
ORG_MAX_WEIGHT	NULL	NUMBER	
ORG_MAX_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	
ORG_MAX_VOLUME	NULL	NUMBER	
ORG_MAX_VOLUME_UOM_CODE	NULL	VARCHAR2(3)	
SERIAL_NUMBER_TYPE	NULL	NUMBER	Serial number uniqueness control
AUTO_SERIAL_ALPHA_PREFIX	NULL	VARCHAR2(30)	Organization–level serial number prefix
START_AUTO_SERIAL_NUMBER	NULL	VARCHAR2(30)	Organization–level starting serial number
AUTO_LOT_ALPHA_PREFIX	NULL	VARCHAR2(30)	Organization–level prefix for lot numbers
LOT_NUMBER_UNIQUENESS	NOT NULL	NUMBER	Lot number uniqueness control
LOT_NUMBER_GENERATION	NOT NULL	NUMBER	Lot number generation control
LOT_NUMBER_ZERO_PADDING	NULL	NUMBER	Lot number padding control
LOT_NUMBER_LENGTH	NULL	NUMBER	Total lot number length
STARTING_REVISION	NOT NULL	VARCHAR2(3)	Default starting item revision
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	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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ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
DEFAULT_DEMAND_CLASS	NULL	VARCHAR2(30)	Default demand class
ENCUMBRANCE_REVERSAL_FLAG	NULL	NUMBER	Reverse encumbrance flag
MAINTAIN_FIFO_QTY_STACK_TYPE	NULL	NUMBER	Maintain FIFO quantity stack
INVOICE_PRICE_VAR_ACCOUNT	NULL	NUMBER	Invoice price variance account
AVERAGE_COST_VAR_ACCOUNT	NULL	NUMBER	Average cost variance account
SALES_ACCOUNT	NULL	NUMBER	Sales account
EXPENSE_ACCOUNT	NULL	NUMBER	Expense account
SERIAL_NUMBER_GENERATION	NOT NULL	NUMBER	Serial number generation control
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Global descriptive flexfield structure defining column
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Global descriptive flexfield segment
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

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PROJECT_REFERENCE_ENABLED	NULL	NUMBER	Project Reference enabled flag that indicates whether project references are allowed in the organization or not
PM_COST_COLLECTION_ENABLED	NULL	NUMBER	Project Manufacturing Cost Collection Enabled flag that indicates whether costs will be collected for project references within the organization or not
PROJECT_CONTROL_LEVEL	NULL	NUMBER	Project Control Level that specifies whether project references are being tracked at the project or task level
AVG_RATES_COST_TYPE_ID	NULL	NUMBER	Average Rate Cost Type Identifier is used under average costing for resources and overhead rates
TXN_APPROVAL_TIMEOUT_PERIOD	NULL	NUMBER	Transfer Order Timeout Perod
MO_SOURCE_REQUIRED	NULL	NUMBER	Flag indicating that a source location is required before a move order can be approved
MO_PICK_CONFIRM_REQUIRED	NULL	NUMBER	Flag indicating whether pick confirmation is required
MO_APPROVAL_TIMEOUT_ACTION	NULL	NUMBER	Action to perform when move order approval timeout period has expired
BORRPAY_MATL_VAR_ACCOUNT	NULL	NUMBER	Material valuation account
BORRPAY_MOH_VAR_ACCOUNT	NULL	NUMBER	Material overhead valuation account
BORRPAY_RES_VAR_ACCOUNT	NULL	NUMBER	Resource valuation account
BORRPAY_OSP_VAR_ACCOUNT	NULL	NUMBER	Outside processing valuation account
BORRPAY_OVH_VAR_ACCOUNT	NULL	NUMBER	Overhead valuation account
PROCESS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Process Enabled inventory Organization
PROCESS_ORGN_CODE	NULL	VARCHAR2(4)	OPM Warehouse Organization Code Mapped to the Process Inventory Organization
WSM_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	WIP Shopfloor Management Organization
DEFAULT_COST_GROUP_ID	NULL	NUMBER	Default Cost Group ID (For future use only, INVWMS)

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.

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MTL_PLANNERS

MTL_PLANNERS stores and maintains a list of planner codes.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
PLANNER_CODE (PK)	NOT NULL	VARCHAR2(10)	Planner code
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(50)	Planner code description
DISABLE_DATE	NULL	DATE	Disable date
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ELECTRONIC_MAIL_ADDRESS	NULL	VARCHAR2(240)	Planner’s electronic mail address.
EMPLOYEE_ID	NULL	NUMBER	The unique identifier for the employee associated with this planner.

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PLANNERS_U1	UNIQUE	1	PLANNER_CODE
		2	ORGANIZATION_ID

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MTL_RESERVATIONS

This table stores reservation information. Each record is a reservation that ties an item / organization combination with a demand source and a supply source. Demand source information comprises demand source type (Sales Order, Account, Account Alias, Inventory), demand source header, demand source line and demand source name. Supply source information comprises supply source type (Inventory, WIP jobs), supply source header, supply source line, supply source name and inventory controls (revision, lot, subinventory, locator).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID	ORGANIZATION_ID LOCATOR_ID
MTL_ITEM_REVISIONS	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION
MTL_LOT_NUMBERS	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID SUBINVENTORY_CODE
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	DEMAND_SOURCE_TYPE_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	SUPPLY_SOURCE_TYPE_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	PRIMARY_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	RESERVATION_UOM_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
SHIP_READY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
RESERVATION_ID	NOT NULL	NUMBER	Reservation identifier
REQUIREMENT_DATE	NOT NULL	DATE	Reservation requirement date
ORGANIZATION_ID	NOT NULL	NUMBER	Identifier of organization in which reservation is made
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Identifier of reserved item
DEMAND_SOURCE_TYPE_ID	NOT NULL	NUMBER	Indicates demand source for which reservation is made
DEMAND_SOURCE_NAME	NULL	VARCHAR2(30)	Identifier for inventory or user defined demand

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DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	Header identifier for source of demand. For Sales Order: OE_ORDER_HEADERS.HEADER_ID. For Account: GL_CODE_COMBINATIONS.CODE_COMBINATION_ID. For Account Alias: MTL_GENERIC_DISPOSITIONS.DISPOSITION_ID
DEMAND_SOURCE_LINE_ID	NULL	NUMBER	Line ID for demand source. For Sales Order: OE_ORDER_LINES.LINE_ID
DEMAND_SOURCE_DELIVERY	NULL	NUMBER	Delivery identifier for demand sources having one
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Primary unit of measure of reserved item
PRIMARY_UOM_ID	NULL	NUMBER	Not currently used
RESERVATION_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure in which reservation is made
RESERVATION_UOM_ID	NULL	NUMBER	Not used
RESERVATION_QUANTITY	NOT NULL	NUMBER	Quanity reserved in RESERVATION_UOM_CODE
PRIMARY_RESERVATION_QUANTITY	NOT NULL	NUMBER	Quantity reserved in PRIMARY_UOM_CODE
AUTODETAIL_GROUP_ID	NULL	NUMBER	Not currently used
EXTERNAL_SOURCE_CODE	NULL	VARCHAR2(30)	Not currently used
EXTERNAL_SOURCE_LINE_ID	NULL	NUMBER	Not currently used
SUPPLY_SOURCE_TYPE_ID	NOT NULL	NUMBER	Indicates supply source of reservation
SUPPLY_SOURCE_HEADER_ID	NULL	NUMBER	Header identifier of supply source
SUPPLY_SOURCE_LINE_ID	NULL	NUMBER	Indicates line identifier of supply source
SUPPLY_SOURCE_LINE_DETAIL	NULL	NUMBER	Indicates line detail identifier of supply source
SUPPLY_SOURCE_NAME	NULL	VARCHAR2(30)	Indicates name of supply source
REVISION	NULL	VARCHAR2(3)	Revision of revision controlled reserved item
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory in which reserved item resides
SUBINVENTORY_ID	NULL	NUMBER	Not currently used
LOCATOR_ID	NULL	NUMBER	Locator in which reserved item resides
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number of lot controlled reserved item
LOT_NUMBER_ID	NULL	NUMBER	Not currently used
SERIAL_NUMBER	NULL	VARCHAR2(30)	Not currently used
SERIAL_NUMBER_ID	NULL	NUMBER	Not currently used
PARTIAL_QUANTITIES_ALLOWED	NULL	NUMBER	Not currently used
AUTO_DETAILED	NULL	NUMBER	Not currently used
PICK_SLIP_NUMBER	NULL	NUMBER	Not currently used
LPN_ID	NULL	NUMBER	Not currently used
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column

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ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	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	Indicate owner (For future use only)
CONTAINER_LPN_ID	NULL	NUMBER	Indicates LPN of the empty container reserved. (For future use only)

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	1	DEMAND_SOURCE_TYPE_ID
		2	DEMAND_SOURCE_NAME
		3	DEMAND_SOURCE_HEADER_ID
		4	DEMAND_SOURCE_LINE_ID
		5	DEMAND_SOURCE_DELIVERY
MTL_RESERVATIONS_N3	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_N4	NOT UNIQUE	1	REVISION
		2	LOT_NUMBER
		3	SUBINVENTORY_CODE
		4	LOCATOR_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_U1	UNIQUE	1	RESERVATION_ID

Sequences

Sequence	Derived Column
MTL_RESERVATIONS_S	RESERVATION_ID

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MTL_SECONDARY_INVENTORIES

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

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

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

Foreign Keys

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

QuickCodes Columns

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

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

Column Descriptions

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

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ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	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 (For future use only, INVWMS)
STATUS_ID	NULL	NUMBER	

Indexes

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

Database Triggers

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

This trigger captures information needed to create subledger accounting events when Oracle Inventory and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger synchronizes the table MTL_SECONDARY_INVENTORIES and AX_SECONDARY_INVENTORIES. It ensure that a subinventory exists for every inventory organizations in AX_SECONDARY_INVENTORIES.

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MTL_SECONDARY_LOCATORS

MTL_SECONDARY_LOCATORS stores all locators within a subinventory for a specific item.

These locators make up the valid list of locators when transacting that specific item to/from the subinventory, and the user has specified (in the Master Item window) that the item must use locators restricted to a pre–defined list.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID	SECONDARY_LOCATOR
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_ITEM_SUB_INVENTORIES	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SECONDARY_INVENTORY	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	

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

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MTL_SERIAL_NUMBERS

MTL_SERIAL_NUMBERS stores the definition and current status of all serial numbers in Oracle Inventory. These serial numbers are also used in other areas of Oracle Manufacturing.

A serial number can have one of four statuses:

- Defined but not used
- Resides in stores
- Issued out of stores
- Resides in intransit

The serial generation program populates this table, given the number of serial numbers to create and the starting number and prefix.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	CURRENT_LOCATOR_ID CURRENT_ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID	REVISION INVENTORY_ITEM_ID CURRENT_ORGANIZATION_ID
MTL_LOT_NUMBERS	LOT_NUMBER ORGANIZATION_ID INVENTORY_ITEM_ID	LOT_NUMBER CURRENT_ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	LAST_TRANSACTION_ID
MTL_PARAMETERS	ORGANIZATION_ID	CURRENT_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	CURRENT_SUBINVENTORY_CODE CURRENT_ORGANIZATION_ID
MTL_SERIAL_NUMBERS	INVENTORY_ITEM_ID SERIAL_NUMBER CURRENT_ORGANIZATION_ID	PARENT_ITEM_ID PARENT_SERIAL_NUMBER CURRENT_ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID CURRENT_ORGANIZATION_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	LAST_TXN_SOURCE_TYPE_ID
PJM_UNIT_NUMBERS	UNIT_NUMBER	END_ITEM_UNIT_NUMBER
PJM_UNIT_SERIAL_HISTORY	INVENTORY_ITEM_ID SERIAL_NUMBER NEW_UNIT_NUMBER	INVENTORY_ITEM_ID SERIAL_NUMBER END_ITEM_UNIT_NUMBER
PO_VENDORS	VENDOR_ID	ORIGINAL_UNIT_VENDOR_ID
WIP_ENTITIES	WIP_ENTITY_ID	ORIGINAL_WIP_ENTITY_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CURRENT_STATUS	SERIAL_NUM_STATUS	MFG_LOOKUPS
	1	Defined but not used
	3	Resides in stores
	4	Issued out of stores
	5	Resides in intransit
LAST_TRANSACTION_ID	MTL_DISPOSITION	MFG_LOOKUPS
	1	Purchase order
	2	Sales order

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3	Account number
4	Job or schedule
5	Job or schedule
6	Account alias

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
SERIAL_NUMBER (PK)	NOT NULL	VARCHAR2(30)	Serial number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
INITIALIZATION_DATE	NOT NULL	DATE	Unit initialization date
COMPLETION_DATE	NULL	DATE	Unit completion date
SHIP_DATE	NULL	DATE	Unit ship date
CURRENT_STATUS	NULL	NUMBER	Current status
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
FIXED_ASSET_TAG	NULL	VARCHAR2(10)	Unit fixed asset tag number
RESERVED_ORDER_ID	NULL	NUMBER	Scheduled sales order reservation
PARENT_ITEM_ID	NULL	NUMBER	Component parent part number
PARENT_SERIAL_NUMBER	NULL	VARCHAR2(30)	Component parent serial number
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	
ORIGINAL_WIP_ENTITY_ID	NULL	NUMBER	Original WIP entity id
ORIGINAL_UNIT_VENDOR_ID	NULL	NUMBER	Original unit supplier code
VENDOR_SERIAL_NUMBER	NULL	VARCHAR2(30)	Supplier serial number
VENDOR_LOT_NUMBER	NULL	VARCHAR2(30)	Supplier lot number
LAST_TXN_SOURCE_TYPE_ID	NULL	NUMBER	Last transaction source type identifier
LAST_TRANSACTION_ID	NULL	NUMBER	Last transaction identifier
LAST_RECEIPT_ISSUE_TYPE	NULL	NUMBER	Last transaction type
LAST_TXN_SOURCE_NAME	NULL	VARCHAR2(30)	Last transaction source name
LAST_TXN_SOURCE_ID	NULL	NUMBER	Last transaction source identifier
DESCRIPTIVE_TEXT	NULL	VARCHAR2(240)	Unit descriptive text
CURRENT_SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	Current subinventory name
CURRENT_LOCATOR_ID	NULL	NUMBER	Current location identifier
CURRENT_ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization where the serial number is currently stored
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment

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ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	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)	(For future use only)
COUNTRY_OF_ORIGIN	NULL	VARCHAR2(30)	(For future use only)
ORIGINATION_DATE	NULL	DATE	(For future use only)
C_ATTRIBUTE1	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE2	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE3	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE4	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE5	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE6	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE7	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE8	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE9	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE10	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE11	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE12	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE13	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE14	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE15	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE16	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE17	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE18	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE19	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE20	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE21	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE22	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE23	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE24	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE25	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE26	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE27	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE28	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE29	NULL	VARCHAR2(150)	(For future use only)
C_ATTRIBUTE30	NULL	VARCHAR2(150)	(For future use only)
D_ATTRIBUTE1	NULL	DATE	(For future use only)
D_ATTRIBUTE2	NULL	DATE	(For future use only)
D_ATTRIBUTE3	NULL	DATE	(For future use only)

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D_ATTRIBUTE4	NULL	DATE	(For future use only)
D_ATTRIBUTE5	NULL	DATE	(For future use only)
D_ATTRIBUTE6	NULL	DATE	(For future use only)
D_ATTRIBUTE7	NULL	DATE	(For future use only)
D_ATTRIBUTE8	NULL	DATE	(For future use only)
D_ATTRIBUTE9	NULL	DATE	(For future use only)
D_ATTRIBUTE10	NULL	DATE	(For future use only)
D_ATTRIBUTE11	NULL	DATE	(For future use only)
D_ATTRIBUTE12	NULL	DATE	(For future use only)
D_ATTRIBUTE13	NULL	DATE	(For future use only)
D_ATTRIBUTE14	NULL	DATE	(For future use only)
D_ATTRIBUTE15	NULL	DATE	(For future use only)
D_ATTRIBUTE16	NULL	DATE	(For future use only)
D_ATTRIBUTE17	NULL	DATE	(For future use only)
D_ATTRIBUTE18	NULL	DATE	(For future use only)
D_ATTRIBUTE19	NULL	DATE	(For future use only)
D_ATTRIBUTE20	NULL	DATE	(For future use only)
N_ATTRIBUTE1	NULL	NUMBER	(For future use only)
N_ATTRIBUTE2	NULL	NUMBER	(For future use only)
N_ATTRIBUTE3	NULL	NUMBER	(For future use only)
N_ATTRIBUTE4	NULL	NUMBER	(For future use only)
N_ATTRIBUTE5	NULL	NUMBER	(For future use only)
N_ATTRIBUTE6	NULL	NUMBER	(For future use only)
N_ATTRIBUTE7	NULL	NUMBER	(For future use only)
N_ATTRIBUTE8	NULL	NUMBER	(For future use only)
N_ATTRIBUTE9	NULL	NUMBER	(For future use only)
N_ATTRIBUTE10	NULL	NUMBER	(For future use only)
N_ATTRIBUTE11	NULL	NUMBER	(For future use only)
N_ATTRIBUTE12	NULL	NUMBER	(For future use only)
N_ATTRIBUTE13	NULL	NUMBER	(For future use only)
N_ATTRIBUTE14	NULL	NUMBER	(For future use only)
N_ATTRIBUTE15	NULL	NUMBER	(For future use only)
N_ATTRIBUTE16	NULL	NUMBER	(For future use only)
N_ATTRIBUTE17	NULL	NUMBER	(For future use only)
N_ATTRIBUTE18	NULL	NUMBER	(For future use only)
N_ATTRIBUTE19	NULL	NUMBER	(For future use only)
N_ATTRIBUTE20	NULL	NUMBER	(For future use only)
N_ATTRIBUTE21	NULL	NUMBER	(For future use only)
N_ATTRIBUTE22	NULL	NUMBER	(For future use only)
N_ATTRIBUTE23	NULL	NUMBER	(For future use only)
N_ATTRIBUTE24	NULL	NUMBER	(For future use only)
N_ATTRIBUTE25	NULL	NUMBER	(For future use only)
N_ATTRIBUTE26	NULL	NUMBER	(For future use only)
N_ATTRIBUTE27	NULL	NUMBER	(For future use only)
N_ATTRIBUTE28	NULL	NUMBER	(For future use only)
N_ATTRIBUTE29	NULL	NUMBER	(For future use only)
N_ATTRIBUTE30	NULL	NUMBER	(For future use only)
STATUS_ID	NULL	NUMBER	(For future use 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

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MTL_SERIAL_NUMBERS_N3	NOT UNIQUE	1	ORIGINAL_UNIT_VENDOR_ID
		2	VENDOR_SERIAL_NUMBER
MTL_SERIAL_NUMBERS_N4	NOT UNIQUE	1	CURRENT_ORGANIZATION_ID
		2	SERIAL_NUMBER
		3	INVENTORY_ITEM_ID
MTL_SERIAL_NUMBERS_N5	NOT UNIQUE	1	GROUP_MARK_ID
		2	LINE_MARK_ID
		3	LOT_LINE_MARK_ID
MTL_SERIAL_NUMBERS_U1	UNIQUE	1	SERIAL_NUMBER
		2	INVENTORY_ITEM_ID
MTL_SERIAL_NUMBERS_U2	UNIQUE	5	GEN_OBJECT_ID

Sequences

Sequence	Derived Column
MTL_GEN_OBJECT_ID_S	GEN_OBJECT_ID

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MTL_SYSTEM_ITEMS_B

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

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

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

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

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

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

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Foreign Keys

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

QuickCodes Columns

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

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

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COMMS_ACTIVATION_REQD_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
COMMS_NL_TRACKABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CONTAINER_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CONTAINER_TYPE_CODE	CONTAINER_ITEM_TYPE	FND_COMMON_LOOKUPS
COSTING_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
COUPON_EXEMPT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CUSTOMER_ORDER_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CUSTOMER_ORDER_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CYCLE_COUNT_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
DEFAULT_INCLUDE_IN_ROLLUP_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
DEFECT_TRACKING_ON_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
DEMAND_TIME_FENCE_CODE	MTL_TIME_FENCE	MFG_LOOKUPS
	1	Cumulative total lead time
	2	Cumulative manufacturing lead time
	3	Total lead time
	4	User-defined time fence
DOWNLOADABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ELECTRONIC_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
END_ASSEMBLY_PEGGING_FLAG	ASSEMBLY_PEGGING_CODE	FND_LOOKUPS
	A	Full Pegging
	B	End Assembly/Full Pegging
	I	Net by Project/Ignore Excess
	N	None
	X	Net by Project/Net Excess
	Y	End Assembly Pegging

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ENG_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
EQUIPMENT_TYPE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
EVENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
EXPENSE_BILLABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INDIVISIBLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INSPECTION_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INTERNAL_ORDER_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INTERNAL_ORDER_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_ASSET_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_PLANNING_CODE	MTL_MATERIAL_PLANNING	MFG_LOOKUPS
	1	Reorder point planning
	2	Min–max planning
	6	Not planned
INVOICEABLE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVOICE_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ITEM_TYPE	ITEM_TYPE	FND_COMMON_LOOKUPS
	AOC	ATO Option Class
	ATO	ATO Model
	BMW	BMW Type
	FG	Finished Good
	I	Inventory Type
	K	Kit
	M	Model
	OC	Option Class
	OO	Outside Operation
	OP	Outside Processing Item
	P	Purchased item
	PF	Product Family

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	PH	Phantom item
	PL	Planning
	POC	PTO Option Class
	PTO	PTO model
	REF	Reference item
	SA	Subassembly
	SI	Supply item
LOCATION_CONTROL_CODE	MTL_LOCATION_CONTROL	MFG_LOOKUPS
	1	No locator control
	2	Prespecified locator control
	3	Dynamic entry locator control
	4	Locator control determined at subinventory level
	5	Locator control determined at item level
LOT_CONTROL_CODE	MTL_LOT_CONTROL	MFG_LOOKUPS
	1	No lot control
	2	Full lot control
MATERIAL_BILLABLE_FLAG	MTL_SERVICE_BILLABLE_FLAG	CS_LOOKUPS
	E	Expense
	L	Labor
	M	Material
MRP_CALCULATE_ATP_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
MRP_PLANNING_CODE	MRP_PLANNING_CODE	MFG_LOOKUPS
	3	MRP planning
	4	MPS planning
	6	Not planned
	7	MRP and DRP planning
	8	MPS and DRP planning
	9	DRP planning
MRP_SAFETY_STOCK_CODE	MTL_SAFETY_STOCK_TYPE	MFG_LOOKUPS
	1	Non-MRP planned
	2	MRP planned percent
MTL_TRANSACTIONS_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
MUST_USE_APPROVED_VENDOR_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ORDERABLE_ON_WEB_FLAG	YES_NO	FND_LOOKUPS
	N	No
	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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PLANNING_TIME_FENCE_CODE	MTL_TIME_FENCE	MFG_LOOKUPS
	1	Cumulative total lead time
	2	Cumulative manufacturing lead time
	3	Total lead time
	4	User–defined time fence
PREVENTIVE_MAINTENANCE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PRORATE_SERVICE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PURCHASING_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PURCHASING_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RECEIPT_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RELEASE_TIME_FENCE_CODE	MTL_RELEASE_TIME_FENCE	MFG_LOOKUPS
	1	Cumulative total lead time
	2	Cumulative manufacturing lead time
	3	Item total lead time
	4	User–defined time fence
	5	No not autorelease
	6	Kanban Item (Do Not Release)
REPETITIVE_PLANNING_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
REPLENISH_TO_ORDER_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RESERVABLE_TYPE	MTL_RESERVATION_CONTROL	MFG_LOOKUPS
	1	Reservable
	2	Not reservable
RESTRICT_LOCATORS_CODE	MTL_LOCATOR_RESTRICTIONS	MFG_LOOKUPS
	1	Locators restricted to pre–defined list
	2	Locators not restricted to pre–defined list
RESTRICT_SUBINVENTORIES_CODE	MTL_SUBINVENTORY_RESTRICTIONS	MFG_LOOKUPS
	1	Subinventories restricted to pre–defined list
	2	Subinventories not re-stricted to pre–defined list
RETURNABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RETURN_INSPECTION_REQUIREMENT	MTL_RETURN_INSPECTION	MFG_LOOKUPS
	1	Inspection required
	2	Inspection not required

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REVISION_QTY_CONTROL_CODE	MTL_ENG_QUANTITY	MFG_LOOKUPS
	1	Not under revision quantity control
	2	Under revision quantity control
RFQ_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ROUNDING_CONTROL_TYPE	MTL_ROUNDING	MFG_LOOKUPS
	1	Round order quantities
	2	Do not round order quanti-ties
SERIAL_NUMBER_CONTROL_CODE	MTL_SERIAL_NUMBER	MFG_LOOKUPS
	1	No serial number control
	2	Predefined serial numbers
	5	Dynamic entry at inventory receipt
	6	Dynamic entry at sales order issue
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
	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

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

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START_DATE_ACTIVE	NULL	DATE	Flexfield segment start date
END_DATE_ACTIVE	NULL	DATE	Flexfield segment end date
DESCRIPTION	NULL	VARCHAR2(240)	Item description is maintained in the installation base language only. Translations table (MTL_SYSTEM_ITEMS_TL) holds item descriptions in multiple languages
BUYER_ID	NULL	NUMBER(9)	Buyer identifier
ACCOUNTING_RULE_ID	NULL	NUMBER	Accounting rule identifier
INVOICING_RULE_ID	NULL	NUMBER	Invoicing rule identifier
SEGMENT1	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT2	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT3	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT4	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT5	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT6	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT7	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT8	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT9	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT10	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT11	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT12	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT13	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT14	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT15	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT16	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT17	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT18	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT19	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT20	NULL	VARCHAR2(40)	Key flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	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

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

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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
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

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DEMAND_TIME_FENCE_DAYS	NULL	NUMBER	Demand time fence days
END_ASSEMBLY_PEGGING_FLAG	NULL	VARCHAR2(1)	End assembly pegging flag for MRP
REPETITIVE_PLANNING_FLAG	NULL	VARCHAR2(1)	Flag indicating item to be planned as repetitive schedule
PLANNING_EXCEPTION_SET	NULL	VARCHAR2(10)	Exception control set
BOM_ITEM_TYPE	NOT NULL	NUMBER	Type of item
PICK_COMPONENTS_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether all shippable components should be picked
REPLENISH_TO_ORDER_FLAG	NOT NULL	VARCHAR2(1)	Assemble to Order flag
BASE_ITEM_ID	NULL	NUMBER	Base item identifier
ATP_COMPONENTS_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether item may have components requiring ATP check
ATP_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating ATP must be checked when item is ordered
FIXED_LEAD_TIME	NULL	NUMBER	Fixed portion of the assembly's lead time
VARIABLE_LEAD_TIME	NULL	NUMBER	Variable portion of an assembly's lead time
WIP_SUPPLY_LOCATOR_ID	NULL	NUMBER	Supply locator for WIP transactions
WIP_SUPPLY_TYPE	NULL	NUMBER	Source of WIP material supply
WIP_SUPPLY_SUBINVENTORY	NULL	VARCHAR2(10)	Supply subinventory for WIP transactions
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Primary unit of measure code
PRIMARY_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Primary stocking unit of measure for the item
ALLOWED_UNITS_LOOKUP_CODE	NULL	NUMBER	Allowed unit of measure conversion type
COST_OF_SALES_ACCOUNT	NULL	NUMBER	Cost of sales account
SALES_ACCOUNT	NULL	NUMBER	Sales account
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

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POSITIVE_MEASUREMENT_ERROR	NULL	NUMBER	Percent error above measured quantity
NEGATIVE_MEASUREMENT_ERROR	NULL	NUMBER	Percent error below measured quantity
ENGINEERING_ECN_CODE	NULL	VARCHAR2(50)	Engineering ECN code
ENGINEERING_ITEM_ID	NULL	NUMBER	Engineering implemented item identifier
ENGINEERING_DATE	NULL	DATE	Engineering implementation date
SERVICE_STARTING_DELAY	NULL	NUMBER	Days after shipment that service begins
VENDOR_WARRANTY_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating service for the item is provided by a supplier
SERVICEABLE_COMPONENT_FLAG	NULL	VARCHAR2(1)	Indicates whether the item is serviceable by other service–type items and whether it can be referenced as the component of another item
SERVICEABLE_PRODUCT_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the item is serviceable by other service–type items and can have service requests reported against it
BASE_WARRANTY_SERVICE_ID	NULL	NUMBER	Base warranty identifier
PAYMENT_TERMS_ID	NULL	NUMBER	Payment terms identifier
PREVENTIVE_MAINTENANCE_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item can be a preventive maintenance service item
PRIMARY_SPECIALIST_ID	NULL	NUMBER	Primary service specialist
SECONDARY_SPECIALIST_ID	NULL	NUMBER	Secondary service specialist
SERVICEABLE_ITEM_CLASS_ID	NULL	NUMBER	Serviceable item class identifier
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

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OUTSIDE_OPERATION_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may appear on outside operation purchase order
OUTSIDE_OPERATION_UOM_TYPE	NULL	VARCHAR2(25)	Outside operation unit of measure
SAFETY_STOCK_BUCKET_DAYS	NULL	NUMBER	Safety stock bucket days
AUTO_REDUCE_MPS	NULL	NUMBER(22)	Automatically deletes MPS entries within a time period
COSTING_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating cost information is maintained
AUTO_CREATED_CONFIG_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating configuration item automatically created
CYCLE_COUNT_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may be cycle counted
ITEM_TYPE	NULL	VARCHAR2(30)	User–defined item type
MODEL_CONFIG_CLAUSE_NAME	NULL	VARCHAR2(10)	(not currently used)
SHIP_MODEL_COMPLETE_FLAG	NULL	VARCHAR2(1)	Flag indicating model must be complete to ship
MRP_PLANNING_CODE	NULL	NUMBER	MRP Planning option
RETURN_INSPECTION_REQUIREMENT	NULL	NUMBER	RMA inspection requirement
ATO_FORECAST_CONTROL	NULL	NUMBER	Type of forecast control for ATO
RELEASE_TIME_FENCE_CODE	NULL	NUMBER	Flag to indicate if this item is auto releasable by MRP
RELEASE_TIME_FENCE_DAYS	NULL	NUMBER	Number of days within which this item should be auto released
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

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GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Global descriptive flexfield segment
PURCHASING_TAX_CODE	NULL	VARCHAR2(50)	Purchasing tax code
OVERCOMPLETION_TOLERANCE_TYPE	NULL	NUMBER	Overcompletion tolerance type
OVERCOMPLETION_TOLERANCE_VALUE	NULL	NUMBER	Overcompletion tolerance value
EFFECTIVITY_CONTROL	NULL	NUMBER	Effectivity control code. Indicates if the item is under Date Effectivity or Model/Unit Number Effectivity control.
CHECK_SHORTAGES_FLAG	NULL	VARCHAR2(1)	Flag indicating material shortages should be checked for this item
OVER_SHIPMENT_TOLERANCE	NULL	NUMBER	Over shipment tolerance
UNDER_SHIPMENT_TOLERANCE	NULL	NUMBER	Under shipment tolerance
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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WEB_STATUS	NULL	VARCHAR2(30)	Specifies item web status, which can be web enabled, web published, or neither
INDIVISIBLE_FLAG	NULL	VARCHAR2(1)	Item unit is indivisible

Indexes

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

Sequences

Sequence	Derived Column
MTL_SYSTEM_ITEMS_B_S	INVENTORY_ITEM_ID

Database Triggers

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

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

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

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

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

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

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```
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
```

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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.

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MTL_TRANSACTION_TYPES

MTL_TRANSACTION_TYPES contains seeded transaction types and the user defined ones. USER_DEFINED_FLAG will distinguish the two. The table also stores the TRANSACTION_ACTION_ID and TRANSACTION_SOURCE_TYPE_ID that is associated with each transaction type.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TRANSACTION_SOURCE_TYPE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
SHORTAGE_MSG_BACKGROUND_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SHORTAGE_MSG_ONLINE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
TRANSACTION_ACTION_ID	MTL_TRANSACTION_ACTION	MFG_LOOKUPS
	1	Issue from stores
	12	Intransit receipt
	2	Subinventory transfer
	21	Intransit shipment
	24	Cost update
	27	Receipt into stores
	28	Staging transfer
	29	Delivery adjustments
	3	Direct organization transfer
	30	WIP scrap transaction
	31	Assembly completion
	32	Assembly return
	4	Cycle count adjustment
	8	Physical inventory adjustment

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_TYPE_ID (PK)	NOT NULL	NUMBER	Transaction type identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
TRANSACTION_TYPE_NAME	NOT NULL	VARCHAR2(30)	Name of the transaction type
DESCRIPTION	NULL	VARCHAR2(240)	Description of the transaction type
TRANSACTION_ACTION_ID	NOT NULL	NUMBER	Transaction action identifer that is associated with this type
TRANSACTION_SOURCE_TYPE_ID	NOT NULL	NUMBER	Transaction source type identifier that is associated with this transaction type

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SHORTAGE_MSG_BACKGROUND_FLAG	NULL	VARCHAR2(1)	
SHORTAGE_MSG_ONLINE_FLAG	NULL	VARCHAR2(1)	
DISABLE_DATE	NULL	DATE	Date that this transaction type will be disabled
USER_DEFINED_FLAG	NOT NULL	VARCHAR2(1)	Set to 'Y' if this type is user-defined
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
TYPE_CLASS	NULL	NUMBER	Specifies if the transaction type is Project related

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTION_TYPES_U1	UNIQUE	1	TRANSACTION_TYPE_ID

Sequences

Sequence	Derived Column
MTL_TRANSACTION_TYPES_S	TRANSACTION_TYPE_ID

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MTL_TXN_REQUEST_HEADERS

This table stores all of the move order headers. The headers contain all information which pertains to entire move orders, including the transaction type of the move order, the move order type, the move order status, and the request number of the move order.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TO_ACCOUNT_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	FROM_SUBINVENTORY_CODE ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	TO_SUBINVENTORY_CODE ORGANIZATION_ID
MTL_TRANSACTION_TYPES	TRANSACTION_TYPE_ID	TRANSACTION_TYPE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
HEADER_STATUS	MTL_TXN_REQUEST_STATUS	MFG_LOOKUPS
	1	Incomplete
	2	Pending Approval
	3	Approved
	4	Not Approved
	5	Closed
	6	Canceled
	7	Pre Approved
	8	Partially Approved
MOVE_ORDER_TYPE	MTL_TXN_REQUEST_TYPE	MFG_LOOKUPS
	1	Requisition
	2	Replenishment
	3	Pick Wave

Column Descriptions

Name	Null?	Type	Description
HEADER_ID	NOT NULL	NUMBER	Header identifier
REQUEST_NUMBER	NOT NULL	VARCHAR2(30)	Request number of the move order
TRANSACTION_TYPE_ID	NULL	NUMBER	Transaction type identifier
MOVE_ORDER_TYPE	NULL	NUMBER	Type of move order
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
DESCRIPTION	NULL	VARCHAR2(240)	Move order description
DATE_REQUIRED	NULL	DATE	Standard Who column
FROM_SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory to transact from
TO_SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory to transact to
TO_ACCOUNT_ID	NULL	NUMBER	Account identifier to transact to
SHIP_TO_LOCATION_ID	NULL	NUMBER	Account identifier to transact to
HEADER_STATUS	NULL	NUMBER	Header status
STATUS_DATE	NULL	DATE	Date of last status change
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

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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 SUBINVENTORY_CODE ORGANIZATION_ID	FROM_LOCATOR_ID FROM_SUBINVENTORY_CODE ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID SUBINVENTORY_CODE ORGANIZATION_ID	TO_LOCATOR_ID TO_SUBINVENTORY_CODE TO_ORGANIZATION_ID
MTL_ITEM_REVISIONS	INVENTORY_ITEM_ID ORGANIZATION_ID REVISION	INVENTORY_ITEM_ID ORGANIZATION_ID REVISION
MTL_KANBAN_CARDS	KANBAN_CARD_ID	REFERENCE_ID
MTL_LOT_NUMBERS	ORGANIZATION_ID LOT_NUMBER INVENTORY_ITEM_ID	ORGANIZATION_ID LOT_NUMBER INVENTORY_ITEM_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	TO_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	TO_SUBINVENTORY_CODE ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID FROM_SUBINVENTORY_CODE
MTL_SERIAL_NUMBERS	SERIAL_NUMBER INVENTORY_ITEM_ID CURRENT_ORGANIZATION_ID	SERIAL_NUMBER_START INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_SERIAL_NUMBERS	SERIAL_NUMBER INVENTORY_ITEM_ID CURRENT_ORGANIZATION_ID	SERIAL_NUMBER_END INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_TRANSACTION_TYPES	TRANSACTION_TYPE_ID	TRANSACTION_TYPE_ID
MTL_TXN_REQUEST_HEADERS	HEADER_ID	HEADER_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TRANSACTION_SOURCE_TYPE_ID
WMS_STRATEGIES_B	STRATEGY_ID	PICK_STRATEGY_ID
WMS_STRATEGIES_B	STRATEGY_ID	PUT_AWAY_STRATEGY_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LINE_STATUS	MTL_TXN_REQUEST_STATUS	MFG_LOOKUPS
	1	Incomplete
	2	Pending Approval
	3	Approved
	4	Not Approved

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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
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
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	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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ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	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
PICK_STRATEGY_ID	NULL	NUMBER	Picking strategy identifier
UNIT_NUMBER	NULL	VARCHAR2(30)	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TXN_REQUEST_LINES_N1	NOT UNIQUE	1	ORGANIZATION_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_U1	UNIQUE	1	LINE_ID
MTL_TXN_REQUEST_LINES_U2	UNIQUE	1	HEADER_ID
		2	LINE_NUMBER

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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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PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

Indexes

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

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