

Oracle® Network Logistics Technical Reference Manual

RELEASE 11*i*

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Oracle® Network Logistics Technical Reference Manual
Release 11i

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Introduction

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

This chapter introduces you to the *Oracle Network Logistics Technical Reference Manual*, and explains how to use it.

Introduction

At Oracle, we design and build applications using Oracle Designer, our systems design technology that provides a complete environment to support developers through all stages of a systems life cycle. Because we use a repository-based design toolset, all the information regarding the underlying structure and processing of our applications is available to us online. Using Oracle Designer, we can present this information to you in the form of a technical reference manual.

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

About this Manual

This manual describes the Oracle Customer Relationship Management (CRM) Applications Release 11i data model, as used by Oracle Network Logistics; 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 Network Logistics. 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 Network Logistics Technical Reference Manual* contains the latest information as of the publication date. For the latest information we encourage you to use Oracle *MetaLink* which is accessible through Oracle's Support Web Center (http://www.oracle.com/support/elec_sup).

Audience

The *Oracle Network Logistics 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 Network Logistics. 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 Network Logistics uses. This chapter also has a list of modules.

Detailed Design

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

How to Use This Manual

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

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

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

Do not write data into non-interface tables

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

Moreover, this version of the *Oracle Network Logistics Technical Reference Manual* does not contain complete information about the dependencies between Oracle Network Logistics 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 Network Logistics 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 Network Logistics 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 Network Logistics data model. For example, if you write a report that identifies concurrent requests that end in Error status by selecting directly from Oracle Application Object Library tables, we do not guarantee that your report will work properly after an upgrade.

About Oracle Application Object Library

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



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

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

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

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window. QuickCodes simplify name and language changes by letting you change the names your end users see, while the codes in your underlying programs remain the same.

Form

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

Other Information Sources

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 Network Logistics working for you. This team includes your Technical Representative, Account Manager, and Oracle's large staff of consultants and support specialists with expertise in your business

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

About Oracle

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

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High-Level Design

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

Overview of High-Level Design

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

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

Database Diagrams

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

Use this section to quickly learn what tables each Oracle Network Logistics 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 Network Logistics applications tables. Because a product might not include at least one table for each type, this Technical Reference Manual might not include each of the following sections.

Public Tables

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

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

Internal Tables

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

View Lists

The View List sections list the Oracle Network Logistics 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.

Forms and Table Views

This section lists supplementary views that are not essential to the Release 11i data model, but simplify coding or improve performance for Oracle Developer.

Internal Views

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

Multiple Reporting Currency Views

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

Module List

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

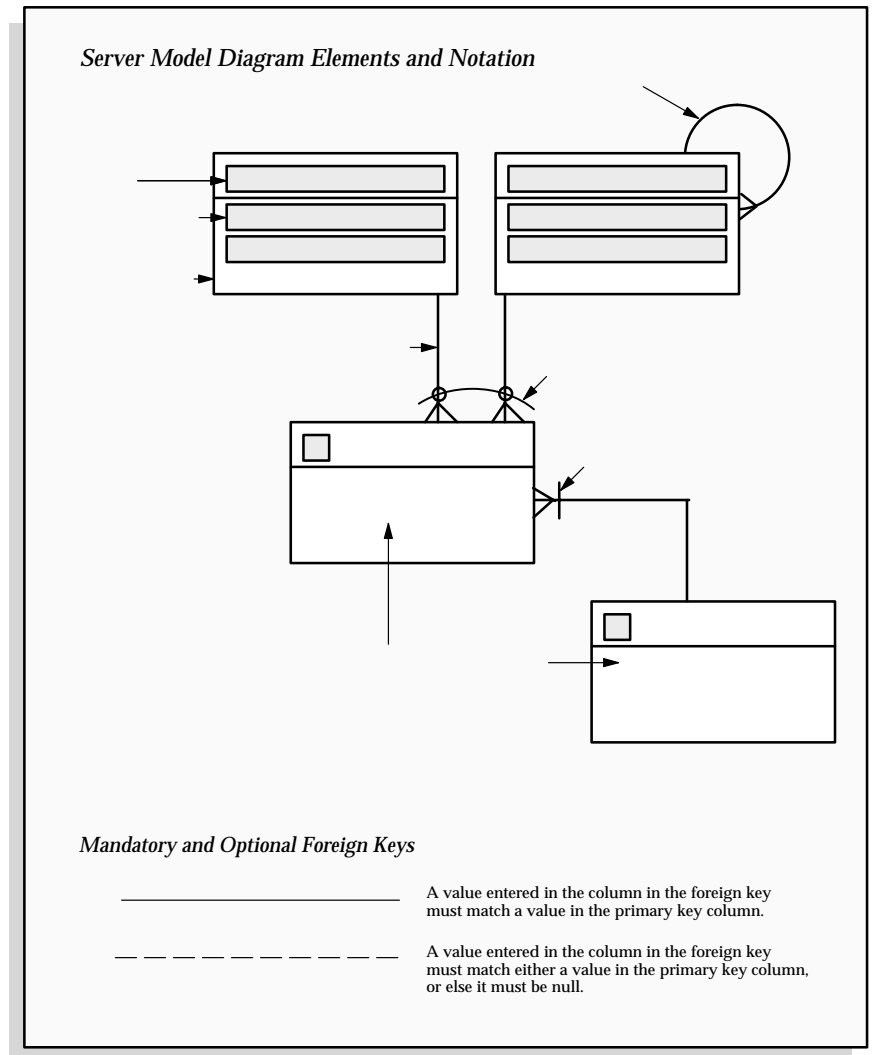
A form is a module comprised of closely related windows that are used together to perform a task. For example, the Enter Journals form in Oracle General Ledger includes the Enter Journals window, the Batch window, and the More Actions window. The Enter Journals window is the main window, and from it, 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 Network Logistics. Use your user's guide to learn more about reports and concurrent processes.

Database Diagramming Conventions

We use the following notational conventions in our database diagrams:

Figure 2 – 1
Database Diagram
Conventions



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

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

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

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

Database Diagrams

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

- Diagram 1: Network Logistics

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

Network Logistics

Public Table List

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

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

Oracle Network Logistics uses the following Public tables:

Table Name	Description
CUN_EQUIPMENT_CODES	Manufacturer equipment codes (See page 3 – 8)
CUN_EQUIPMENT_CODES_INTERFACE	Manufacturer equipment code interface table (See page 3 – 9)
CUN_ERROR_LOG	Error log table (See page 3 – 10)
CUN_INIT_LOAD_INTERFACE	Initial load interface table (See page 3 – 11)
CUN_LOCATIONS	Network Logistics location mapping table (See page 3 – 12)
CUN_NON_SERIALIZED_UNITS	Non-serialized unit table (See page 3 – 13)
CUN_REDO_LOG	Redo log table (See page 3 – 15)
CUN_SERIALIZED_UNITS	Serialized unit table (See page 3 – 16)
CUN_TRANSACTIONS	Transaction history table (See page 3 – 18)
CUN_TRANS_ERRORS	Internal table that holds transaction errors from the source systems (See page 3 – 21)
CUN_TRANS_TEMP	Internal table that holds temporary transaction information (See page 3 – 22)
FA_DISTRIBUTION_HISTORY	Employee, location, and Accounting Flexfield values assigned to each asset (See page 3 – 23)
FA_LOCATIONS	Location flexfield segment value combinations (See page 3 – 26)
FND_LOOKUP_TYPES	Oracle Application Object Library QuickCodes

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FND_LOOKUP_VALUES

QuickCode values

MTL_MATERIAL_TRANSACTIONS

Material transaction table (See page 3 – 28)

MTL_SYSTEM_ITEMS_B

Inventory item definitions (See page 3 – 35)

Public View List

This section lists each public database view that Oracle Network Logistics 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 Network Logistics uses the following public views:

View Name	Description
CUN_LOCATIONS_V	CUN_LOCATIONS_V is created based on CUN_LOCATIONS table, HR_LOCATIONS view and FA_LOCATIONS_KFV view.

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 Network Logistics 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 Network Logistics.

Oracle Network Logistics uses the following Forms and Table views:

- CUN_ASSET_ADDITIONS_UNITS_V
- CUN_ASSET_UNITS_V
- CUN_ITEMS_V
- CUN_ITEM_NETWORK_UNITS_V
- CUN_ITEM_SUMMARY_V
- CUN_PROJECT_SHIPMENT_V
- CUN_REDO_LOG_V
- CUN_SERIALIZED_UNITS_V
- CUN_TRANSACTIONS_V
- CUN_TRANSACTION_HIST_V

Internal View List

This section lists each private, internal view that Oracle Network Logistics 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 Network Logistics uses the following internal views:

- CUN_AP_PA_INVOICES_V

Module List

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

Forms

CUNADJUST	Adjustment
CUNCLEIC	Manufacturer Equipment Code
CUNINQRY	Inquiry
CUNNILOC	Network Location
CUNTOMAI	Move Order

Reports

CUNBOFLD	Bill of Lading
CUNERRLG	Error Log
CUNLOSDR	Loss Rate Report
CUNRDOLG	Redo Log Report

Detailed Design

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

Overview of Detailed Design

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

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

- Convert existing application data
- Integrate your Oracle Network Logistics 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 Network Logistics 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 Network Logistics application contains, and how it uses them to hold and access the information it needs.

Table and View Definitions

This section contains a detailed description of each Oracle Network Logistics table and view that you may need to reference. For each table, it presents detailed information about:

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

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

The following sections appear in each table or view description:

Foreign Keys

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

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

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

QuickCodes Columns

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

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

Column Descriptions

We list the important characteristics of each column in a table or view. These characteristics include whether the column is part of the table's primary key, whether Oracle8i requires a value for this column, and the data type of the column. We also give you a brief description of how Oracle Network Logistics 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 Network Logistics 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 Network Logistics does not use this column, although the column might be used in a future release.
No longer used	Oracle Network Logistics no longer uses this column. AutoInstall installs this column. Subsequent versions of Oracle Network Logistics might not include this column.
No longer installed	Oracle Network Logistics no longer uses this column. If you <i>upgraded</i> your software from an earlier version, you may still have this column, depending upon whether you chose to delete it during an upgrade process. If you <i>install</i> Oracle Network Logistics, you do not have this column.

Standard Who Columns

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

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

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

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

Additional Who Columns for Concurrent Programs

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

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

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

Indexes

If an Oracle Network Logistics 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 Network Logistics.

Sequences

Oracle Network Logistics 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 Network Logistics 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.

CUN_EQUIPMENT_CODES

CUN_EQUIPMENT_CODES stores the equipment codes from the manufacturer and the equipment codes will also be loaded into the MTL_LOT_NUMBERS table as lot numbers.

Column Descriptions

Name	Null?	Type	Description
ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Inventory organization identifier
MANUFACTURER_EQUIPMENT_CODE (PK)	NOT NULL	VARCHAR2(30)	Manufacturer equipment code
VENDOR_ID	NULL	NUMBER	Vendor identifier
MANUFACTURER_NAME	NULL	VARCHAR2(80)	Manufacturer name
MODEL_NUMBER	NULL	VARCHAR2(80)	Manufacturer model number
EXPIRATION_DATE	NULL	DATE	Expiration date for the equipment code
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CUN_EQUIPMENT_CODES_U1	UNIQUE	1	ITEM_ID
		2	ORGANIZATION_ID
		3	MANUFACTURER_EQUIPMENT_CODE

CUN_EQUIPMENT_CODES_INTERFACE

CUN_EQUIPMENT_CODES_INTERFACE is the interface table for loading equipment codes from external systems into Network Logistics.

Column Descriptions

Name	Null?	Type	Description
ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Inventory organization identifier
MANUFACTURER_EQUIPMENT_CODE (PK)	NOT NULL	VARCHAR2(30)	Manufacturer equipment code
VENDOR_ID	NULL	NUMBER	Vendor identifier
MANUFACTURER_NAME	NULL	VARCHAR2(80)	Manufacturer name
MODEL_NUMBER	NULL	VARCHAR2(80)	Manufacturer model number
EXPIRATION_DATE	NULL	DATE	Expiration date for the equipment code
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column
PROCESS_FLAG	NOT NULL	VARCHAR2(1)	Process flag
ERROR_CODE	NULL	VARCHAR2(30)	Error code
ERROR_DESC	NULL	VARCHAR2(240)	Error description

CUN_ERROR_LOG

CUN_ERROR_LOG stores the information for all errors occurred during the processing of Network Logistics event messages.

Column Descriptions

Name	Null?	Type	Description
ERROR_LOG_ID (PK)	NOT NULL	NUMBER	Error log unique identifier
ERROR_MESSAGE_NUMBER	NOT NULL	VARCHAR2(30)	Error message code
ERROR_DESCRIPTION	NOT NULL	VARCHAR2(2000)	Error description
MESSAGE_ID	NOT NULL	NUMBER	Network Logistics message identifier
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CUN_ERROR_LOG_U1	UNIQUE	1	ERROR_LOG_ID

CUN_INIT_LOAD_INTERFACE

CUN_INIT_LOAD_INTERFACE is the table for loading items or asset units from external systems into Network Logistics. You use the Initial Load process to validate and import the data into the Network Logistics tables.

Column Descriptions

Name	Null?	Type	Description
INIT_LOAD_ID (PK)	NOT NULL	NUMBER	Initial load unit identifier
ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Inventory organization identifier
QUANTITY	NOT NULL	NUMBER	Unit quantity
STATUS	NULL	VARCHAR2(30)	Network logistics unit status
SUBINVENTORY	NULL	VARCHAR2(30)	Subinventory code
LOCATOR_ID	NULL	NUMBER	Inventory locator identifier
REVISION	NULL	VARCHAR2(30)	Inventory item revision code
SERIAL_NUMBER	NULL	VARCHAR2(30)	Inventory serial number
VENDOR_SERIAL_NUMBER	NULL	VARCHAR2(30)	Vendor serial number
LOT_NUMBER	NULL	VARCHAR2(30)	Inventory lot number
FA_DISTRIBUTION_ID	NULL	NUMBER	Fixed asset distribution identifier
HZ_LOCATION_ID	NULL	NUMBER	HZ location identifier. This refers to the CUN_LOCATION_ID column in the CUN_LOCATIONS table in Release 11i.
PROJECT_ID	NULL	NUMBER	Project identifier
TASK_ID	NULL	NUMBER	Project task identifier
NETWORK_NUMBER	NULL	VARCHAR2(30)	Reserved for future use
VENDOR_ID	NULL	NUMBER	Vendor identifier
ASSET_GROUPING_ELEMENT1	NULL	VARCHAR2(150)	Asset grouping element 1
ASSET_GROUPING_ELEMENT2	NULL	VARCHAR2(150)	Asset grouping element 2
ASSET_GROUPING_ELEMENT3	NULL	VARCHAR2(150)	Asset grouping element 3
UTILIZATION	NULL	NUMBER	Reserved for future use
UTILIZATION_UOM	NULL	VARCHAR2(30)	Reserved for future use
CIRCUIT_ID	NULL	NUMBER	Reserved for future use
CAPACITY	NULL	NUMBER	Reserved for future use
REFERENCE_DATA	NULL	VARCHAR2(8)	Reserved for future use
LAST_TRANSACTION_ID	NULL	NUMBER	Transaction identifier for the last transaction
LOAD_FLAG	NOT NULL	VARCHAR2(1)	Indicates if this record has already been loaded into Network Logistics
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CUN_INIT_LOAD_U1	UNIQUE	1	INIT_LOAD_ID

CUN_LOCATIONS

CUN_LOCATIONS stores information for the mapping of network locations and locations in HR_LOCATIONS to asset locations.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FA_LOCATIONS	LOCATION_ID	FA_LOCATION_ID

Column Descriptions

Name	Null?	Type	Description
CUN_LOCATION_ID (PK)	NOT NULL	NUMBER	System generated unique location identifier
FA_LOCATION_ID	NOT NULL	NUMBER	Fixed asset location flexfield identification number
NETWORK_LOCATION_CODE	NULL	VARCHAR2(60)	Network location code or the CLLI code
LOCATION_ID	NULL	NUMBER	Location identifier from the HR_LOCATIONS view
DESCRIPTION	NULL	VARCHAR2(2000)	Description of the network or HR location
ENABLED_FLAG	NOT NULL	VARCHAR2(240)	Indicates whether the location is enabled or not. Either 'Y' or 'N'
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CUN_LOCATIONS_N1	NOT UNIQUE	1	LOCATION_ID
		2	NETWORK_LOCATION_CODE
CUN_LOCATIONS_U1	UNIQUE	1	CUN_LOCATION_ID

CUN_NON_SERIALIZED_UNITS

CUN_NON_SERIALIZED_UNITS is a repository containing information about the non-serialized units stored in Network Logistics. Each row in this table represents a unique state of the non-serialized units including the status, inventory, asset, and project information. When you perform a transaction on a Network Logistics trackable non-serialized unit, Network Logistics inserts a row into this table for a new state of the unit or updates the status and the corresponding information for the existing unit.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CUN_EQUIPMENT_CODES	MANUFACTURER_EQUIPMENT_CODE	LOT_NUMBER
CUN_LOCATIONS	CUN_LOCATION_ID	HZ_LOCATION_ID
CUN_TRANSACTIONS	TRANSACTION_ID	LAST_TRANSACTION_ID
FA_DISTRIBUTION_HISTORY	DISTRIBUTION_ID	FA_DISTRIBUTION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
STATUS	UNIT_STATUS	FND_LOOKUPS
	INSTALLED	Equipment installed
	IN_INVENTORY	In inventory
	IN_INV_DEPR	In depreciable inventory
	IN_SERVICE	In service
	IN_TRANSIT	In transit
	ISSUED	Issued to project
	MISC_ISSUED	Miscellaneous issued
	OUT_OF_SERVICE	Out of service
	RETIRED	Retired

Column Descriptions

Name	Null?	Type	Description
NON_SERIALIZED_UNIT_ID (PK)	NOT NULL	NUMBER	Unique non-serialized unit identifier
ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Inventory organization identifier
QUANTITY	NOT NULL	NUMBER	Non-serialized unit quantity
STATUS	NULL	VARCHAR2(240)	Network Logistics unit status
SUBINVENTORY	NULL	VARCHAR2(30)	Subinventory code
LOCATOR_ID	NULL	NUMBER	Inventory locator identifier
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
LOT_NUMBER	NULL	VARCHAR2(30)	Inventory lot number
FA_DISTRIBUTION_ID	NULL	NUMBER	Fixed asset distribution identifier
HZ_LOCATION_ID	NULL	NUMBER	HZ location identifier. This refers to the CUN_LOCATION_ID column in the CUN_LOCATIONS table in Release 11i.
PROJECT_ID	NULL	NUMBER	Project identifier

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TASK_ID	NULL	NUMBER	Project task identifier
NETWORK_NUMBER	NULL	VARCHAR2(30)	Reserved for future use
VENDOR_ID	NULL	NUMBER	Vendor identifier
ASSET_GROUPING_ELEMENT1	NULL	VARCHAR2(150)	Asset grouping element 1
ASSET_GROUPING_ELEMENT2	NULL	VARCHAR2(150)	Asset grouping element 2
ASSET_GROUPING_ELEMENT3	NULL	VARCHAR2(150)	Asset grouping element 3
UTILIZATION	NULL	NUMBER	Reserved for future use
UTILIZATION_UOM	NULL	VARCHAR2(30)	Reserved for future use
CIRCUIT_ID	NULL	NUMBER	Reserved for future use
CAPACITY	NULL	NUMBER	Reserved for future use
REFERENCE_DATA	NULL	VARCHAR2(8)	Reserved for future use
LAST_TRANSACTION_ID	NOT NULL	NUMBER	Transaction identifier for the last transaction
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CUN_NON_SERIALIZED_UNITS_N2	NOT UNIQUE	1	ITEM_ID
		2	ORGANIZATION_ID
		3	STATUS
		4	SUBINVENTORY
CUN_NON_SERIALIZED_UNITS_N3	NOT UNIQUE	1	FA_DISTRIBUTION_ID
CUN_NON_SERIALIZED_UNITS_N6	NOT UNIQUE	1	LAST_TRANSACTION_ID
CUN_NON_SERIALIZED_UNITS_U1	UNIQUE	1	NON_SERIALIZED_UNIT_ID

CUN_REDO_LOG

CUN_REDO_LOG contains information about the Network Logistics event messages and the corresponding unit records which need to be reprocessed due to processing errors or pending transactions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CUN_NON_SERIALIZED_UNITS	NON_SERIALIZED_UNIT_ID	CUN_UNIT_ID
CUN_SERIALIZED_UNITS	SERIALIZED_UNIT_ID	CUN_UNIT_ID

Column Descriptions

Name	Null?	Type	Description
REDO_LOG_ID (PK)	NOT NULL	NUMBER	Redo log unique identifier
CUN_UNIT_ID	NOT NULL	NUMBER	Identifies the Network Logistics unit record to be reprocessed
MESSAGE_ID	NOT NULL	NUMBER	Network Logistics message identifier
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CUN_REDO_LOG_N1	NOT UNIQUE	1	CUN_UNIT_ID
CUN_REDO_LOG_N2	NOT UNIQUE	1	MESSAGE_ID
CUN_REDO_LOG_U1	UNIQUE	1	REDO_LOG_ID

CUN_SERIALIZED_UNITS

CUN_SERIALIZED_UNITS is a repository containing information about the serialized units stored in Network Logistics. Each row in this table represents a unique state of the serialized units including the status, inventory, asset, and project information. When you perform a transaction on a Network Logistics trackable serialized unit, Network Logistics inserts a row into this table for the new unit or updates the status and the corresponding information for the existing unit.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CUN_EQUIPMENT_CODES	MANUFACTURER_EQUIPMENT_CODE	LOT_NUMBER
CUN_LOCATIONS	CUN_LOCATION_ID	HZ_LOCATION_ID
CUN_TRANSACTIONS	TRANSACTION_ID	LAST_TRANSACTION_ID
FA_DISTRIBUTION_HISTORY	DISTRIBUTION_ID	FA_DISTRIBUTION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
STATUS	UNIT_STATUS	FND_LOOKUPS
	INSTALLED	Equipment installed
	IN_INVENTORY	In inventory
	IN_INV_DEPR	In depreciable inventory
	IN_SERVICE	In service
	IN_TRANSIT	In transit
	ISSUED	Issued to project
	MISC_ISSUED	Miscellaneous issued
	OUT_OF_SERVICE	Out of service
	RETIRED	Retired

Column Descriptions

Name	Null?	Type	Description
SERIALIZED_UNIT_ID (PK)	NOT NULL	NUMBER	Unique serialized unit identifier
ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Inventory organization identifier
QUANTITY	NULL	NUMBER	Serialized unit quantity
STATUS	NULL	VARCHAR2(240)	Network Logistics unit status
SUBINVENTORY	NULL	VARCHAR2(30)	Subinventory code
LOCATOR_ID	NULL	NUMBER	Inventory locator identifier
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
SERIAL_NUMBER	NOT NULL	VARCHAR2(30)	Inventory serial number
VENDOR_SERIAL_NUMBER	NULL	VARCHAR2(30)	Vendor serial number
LOT_NUMBER	NULL	VARCHAR2(30)	Inventory lot number
FA_DISTRIBUTION_ID	NULL	NUMBER	Fixed asset distribution identifier
HZ_LOCATION_ID	NULL	NUMBER	HZ location identifier. This refers to the CUN_LOCATION_ID column in the CUN_LOCATIONS table in Release 11i.

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PROJECT_ID	NULL	NUMBER	Project identifier
TASK_ID	NULL	NUMBER	Project task identifier
NETWORK_NUMBER	NULL	VARCHAR2(30)	Reserved for future use
VENDOR_ID	NULL	NUMBER	Vendor identifier
ASSET_GROUPING_ELEMENT1	NULL	VARCHAR2(150)	Asset grouping element 1
ASSET_GROUPING_ELEMENT2	NULL	VARCHAR2(150)	Asset grouping element 2
ASSET_GROUPING_ELEMENT3	NULL	VARCHAR2(150)	Asset grouping element 3
UTILIZATION	NULL	NUMBER	Reserved for future use
UTILIZATION_UOM	NULL	VARCHAR2(30)	Reserved for future use
CIRCUIT_ID	NULL	NUMBER	Reserved for future use
CAPACITY	NULL	NUMBER	Reserved for future use
REFERENCE_DATA	NOT NULL	VARCHAR2(8)	Reserved for future use
LAST_TRANSACTION_ID	NOT NULL	NUMBER	Transaction identifier for the last transaction
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CUN_SERIALIZED_UNITS_N1	NOT UNIQUE	1	ITEM_ID
		2	ORGANIZATION_ID
		3	STATUS
		4	SERIAL_NUMBER
		5	SUBINVENTORY
CUN_SERIALIZED_UNITS_N2	NOT UNIQUE	1	FA_DISTRIBUTION_ID
CUN_SERIALIZED_UNITS_N3	NOT UNIQUE	1	LAST_TRANSACTION_ID
CUN_SERIALIZED_UNITS_U1	UNIQUE	1	SERIALIZED_UNIT_ID
CUN_SERIALIZED_UNITS_U2	UNIQUE	1	ITEM_ID
		2	ORGANIZATION_ID
		3	SERIAL_NUMBER

CUN_TRANSACTIONS

CUN_TRANSACTIONS contains the transaction history of both non-serialized and serialized units. Each row in this table stores the transaction state of Network Logistics trackable units including the transaction date, transaction type, transaction status, inventory, asset, and project information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CUN_TRANSACTIONS	TRANSACTION_ID	RELATED_TRANSACTION_ID
CUN_TRANSACTIONS	TRANSACTION_ID	LAST_TRANSACTION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TRANSACTION_STATUS	TRANSACTION STATUS	FND_LOOKUPS
	C	Complete
	E	Error
	I	Incomplete
	R	Pending for recovery
TRANSACTION_TYPE	TRANSACTION TYPE	FND_LOOKUPS
	ADJUSTMENT_ADD	Adjustment add
	ADJUSTMENT_UPDATE	Adjustment update
	AP_ADJUSTMENT	AP invoice adjustment
	AP_INVOICE	AP invoice payment
	INITIAL_LOAD	Initial load
	INSTALLED	Installed
	INTERORG_TRANSFER	Inter Organization Transfer
	IN_SERVICE	In service
	ISSUE_TO_PROJECT	Issued to Project
	ITEM_MOVE	Item move
	MISC_ISSUE	Miscellaneous Issue
	MISC_RECEIPT	Miscellaneous receipt
	OUT_OF_SERVICE	Out of service
	RECEIPT_INTO_INVENTORY	Receipt into inventory
	RECEIPT_INTO_INV_DEPR	Receipt into depreciable inventory
	RECEIPT_INTO_PROJECT	Receipt into project
	REINSTATEMENT	Asset reinstatement
	RETIREMENT	Asset retirement
	SUBINVENTORY_TRANSFER	Subinventory transfer

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Unique transaction identifier
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
TRANSACTIONED_BY	NOT NULL	NUMBER	Indicates the person who performed the transaction
TRANSACTION_TYPE	NOT NULL	VARCHAR2(240)	Indicates the type of transaction
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity
TRANSACTION_STATUS	NULL	VARCHAR2(240)	Indicates the transaction processing status

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ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Inventory organization identifier
QUANTITY_INVOICED		NULL NUMBER	Item quantity that has been invoiced
STATUS		NULL VARCHAR2(30)	Network Logistics unit status
SUBINVENTORY		NULL VARCHAR2(30)	Subinventory code
LOCATOR_ID		NULL NUMBER	Inventory locator identifier
REVISION		NULL VARCHAR2(3)	Inventory item revision code
SERIAL_NUMBER	NOT NULL	VARCHAR2(30)	Inventory serial number
VENDOR_SERIAL_NUMBER		NULL VARCHAR2(30)	Vendor serial number
LOT_NUMBER		NULL VARCHAR2(30)	Inventory lot number
FA_DISTRIBUTION_ID	NOT NULL	NUMBER	Fixed asset distribution identifier
PO_DISTRIBUTION_ID		NULL NUMBER	Purchase order distribution identifier
HZ_LOCATION_ID	NOT NULL	NUMBER	HZ location identifier. This refers to the CUN_LOCATION_ID column in the CUN_LOCATIONS table in Release 11i.
PROJECT_ID		NULL NUMBER	Project identifier
TASK_ID		NULL NUMBER	Project task identifier
WORK_ORDER_NUMBER		NULL VARCHAR2(30)	Work order identifier
RELATED_TRANSACTION_ID	NOT NULL	NUMBER	Transaction identifier of the related transfer transaction
LAST_TRANSACTION_ID		NULL NUMBER	Transaction identifier for the last transaction
PO_HEADER_ID		NULL NUMBER	Purchase order header identifier
PO_LINE_ID		NULL NUMBER	Purchase order line identifier
RECEIPT_LINE_ID		NULL NUMBER	Receipt line identifier
EXPENDITURE_ITEM_ID		NULL NUMBER	Expenditure item identifier
AP_INVOICE_ID		NULL NUMBER	Invoice identifier
AP_INVOICE_DISTRIBUTION_ID		NULL NUMBER	Invoice distribution identifier
VENDOR_ID		NULL NUMBER	Vendor identifier
RCV_TRANSACTION_ID		NULL NUMBER	Receiving transaction identifier
MTL_TRANSACTION_ID		NULL NUMBER	Material Transaction identifier
RTV_REASON_CODE		NULL VARCHAR2(30)	Reserved for future use
RMA_NUMBER		NULL VARCHAR2(240)	Reserved for future use
SHIPMENT_HEADER_ID		NULL NUMBER	Shipment header identifier
SHIPPED_DATE		NULL DATE	Shipment date
RECEIPT_DATE		NULL DATE	Receipt date
RECEIPT_SOURCE_CODE		NULL VARCHAR2(30)	Source type of the shipment
INSTALLED_DATE		NULL DATE	Indicates the date when the equipment is installed
IN_SERVICE_DATE		NULL DATE	Indicates the date when the equipment is placed in service
EFFECTIVE_DATE		NULL DATE	Effective Date
RETIRED_DATE		NULL DATE	Indicates the date when the asset is retired
NETWORK_NUMBER		NULL VARCHAR2(30)	Reserved for future use
FREIGHT_CARRIER_CODE		NULL VARCHAR2(25)	Reserved for future use
WAYBILL_AIRBILL_NUM		NULL VARCHAR2(20)	Reserved for future use
MESSAGE_ID		NULL NUMBER	Network Logistics message identifier
ASSET_GROUPING_ELEMENT1		NULL VARCHAR2(150)	Asset grouping element 1
ASSET_GROUPING_ELEMENT2		NULL VARCHAR2(150)	Asset grouping element 2
ASSET_GROUPING_ELEMENT3		NULL VARCHAR2(150)	Asset grouping element 3
UTILIZATION		NULL NUMBER	Reserved for future use

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UTILIZATION_UOM	NULL	VARCHAR2(30)	Reserved for future use
CIRCUIT_ID	NULL	NUMBER	Reserved for future use
CAPACITY	NULL	NUMBER	Reserved for future use
REFERENCE_DATA	NULL	VARCHAR2(8)	Reserved for future use

Indexes

Index Name	Index Type	Sequence	Column Name
CUN_TRANSACTIONS_N1	NOT UNIQUE	1	FA_DISTRIBUTION_ID
CUN_TRANSACTIONS_N2	NOT UNIQUE	1	PO_DISTRIBUTION_ID
CUN_TRANSACTIONS_N3	NOT UNIQUE	1	AP_INVOICE_DISTRIBUTION_ID
CUN_TRANSACTIONS_N4	NOT UNIQUE	1	EXPENDITURE_ITEM_ID
CUN_TRANSACTIONS_N5	NOT UNIQUE	1	LAST_TRANSACTION_ID
CUN_TRANSACTIONS_N6	NOT UNIQUE	1	RCV_TRANSACTION_ID
CUN_TRANSACTIONS_N7	NOT UNIQUE	1	MTL_TRANSACTION_ID
CUN_TRANSACTIONS_U1	UNIQUE	1	TRANSACTION_ID

CUN_TRANS_ERRORS

CUN_TRANS_ERRORS captures information for the transaction errors from the source systems. This table is for internal use only.

Column Descriptions

Name	Null?	Type	Description
ID (PK)	NOT NULL	VARCHAR2(240)	Transaction source identifier
ERROR_PROCEDURE	NULL	VARCHAR2(100)	Procedure that causes the error
ERROR_CODE	NULL	NUMBER	Error code
ERROR_MESSAGE	NULL	VARCHAR2(2000)	Error message
CREATION_DATE	NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column

CUN_TRANS_TEMP

CUN_TRANS_TEMP contains the temporary transaction information from the source systems. This table is for internal use only.

Column Descriptions

Name	Null?	Type	Description
ID (PK)	NOT NULL	NUMBER	Transaction source identifier
CREATION_DATE	NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column

FA_DISTRIBUTION_HISTORY

FA_DISTRIBUTION_HISTORY contains information about the employee, location, and Accounting Flexfield values you assign to your assets. The depreciation program uses this information to allocate depreciation expense and the Transfers form uses it to maintain an audit trail of asset transfers.

When you initially assign distributions to an asset using the Transfers form, Oracle Assets inserts one row into this table for each distribution. Whenever you transfer, retire, reinstate, or reclassify an asset, Oracle Assets marks the appropriate rows as obsolete and creates new rows that reflect changes in assigned units, employees, general ledger depreciation expense account, or location.

Oracle Assets terminates a row by setting the DATE_INEFFECTIVE and TRANSACTION_HEADER_ID_OUT to the DATE_EFFECTIVE and TRANSACTION_HEADER_ID_IN of the new row. This means you can identify rows affected by the same transaction because they have the same DATE_EFFECTIVE / DATE_INEFFECTIVE and TRANSACTION_HEADER_ID_IN / TRANSACTION_HEADER_ID_OUT pairs. For new rows, TRANSACTION_HEADER_ID_IN is the same as TRANSACTION_HEADER_ID of the row inserted into FA_TRANSACTION_HEADERS for the transaction, and DATE_EFFECTIVE is the system date.

When you perform a full retirement, Oracle Assets updates the asset's current distribution lines with the RETIREMENT_ID from FA_RETIREMENTS so you can easily determine which retirement affected the rows. Oracle Assets stores the number of units retired as a negative number in TRANSACTION_UNITS. The sum of TRANSACTION_UNITS for the retired distribution lines matches the UNITS column in FA_RETIREMENTS, except the signs are opposite.

When you perform a partial unit retirement, Oracle Assets updates only the rows affected by the retirement. For any distribution lines that have units remaining after the retirement, Oracle Assets inserts new rows into this table where UNITS_ASSIGNED is reduced by the units retired, and terminates the old rows.

Partial cost retirements do not affect this table.

If you reinstate a full retirement, Oracle Assets inserts new rows that are the same as those that were active when you retired the asset, except that they have a different DISTRIBUTION_ID, TRANSACTION_HEADER_ID_IN and DATE_EFFECTIVE. If you reinstate a partial unit retirement, Oracle Assets inserts new rows that

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are the same as those that were active except UNITS_ASSIGNED increases by the units retired and the rows have a new DISTRIBUTION_ID, TRANSACTION_HEADER_ID_IN and DATE_EFFECTIVE.

Oracle Assets terminates the previous rows by setting TRANSACTION_HEADER_ID_OUT to the TRANSACTION_HEADER_ID of the reinstated transaction.

RETIREMENT_ID identifies all the rows affected by a retirement.

TRANSACTION_UNITS is the number of units affected by each retirement, reinstatement, transfer, addition or reclassification transaction.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FA_ADDITIONS_B	ASSET_ID	ASSET_ID
FA_BOOKS	TRANSACTION_HEADER_ID_IN	TRANSACTION_HEADER_ID_IN
FA_BOOK_CONTROLS	BOOK_TYPE_CODE	BOOK_TYPE_CODE
FA_LOCATIONS	LOCATION_ID	LOCATION_ID
FA_RETIREMENTS	RETIREMENT_ID	RETIREMENT_ID
FA_TRANSACTION_HEADERS	TRANSACTION_HEADER_ID	TRANSACTION_HEADER_ID_IN
FA_TRANSACTION_HEADERS	TRANSACTION_HEADER_ID	TRANSACTION_HEADER_ID_OUT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CODE_COMBINATION_ID

Column Descriptions

Name	Null?	Type	Description
DISTRIBUTION_ID (PK)	NOT NULL	NUMBER(15)	Unique distribution identification number
BOOK_TYPE_CODE	NOT NULL	VARCHAR2(15)	Book name
ASSET_ID	NOT NULL	NUMBER(15)	Asset identification number
UNITS_ASSIGNED	NOT NULL	NUMBER	Number of units assigned to the distribution
DATE_EFFECTIVE	NOT NULL	DATE	Date the distribution became active
CODE_COMBINATION_ID	NOT NULL	NUMBER(15)	Depreciation expense account identification number
LOCATION_ID	NOT NULL	NUMBER(15)	Location flexfield identification number
TRANSACTION_HEADER_ID_IN	NOT NULL	NUMBER(15)	Identifies the transaction that created the distribution
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
DATE_INEFFECTIVE	NULL	DATE	Date the distribution became inactive
ASSIGNED_TO	NULL	NUMBER(15)	Employee identification number
TRANSACTION_HEADER_ID_OUT	NULL	NUMBER(15)	Identifies the transaction that made the distribution obsolete
TRANSACTION_UNITS	NULL	NUMBER	Number of units involved in the transaction. Negative for the row from which the units were transferred away or retired. Positive for the row to which the units were transferred or added.
RETIREMENT_ID	NULL	NUMBER(15)	Identifies a retirement

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LAST_UPDATE_LOGIN

NULL NUMBER(15)

Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
FA_DISTRIBUTION_HISTORY_N1	NOT UNIQUE	1	TRANSACTION_HEADER_ID_IN
FA_DISTRIBUTION_HISTORY_N2	NOT UNIQUE	1	ASSET_ID
		2	BOOK_TYPE_CODE
FA_DISTRIBUTION_HISTORY_N3	NOT UNIQUE	1	TRANSACTION_HEADER_ID_OUT
FA_DISTRIBUTION_HISTORY_N4	NOT UNIQUE	1	RETIREMENT_ID
		2	BOOK_TYPE_CODE
FA_DISTRIBUTION_HISTORY_N5	NOT UNIQUE	1	CODE_COMBINATION_ID
FA_DISTRIBUTION_HISTORY_N6	NOT UNIQUE	1	LOCATION_ID
FA_DISTRIBUTION_HISTORY_N7	NOT UNIQUE	1	ASSIGNED_TO
FA_DISTRIBUTION_HISTORY_U1	UNIQUE	1	DISTRIBUTION_ID

Sequences

Sequence	Derived Column
FA_DISTRIBUTION_HISTORY_S	DISTRIBUTION_ID

FA_LOCATIONS

FA_LOCATIONS stores valid location flexfield segment value combinations. Oracle Assets uses this table for responsibility reporting and to prevent you from transferring assets to invalid locations.

Segment values are stored in the SEGMENT columns. The segment columns that Oracle Assets uses are not guaranteed to be in any order. The Application Object Library table FND_ID_FLEX_SEGMENTS stores information about which column in this table is used for each segment.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ENABLED_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES
SUMMARY_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES

Column Descriptions

Name	Null?	Type	Description
LOCATION_ID (PK)	NOT NULL	NUMBER(15)	Unique identification number for each location defined in the table
SEGMENT1	NULL	VARCHAR2(30)	Key flexfield segment
SEGMENT2	NULL	VARCHAR2(30)	Key flexfield segment
SEGMENT3	NULL	VARCHAR2(30)	Key flexfield segment
SEGMENT4	NULL	VARCHAR2(30)	Key flexfield segment
SEGMENT5	NULL	VARCHAR2(30)	Key flexfield segment
SEGMENT6	NULL	VARCHAR2(30)	Key flexfield segment
SEGMENT7	NULL	VARCHAR2(30)	Key flexfield segment
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Used by Application Object Library for flexfield definition
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this location is still active
START_DATE_ACTIVE	NULL	DATE	Date the location becomes active
END_DATE_ACTIVE	NULL	DATE	Date the location becomes inactive
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment

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ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE_CATEGORY_CODE	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column

Indexes

Index Name	Index Type	Sequence	Column Name
FA_LOCATIONS_N1	NOT UNIQUE	1	SEGMENT1
FA_LOCATIONS_N2	NOT UNIQUE	1	SEGMENT2
FA_LOCATIONS_N3	NOT UNIQUE	1	SEGMENT3
FA_LOCATIONS_N4	NOT UNIQUE	1	SEGMENT4
FA_LOCATIONS_N5	NOT UNIQUE	1	SEGMENT5
FA_LOCATIONS_N6	NOT UNIQUE	1	SEGMENT6
FA_LOCATIONS_N7	NOT UNIQUE	1	SEGMENT7
FA_LOCATIONS_U1	UNIQUE	1	LOCATION_ID

Sequences

Sequence	Derived Column
FA_LOCATIONS_S	LOCATION_ID

MTL_MATERIAL_TRANSACTIONS

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

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

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

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

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

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

Foreign Keys

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

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

QuickCodes Columns

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

Column Descriptions

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

TRANSACTION_SOURCE_TYPE_ID	NOT NULL	NUMBER	Transaction source type identifier
TRANSACTION_SOURCE_ID	NULL	NUMBER	Transaction source identifier
TRANSACTION_SOURCE_NAME	NULL	VARCHAR2(30)	Transaction source identifier
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity
TRANSACTION_UOM	NOT NULL	VARCHAR2(3)	Transaction unit of measure
PRIMARY_QUANTITY	NOT NULL	NUMBER	Transaction quantity in terms of primary uom of the item
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
VARIANCE_AMOUNT	NULL	NUMBER	Used for average cost update transactions
ACCT_PERIOD_ID	NULL	NUMBER	Accounting period identifier
TRANSACTION_REFERENCE	NULL	VARCHAR2(240)	Transaction reference code
REASON_ID	NULL	NUMBER	Transaction reason identifier
DISTRIBUTION_ACCOUNT_ID	NULL	NUMBER	Distribution account identifier
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account identifier for PO transactions
ENCUMBRANCE_AMOUNT	NULL	NUMBER	Total encumbrance amount
COST_UPDATE_ID	NULL	NUMBER	Cost identifier
COSTED_FLAG	NULL	VARCHAR2(1)	Costed flag to mark if the transactions are costed or not
TRANSACTION_GROUP_ID	NULL	NUMBER	Transaction group identifier for distribution processing by the cost processor
INVOICED_FLAG	NULL	VARCHAR2(1)	Invoiced flag to mark if the transactions are invoiced
ACTUAL_COST	NULL	NUMBER	Actual cost
TRANSACTION_COST	NULL	NUMBER	The cost entered by the user during a transaction
PRIOR_COST	NULL	NUMBER	Item cost before the transaction
NEW_COST	NULL	NUMBER	Item cost after the transaction processing
CURRENCY_CODE	NULL	VARCHAR2(10)	Currency conversion code
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency conversion type
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency conversion date
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	ussgl transaction code
QUANTITY_ADJUSTED	NULL	NUMBER	Standard cost quantity adjusted
EMPLOYEE_CODE	NULL	VARCHAR2(10)	Transaction requestor
DEPARTMENT_ID	NULL	NUMBER	Department identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number within a routing
MASTER_SCHEDULE_UPDATE_CODE	NULL	VARCHAR2(10)	Master schedule update code
RECEIVING_DOCUMENT	NULL	VARCHAR2(10)	Receiving document
PICKING_LINE_ID	NULL	NUMBER	Picking line id
TRX_SOURCE_LINE_ID	NULL	NUMBER	Line level transaction source id
TRX_SOURCE_DELIVERY_ID	NULL	NUMBER	Sales order delivery identifier
REPETITIVE_LINE_ID	NULL	NUMBER	Repetitive line id
PHYSICAL_ADJUSTMENT_ID	NULL	NUMBER	Physical adjustment identifier
CYCLE_COUNT_ID	NULL	NUMBER	Cycle count identifier
RMA_LINE_ID	NULL	NUMBER	Rma line identifier
TRANSFER_TRANSACTION_ID	NULL	NUMBER	Transaction id of the opposing transfer transaction
TRANSACTION_SET_ID	NULL	NUMBER	Transaction group identifier
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 account to be charged for outside processing
OVERHEAD_ACCOUNT	NULL	NUMBER	Specifies the overhead account
COST_GROUP_ID	NULL	NUMBER	Cost group identifier
TRANSFER_COST_GROUP_ID	NULL	NUMBER	Transfer cost group identifier
FLOW_SCHEDULE	NULL	VARCHAR2(1)	Specifies whether the WIP transaction is a flow or a schedule type transaction
QA_COLLECTION_ID	NULL	NUMBER	Quality Results Identifier
OVERCOMPLETION_TRANSACTION_QTY	NULL	NUMBER	Overcompletion transaction quantity
OVERCOMPLETION_PRIMARY_QTY	NULL	NUMBER	Overcompletion Primary quantity
OVERCOMPLETION_TRANSACTION_ID	NULL	NUMBER	Overcompletion transaction Identifier
MVT_STAT_STATUS	NULL	VARCHAR2(240)	Flag to indicate that the transaction is updated/processed/new
COMMON_BOM_SEQ_ID	NULL	NUMBER	BOM identifier of common bill
COMMON_ROUTING_SEQ_ID	NULL	NUMBER	Routing identifier of common routing
ORG_COST_GROUP_ID	NULL	NUMBER	organization's cost group id
COST_TYPE_ID	NULL	NUMBER	cost type id
PERIODIC_PRIMARY_QUANTITY	NULL	NUMBER	transaction quantity converted to primary uom of the transfer organization in case of periodic costing
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.

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

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

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

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

MTL_SYSTEM_ITEMS_B

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

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

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

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

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

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

Foreign Keys

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

QuickCodes Columns

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

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	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 restricted to pre-defined list
RETURNABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RETURN_INSPECTION_REQUIREMENT	MTL_RETURN_INSPECTION	MFG_LOOKUPS
	1	Inspection required
	2	Inspection not required

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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 quantities
SERIAL_NUMBER_CONTROL_CODE	MTL_SERIAL_NUMBER	MFG_LOOKUPS
	1	No serial number control
	2	Predefined serial numbers
	5	Dynamic entry at inventory receipt
	6	Dynamic entry at sales order issue
SERVICEABLE_COMPONENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SERVICEABLE_PRODUCT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SERVICE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SHELF_LIFE_CODE	MTL_SHELF_LIFE	MFG_LOOKUPS
	1	No shelf life control
	2	Item shelf life days
	4	User-defined expiration date
SHIPPABLE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SHIP_MODEL_COMPLETE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SOURCE_TYPE	MTL_SOURCE_TYPES	MFG_LOOKUPS
	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.

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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