

Oracle® Shop Floor Management Technical Reference Manual

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Oracle® Shop Floor Management Technical Reference Manual
Release 11i

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Major Contributors: Rakesh Kumar, Balasubramaniyan Balakumar, Deepali Gosain

Contributors: Martin Ertel, Zoe Mitchell

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Introduction

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

This chapter introduces you to the *Oracle Shop Floor Management 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 Shop Floor Management Technical Reference Manual* contains detailed, up-to-date information about the underlying structure of Oracle Shop Floor Management. As we design and build new releases of Oracle Shop Floor Management, we update our Oracle Designer repository to reflect our enhancements. As a result, we can always provide you with an *Oracle Shop Floor Management Technical Reference Manual* that contains the latest technical information as of the publication date. Note that after the publication date we may have added new indexes to Oracle Shop Floor Management to improve performance.

About this Manual

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

If you have upgraded from a previous release, you might find it helpful to use this manual with the appropriate *Oracle Applications Product Update Notes* manual. The product update notes list database changes and seed data changes in Oracle Shop Floor Management between releases. The *Oracle Applications Product Update Notes Release 11* manual describes the changes between Release 10.7 and Release 11, and the *Oracle Applications Product Update Notes Release 11i* manual describes the changes between Release 11 and Release 11i.

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

Finding the Latest Information

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

Audience

The *Oracle Shop Floor Management Technical Reference Manual* provides useful guidance and assistance to:

- Technical End Users
- Consultants
- Systems Analysts
- System Administrators
- Other MIS professionals

This manual assumes that you have a basic understanding of structured analysis and design, and of relational databases. It also assumes that you are familiar with Oracle Application Object Library and Oracle Shop Floor Management. If you are not familiar with the above products, we suggest that you attend one or more of the training classes available through Oracle Education (see: Other Information Sources: page 1 – 8).

How This Manual is Organized

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

High-Level Design

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

Detailed Design

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

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

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

How Not To Use This Manual

Do not use this manual to plan modifications

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

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

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

You are responsible for the support and upgrade of the logic within the procedures that you write, which may be affected by changes between releases of Oracle Applications.

Do not rely on upward compatibility of the data model

Oracle reserves the right to change the structure of Oracle Shop Floor Management tables, and to change the meaning of, add, or delete lookup codes and other data in future releases. We do not guarantee the upward compatibility of the Oracle Shop Floor Management data model. For example, if you write a report that identifies concurrent requests that end in Error status by selecting directly from Oracle Application Object Library tables, we do not guarantee that your report will work properly after an upgrade.

About Oracle Application Object Library

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

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

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

A Few Words About Terminology

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

Relationship

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

Database Diagram

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

Module

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

Application Building Block

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

QuickCodes

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

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

Form

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

Other Information Sources

There are additional information sources, including other documentation, training and support services, that you can use to increase your knowledge and understanding of Oracle Designer, Oracle Application Object Library, and Oracle Shop Floor Management. We want to make these products easy for you and your staff to understand and use.

Oracle Designer Online Documentation

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

Oracle Applications Developer's Guide

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

Oracle Applications User Interface Standards

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

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

Oracle Shop Floor Management User Guide

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

Oracle Self-Service Web Applications Online Documentation

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

Oracle Applications Flexfields Guide

This guide provides flexfields planning, setup and reference information for the Oracle Shop Floor Management implementation team, as well as for users responsible for the ongoing maintenance of Oracle Applications product data. This manual also provides information on creating custom reports on flexfields data.

Oracle Workflow Guide

This manual explains how to define new workflow business processes as well as customize existing Oracle Applications-embedded workflow processes. You also use this guide to complete the setup steps necessary for any Oracle Applications product that includes workflow-enabled processes.

Oracle Alert User Guide

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

Multiple Reporting Currencies in Oracle Applications

If you use the Multiple Reporting Currencies feature to report and maintain accounting records in more than one currency, use this

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

Multiple Organizations in Oracle Applications

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

Oracle Manufacturing, Distribution, Sales and Service Open Interfaces Manual

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

Oracle Applications Messages Manual

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

Installation and System Administration

Oracle Applications Installation Release Notes

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

Oracle Applications Concepts

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

Installing Oracle Applications

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

Using the AD Utilities

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

Upgrading Oracle Applications

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

Oracle Applications System Administrator's Guide

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

Oracle Applications Product Update Notes

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

Oracle Self-Service Web Applications Implementation Manual

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

Oracle Applications Implementation Wizard User Guide

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

Other Information

Training

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

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

Support

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

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

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

Thank You

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Oracle Applications Documentation Manager
Oracle Corporation
500 Oracle Parkway
Redwood Shores, California 94065
U.S.A.

Or, send electronic mail to appsdoc@us.oracle.com.

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High-Level Design

This chapter presents a high-level design for Oracle Shop Floor Management that satisfies the business needs we specify during Strategy and Analysis. It contains database diagrams for Oracle Shop Floor Management 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 Shop Floor Management applications. And, you can prepare yourself to understand the detailed design and implementation of Oracle Shop Floor Management.

Database Diagrams

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

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

Table Lists

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

Public Tables

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

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

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Internal Tables

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

View Lists

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

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

Public Views

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

Web Views

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

Internal Views

This section includes each private, internal view that Oracle Shop Floor Management 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 Shop Floor Management applications modules. This section lists forms, reports, and concurrent programs.

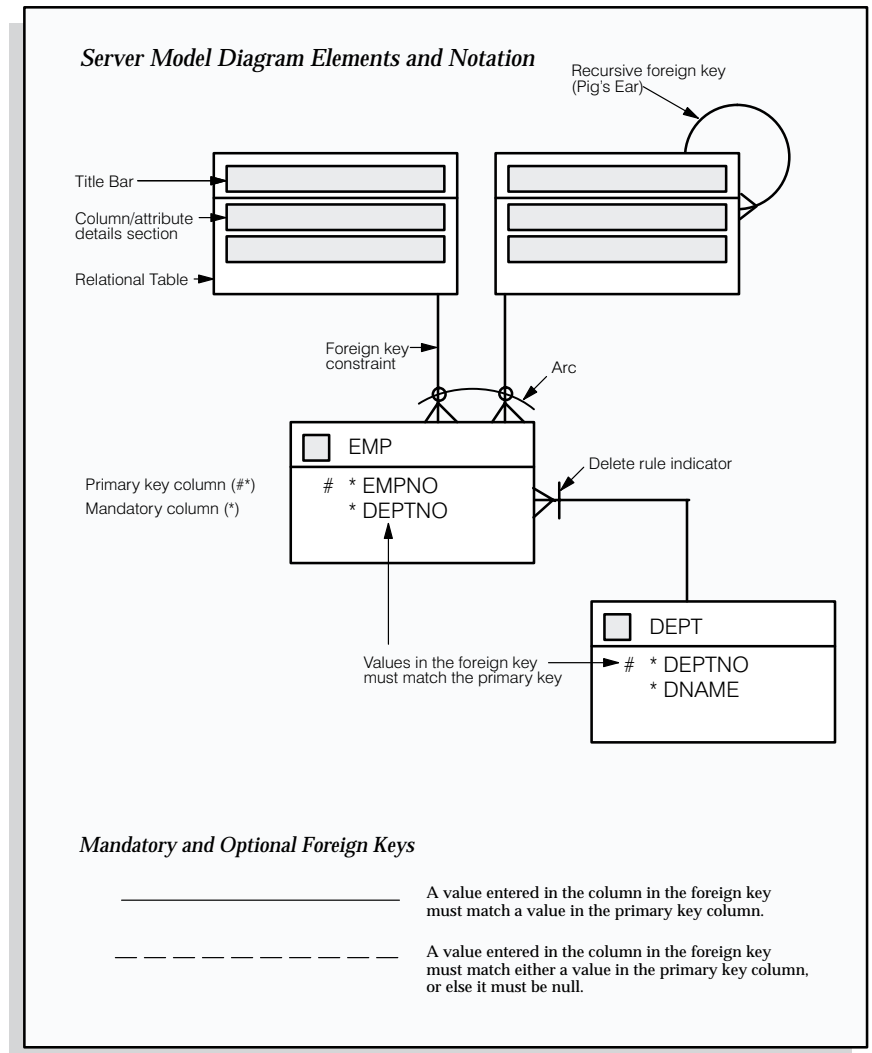
A form is a module comprised of closely related windows that are used together to perform a task. For example, the Enter Journals form in Oracle General Ledger includes the Enter Journals window, the Batch window, and the More Actions window. The Enter Journals window is the main window, and from it,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

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

Database Diagramming Conventions

We use the following notational conventions in our database diagrams:

Figure 2 – 1
Database Diagram
Conventions



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

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

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

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

Database Diagrams

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

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

- Diagram 1: Setup
- Diagram 2: Co-Products
- Diagram 3: Lot Based Jobs
- Diagram 4: WIP Move Transactions
- Diagram 5: WIP Lot Transactions
- Diagram 6: Inventory Lot Transactions

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.

Setup

Diagram 1 shows the tables and relationships associated with setting up Oracle Shop Floor Management. The tables store sector extensions, parameters, standard operation details, and other setup information.

Co-Products

Diagram 2 shows the tables and relationships associated with entering co-product information. The tables store co-products, co-product substitutes, and other co-product information.

Lot Based Jobs

Diagram 3 shows the tables and relationships utilized when you create lot based jobs.

WIP Move Transactions

Diagram 4 shows the tables and relationships related to WIP Move Transactions. The tables store job name, operation sequence number and other move transaction information.

WIP Lot Transactions

Diagram 5 shows the tables and relationships associated with WIP Lot Transactions. WIP lot transactions are split, merge, update assembly, bonus, update routing, update quantity, and update lot name.

Inventory Lot Transactions

Diagram 6 shows the tables and relationships associated with Inventory Lot Transactions. Inventory lot transactions are split, merge, translate and transfer.

Diagram 1: Setup

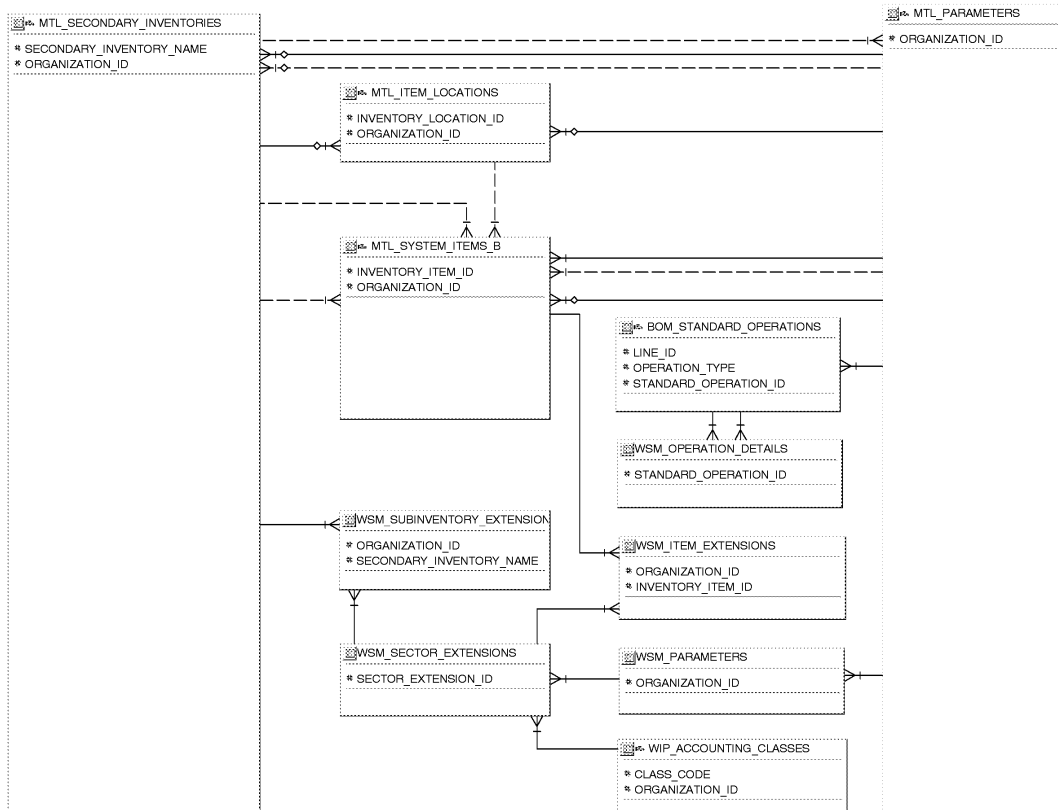


Diagram 2: Co-Products

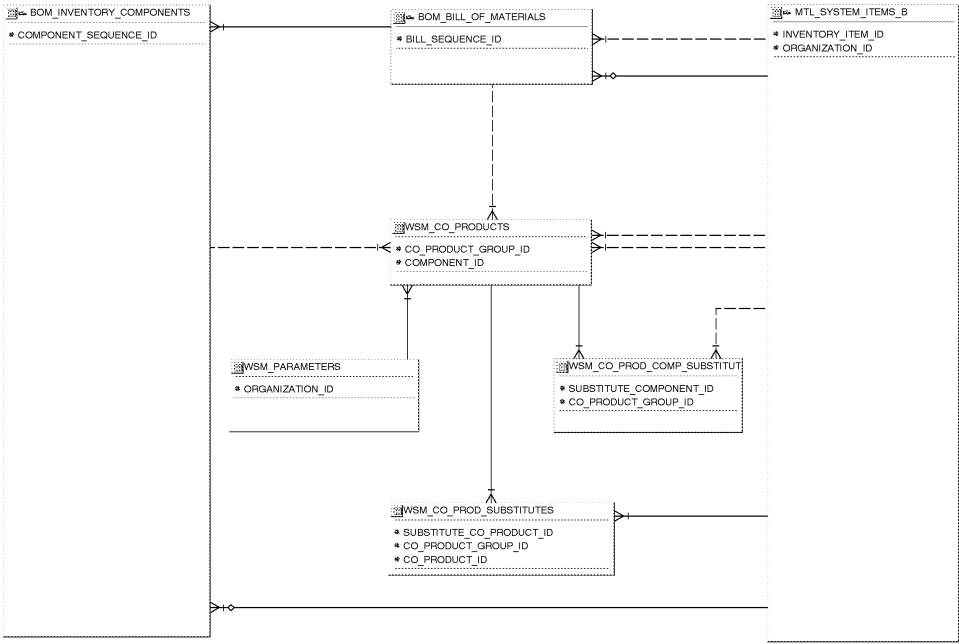


Diagram 3: Lot Based Jobs

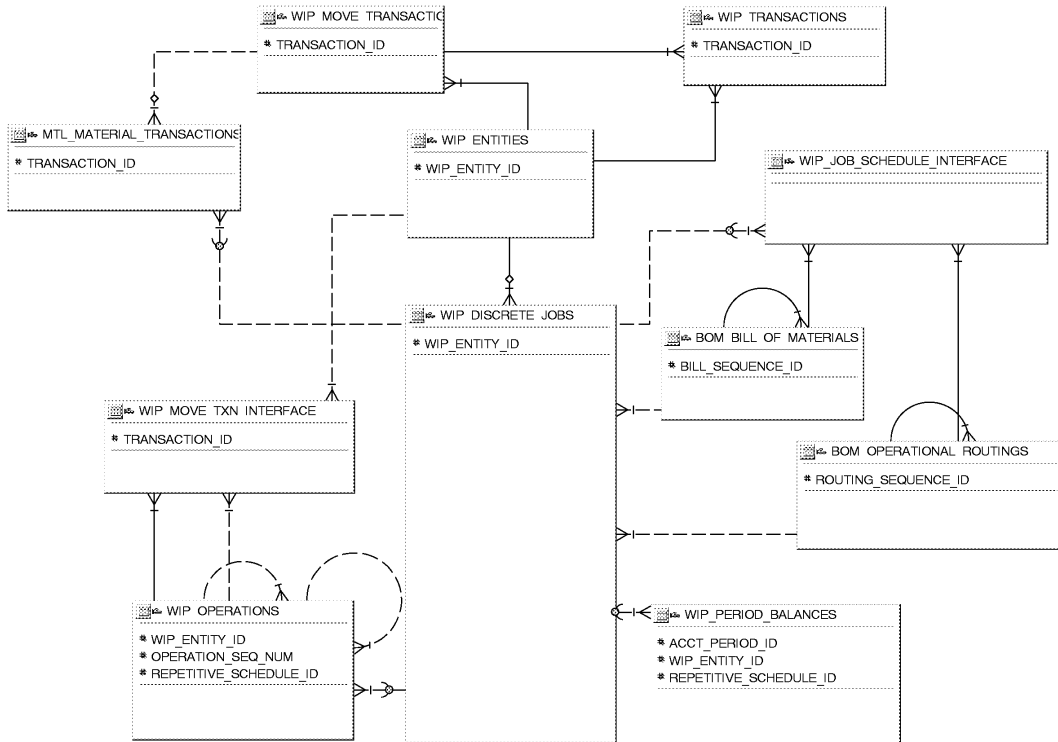
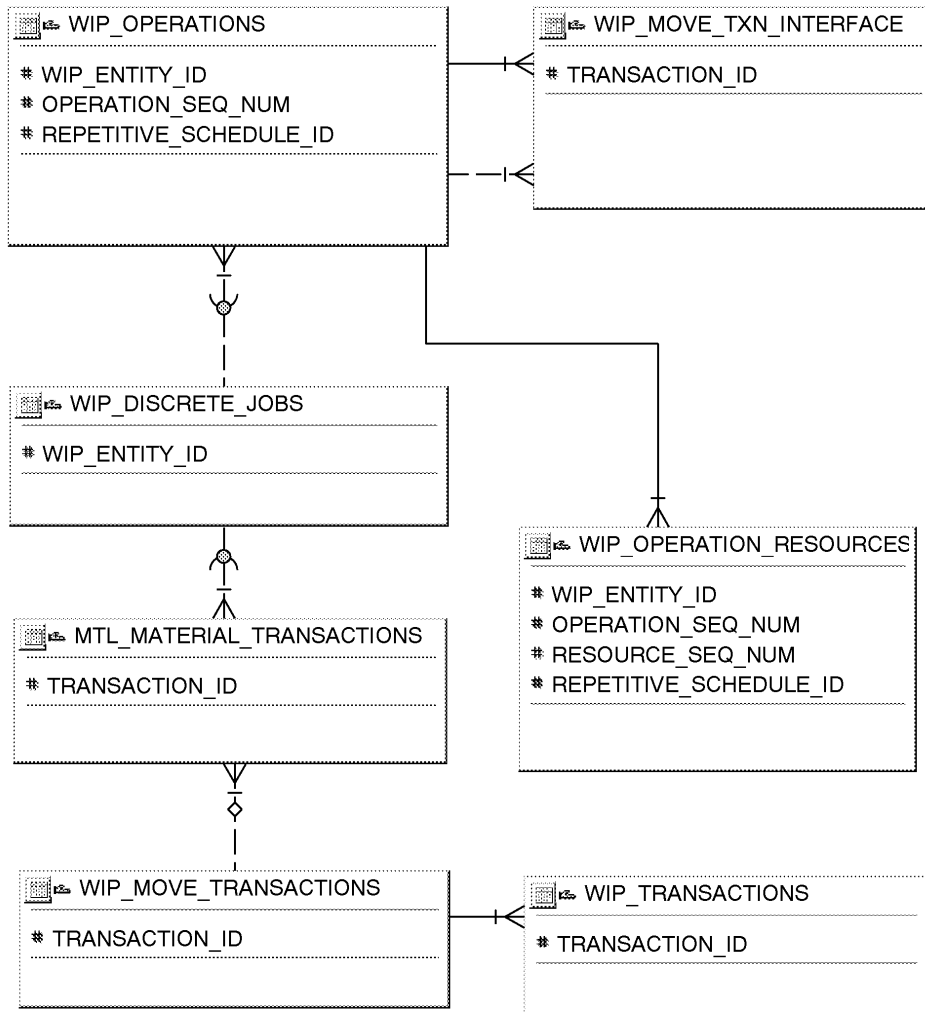


Diagram 4: WIP Move Transactions



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Diagram 5: WIP Lot Transactions

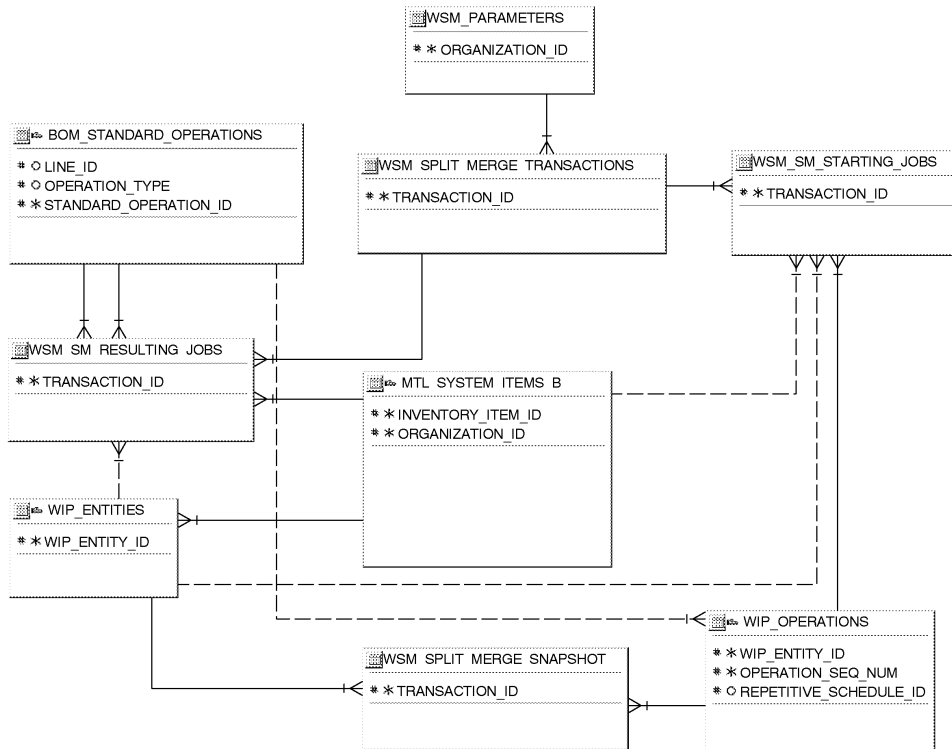
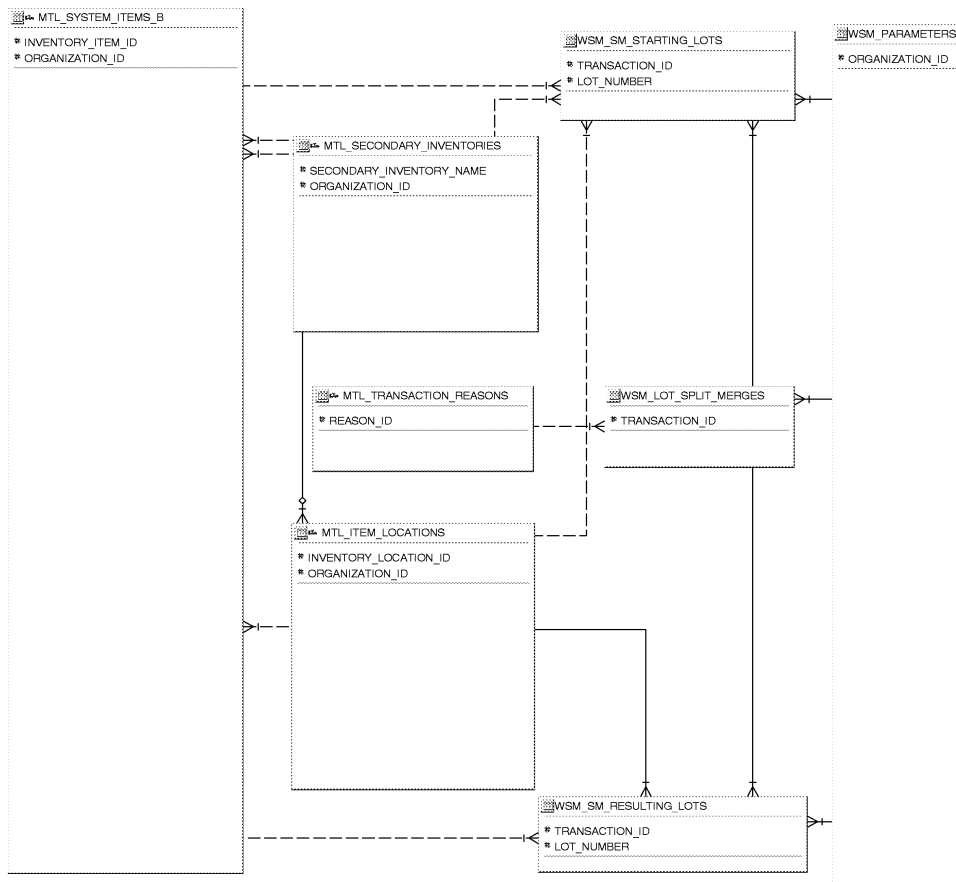


Diagram 6: Inventory Lot Transactions



Public Table List

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

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

Oracle Shop Floor Management uses the following Public tables:

Table Name	Description
BOM_BILL_OF_MATERIALS	Bills of material (See page 3 – 8)
BOM_DEPARTMENTS	Departments (See page 3 – 11)
BOM_INVENTORY_COMPONENTS	Bill of material components (See page 3 – 13)
BOM_OPERATIONAL_ROUTINGS	Routings (See page 3 – 18)
BOM_OPERATION_SEQUENCES	Routing operations (See page 3 – 21)
BOM_STANDARD_OPERATIONS	Standard operations (See page 3 – 25)
GL_CODE_COMBINATIONS	Account combinations (See page 3 – 28)
MTL_ITEM_LOCATIONS	Definitions for stock locators (See page 3 – 33)
MTL_MATERIAL_TRANSACTIONS	Material transaction table (See page 3 – 36)
MTL_PARAMETERS	Inventory control options and defaults (See page 3 – 43)
MTL_SECONDARY_INVENTORIES	Subinventory definitions (See page 3 – 50)
MTL_SYSTEM_ITEMS_B	Inventory item definitions (See page 3 – 54)
MTL_TRANSACTION_REASONS	Inventory Transaction Reasons Table (See page 3 – 74)
ORG_ACCT_PERIODS	Organization accounting period definition table (See page 3 – 75)
WIP_ACCOUNTING_CLASSES	Accounting classes (See page 3 – 78)
WIP_DISCRETE_JOBS	Discrete jobs (See page 3 – 81)
WIP_ENTITIES	Information common to jobs and schedules (See page 3 – 87)

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WIP_JOB_SCHEDULE_INTERFACE	Requests to create or modify jobs and schedules (See page 3 – 89)
WIP_LINES	Production lines (See page 3 – 93)
WIP_MOVE_TRANSACTIONS	Shop floor move transactions (See page 3 – 95)
WIP_MOVE_TXN_INTERFACE	Requests to process shop floor move transactions (See page 3 – 98)
WIP_OPERATIONS	Operations necessary for jobs and schedules (See page 3 – 102)
WIP_OPERATION_RESOURCES	Resources necessary for operations (See page 3 – 105)
WIP_PERIOD_BALANCES	Job and schedule charges, by accounting period (See page 3 – 108)
WIP_REPETITIVE_SCHEDULES	Repetitive schedules (See page 3 – 111)
WIP_TRANSACTIONS	WIP resource transactions (See page 3 – 114)
WSM_CO_PRODUCTS	(See page 3 – 118)
WSM_CO_PROD_COMP_SUBSTITUTES	(See page 3 – 120)
WSM_CO_PROD_SUBSTITUTES	(See page 3 – 121)
WSM_INTERFACE_ERRORS	(See page 3 – 122)
WSM_ITEM_EXTENSIONS	Sector Extensions for OSFM Organization Items. (See page 3 – 123)
WSM_LOT_JOB_INTERFACE	(See page 3 – 124)
WSM_LOT_MOVE_TXN_INTERFACE	(See page 3 – 128)
WSM_LOT_SPLIT_MERGES	(See page 3 – 131)
WSM_LOT_SPLIT_MERGES_INTERFACE	(See page 3 – 133)
WSM_OPERATION_DETAILS	(See page 3 – 135)
WSM_PARAMETERS	To define an organization parameter for OSFM, the organization should satisfy the following conditions;1. Standard Costing organization.2. LotNumber Uniqueness in Inventory parameters should be NONE.3. LotNumber Default Type in WIPparameters should be set to Jobname.4. Organizatin should not be enabled for finite scheduling. (See page 3 – 136)

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WSM_RESULTING_JOBS_INTERFACE	(See page 3 – 137)
WSM_RESULTING_LOTS_INTERFACE	(See page 3 – 139)
WSM_SECTOR_EXTENSIONS	Sector Extensions in OSFM are the segment of a manufacturing process for which a Lot based Job is defined. (See page 3 – 141)
WSM_SM_RESULTING_JOBS	(See page 3 – 142)
WSM_SM_RESULTING_LOTS	(See page 3 – 144)
WSM_SM_STARTING_JOBS	(See page 3 – 146)
WSM_SM_STARTING_LOTS	(See page 3 – 148)
WSM_SPLIT_MERGE_SNAPSHOT	(See page 3 – 150)
WSM_SPLIT_MERGE_TRANSACTIONS	(See page 3 – 151)
WSM_SPLIT_MERGE_TXN_INTERFACE	(See page 3 – 153)
WSM_STARTING_JOBS_INTERFACE	(See page 3 – 155)
WSM_STARTING_LOTS_INTERFACE	(See page 3 – 157)
WSM_SUBINVENTORY_EXTENSIONS	(See page 3 – 159)

Public View List

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

Oracle Shop Floor Management uses the following public views:

View Name	Description
WSM_ALL_OPERATIONS_V	No view description
WSM_COMPONENTS_V	Coproducts components view.
WSM_CO_PRODUCTS_V	No view description
WSM_CO_PRODUCT_COMPONENTS_V	No view description
WSM_CO_PROD_COMP_SUBSTITUTES_V	No view description
WSM_INV_GENEALOGY_V	No view description
WSM_NEXT_OPERATIONS_V	No view description
WSM_OPERATION_DETAILS_V	No view description
WSM_OPERATION_NETWORKS_V	No view description
WSM_SM_RESULTING_JOBS_V	No view description
WSM_SM_STARTING_JOBS_V	No view description
WSM_SOURCE_LOTS_V	No view description
WSM_STANDARD_CLASSES_VAL_V	No view description
WSM_WIP_GENEALOGY_V	No view description
WSM_WIP_OPERATIONS_V	No view description

Module List

This section lists each form, report and concurrent program comprising Oracle Shop Floor Management.

Forms

BOMFDONW	Define Network Routings
WIPDJMDF	Define, Simulate, Close, Purge, or View Discrete Jobs
WIPOPMDF	Operations
WSMDJMDF	Define Lot based Jobs.
WSMFDCPD	Define Co-products
WSMFLBJT	Perform Lots creation using starting lot.
WSMFOPER	Define details for standard operations.
WSMFPARM	Define Shop Floor Parameters
WSMFSECT	Define Sector Extensions and associate Item/Subinventory to it.
WSMTXSFM	Perform Lot based Jobs Move Transactions

Reports

WIPDJDAT	Discrete Job Data Report
WIPDJLIS	Discrete Job Listing
WIPDJORQ	Discrete Job Shortage Report
WIPDJRTG	Discrete Job Routing Sheet
WIPLBOSP	WIP Outside Processing Report
WIPMTDLT	Job Lot Composition Report
WIPRDJVR	Discrete Job Value Report
WIPSUCLS	WIP Accounting Classes Report
WIPUTACD	WIP Account Distribution Report
WIPUTVAL	WIP Value Report

Concurrent Programs

WSCMTI	Process Lot based Jobs Move Transactions
WSMPINVL	Import Inventory Lot Transactions from Interface
WSMPJUPD	Import Lot based Jobs Transactions from Interface
WSMPLBJI	Import Lot based Jobs from Interface

Detailed Design

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

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 Shop Floor Management that enables you to:

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

Table and View Definitions

The Table and View Definitions section contains a detailed definition of Oracle Shop Floor Management applications tables. For each table, it provides information about primary keys, foreign keys, QuickCodes, indexes, triggers, and sequences. It also gives you a detailed description of each column and its characteristics. In addition, it provides the SQL statement that defines each view. Review this section to get a detailed understanding of what tables your Oracle Shop Floor Management 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 Shop Floor Management table and view that you may need to reference. For each table, it presents detailed information about:

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

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 Shop Floor Management 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 Shop Floor Management uses the column.

When a column is part of a table's primary key, we append the notation (PK) to the name of that column.

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

Not currently used	Oracle Shop Floor Management does not use this column, although the column might be used in a future release.
No longer used	Oracle Shop Floor Management no longer uses this column. AutoInstall installs this column. Subsequent versions of Oracle Shop Floor Management might not include this column.
No longer installed	Oracle Shop Floor Management 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 Shop Floor Management, you do not have this column.

Standard Who Columns

Most Oracle Shop Floor Management 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

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

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

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

Additional Who Columns for Concurrent Programs

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

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

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

Indexes

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

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

Sequences

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

Database Triggers

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

View Derivation

For each Oracle Shop Floor Management view you may need to reference, we include important elements from the SQL statement that

defines or creates a view. By studying this view definition, you can understand exactly how a view derives its contents.

BOM_BILL_OF_MATERIALS

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

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

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

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

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_ALTERNATE_DESIGNATORS	ALTERNATE DESIGNATOR_CODE ORGANIZATION_ID	ALTERNATE_BOM_DESIGNATOR ORGANIZATION_ID
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	COMMON_BILL_SEQUENCE_ID
ENG_ENGINEERING_CHANGES	CHANGE NOTICE ORGANIZATION_ID	PENDING_FROM_ECN ORGANIZATION_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	ASSEMBLY_ITEM_ID ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	COMMON_ORGANIZATION_ID COMMON_ASSEMBLY_ITEM_ID

QuickCodes Columns

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

Column Descriptions

Name	Null?	Type	Description
ASSEMBLY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier of manufactured assembly
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator code
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
COMMON_ASSEMBLY_ITEM_ID	NULL	NUMBER	Assembly item identifier of common bill
SPECIFIC_ASSEMBLY_COMMENT	NULL	VARCHAR2(240)	Specific bill of material comment
PENDING_FROM_ECN	NULL	VARCHAR2(10)	Change notice that created this bill of material
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ASSEMBLY_TYPE	NOT NULL	NUMBER	Assembly type: 1=Manufacturing bill 2=Engineering bill
COMMON_BILL_SEQUENCE_ID	NOT NULL	NUMBER	Identifier of common bill
BILL_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Bill of material unique identifier
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
COMMON_ORGANIZATION_ID	NULL	NUMBER	Organization identifier of common bill
NEXT_EXPLODE_DATE	NULL	DATE	Next date when pre-explosion will be refreshed
PROJECT_ID	NULL	NUMBER	Project Identifier for Project Manufacturing
TASK_ID	NULL	NUMBER	Task identifier for Project Manufacturing
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	

Indexes

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

Sequences

Sequence	Derived Column
BOM_INVENTORY_COMPONENTS_S	BILL_SEQUENCE_ID

Database Triggers

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

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

BOM_DEPARTMENTS

BOM_DEPARTMENTS stores department information. You cannot use the department in an operation after its DISABLE_DATE. DEPARTMENT_ID uniquely identifies each row. You can assign a delivery location for each department if you use outside processing resources.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENT_CLASSES	DEPARTMENT_CLASS_CODE	DEPARTMENT_CLASS_CODE
HR_LOCATIONS_ALL	LOCATION_ID	LOCATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID (PK)	NOT NULL	NUMBER	Department unique identifier
DEPARTMENT_CODE	NOT NULL	VARCHAR2(10)	Department code
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Description
DISABLE_DATE	NULL	DATE	Disable date
DEPARTMENT_CLASS_CODE	NULL	VARCHAR2(10)	Department class code
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
LOCATION_ID	NULL	NUMBER	Location identifier
PA_EXPENDITURE_ORG_ID	NULL	NUMBER	Organization identifier for the expenditure organization
SCRAP_ACCOUNT	NULL	NUMBER	Scrap account of department
EST_ABSORPTION_ACCOUNT	NULL	NUMBER	Estimated scrap absorption account

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Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
BOM_DEPARTMENTS_U1	UNIQUE	1	DEPARTMENT_ID
BOM_DEPARTMENTS_U2	UNIQUE	1	ORGANIZATION_ID
		2	DEPARTMENT_CODE

Sequences

<u>Sequence</u>	<u>Derived Column</u>
BOM_DEPARTMENTS_S	DEPARTMENT_ID

BOM_INVENTORY_COMPONENTS

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

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

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

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

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

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

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	BILL_SEQUENCE_ID

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Foreign Keys (Continued)

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

QuickCodes Columns

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

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	2	No
REQUIRED_TO_SHIP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SHIPPING_ALLOWED	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SO_BASIS	BOM_SO_BASIS	MFG_LOOKUPS
	1	Option class
	2	None
WIP_SUPPLY_TYPE	WIP_SUPPLY	MFG_LOOKUPS
	1	Push
	2	Assembly Pull
	3	Operation Pull
	4	Bulk
	5	Supplier
	6	Phantom
	7	Based on Bill

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQ_NUM	NOT NULL	NUMBER	Operation sequence number
COMPONENT_ITEM_ID	NOT NULL	NUMBER	Component item identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
ITEM_NUM		NUMBER	Item sequence within bill of material structure
COMPONENT_QUANTITY	NOT NULL	NUMBER	Quantity of component in bill of material
COMPONENT_YIELD_FACTOR	NOT NULL	NUMBER	Factor used to multiply component quantity with to obtain required component quantity
COMPONENT_REMARKS		NULL VARCHAR2(240)	Component remarks
EFFECTIVITY_DATE	NOT NULL	DATE	Effective date
CHANGE_NOTICE		NULL VARCHAR2(10)	Engineering change order number
IMPLEMENTATION_DATE		NULL DATE	Date on which engineering change order was implemented
DISABLE_DATE		NULL DATE	Disable date
ATTRIBUTE_CATEGORY		NULL VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1		NULL VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2		NULL VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3		NULL VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4		NULL VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5		NULL VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6		NULL VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7		NULL VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8		NULL VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9		NULL VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
PLANNING_FACTOR	NOT NULL	NUMBER	Factor used to multiply component quantity with to obtain planning quantity
QUANTITY_RELATED	NOT NULL	NUMBER	Identifier to indicate if this component has quantity related reference designators
SO_BASIS	NULL	NUMBER	Quantity basis used by Oracle Order Management to determine how many units of component to put on an order
OPTIONAL	NULL	NUMBER	Flag indicating if component is optional in bill
MUTUALLY_EXCLUSIVE_OPTIONS	NULL	NUMBER	Flag indicating if one or more children of component can be picked when taking an order
INCLUDE_IN_COST_ROLLUP	NOT NULL	NUMBER	Flag indicating if this component is to be used when rolling up costs
CHECK_ATP	NOT NULL	NUMBER	Flag indicating if ATP check is required
SHIPPING_ALLOWED	NULL	NUMBER	Flag indicating if component is allowed to ship
REQUIRED_TO_SHIP	NULL	NUMBER	Flag indicating if component is required to ship
REQUIRED_FOR_REVENUE	NULL	NUMBER	Flag indicating if component is required for revenue
INCLUDE_ON_SHIP_DOCS	NULL	NUMBER	Flag indicating if component is displayed on shipping documents
INCLUDE_ON_BILL_DOCS	NULL	NUMBER	(not currently used)
LOW_QUANTITY	NULL	NUMBER	Minimum quantity allowed on an order
HIGH_QUANTITY	NULL	NUMBER	Maximum quantity allowed on an order
ACD_TYPE	NULL	NUMBER	Add, change, or disable code for component on an engineering change order
OLD_COMPONENT_SEQUENCE_ID	NULL	NUMBER	Identifier of original component row an ECO effects
COMPONENT_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Component unique identifier
BILL_SEQUENCE_ID	NOT NULL	NUMBER	Bill of material unique identifier
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
WIP_SUPPLY_TYPE	NULL	NUMBER	WIP supply type code
PICK_COMPONENTS	NULL	NUMBER	(not currently used)
SUPPLY_SUBINVENTORY	NULL	VARCHAR2(10)	Supply subinventory
SUPPLY_LOCATOR_ID	NULL	NUMBER	Supply locator identifier

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Column Descriptions (Continued)

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

Indexes

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

Sequences

Sequence	Derived Column
BOM_INVENTORY_COMPONENTS_S	COMPONENT_SEQUENCE_ID

Database Triggers

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

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

BOM_OPERATIONAL_ROUTINGS

BOM_OPERATIONAL_ROUTINGS stores information about manufacturing and engineering routings.

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

Foreign Keys

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

QuickCodes Columns

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

Column Descriptions

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

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Column Descriptions (Continued)

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

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Indexes

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

Sequences

Sequence	Derived Column
BOM_OPERATIONAL_ROUTINGS_S	ROUTING_SEQUENCE_ID

BOM_OPERATION_SEQUENCES

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

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

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

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

Foreign Keys

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

QuickCodes Columns

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

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Routing operation unique identifier
ROUTING_SEQUENCE_ID	NOT NULL	NUMBER	Routing unique identifier
OPERATION_SEQ_NUM	NOT NULL	NUMBER	Operation sequence number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
STANDARD_OPERATION_ID	NULL	NUMBER	Standard operation unique identifier
DEPARTMENT_ID	NOT NULL	NUMBER	Department unique identifier
OPERATION_LEAD_TIME_PERCENT	NULL	NUMBER	Indicates the amount of overlap its lead time has with the parent's lead time
MINIMUM_TRANSFER_QUANTITY	NULL	NUMBER	Minimum operation transfer quantity
COUNT_POINT_TYPE	NOT NULL	NUMBER	Count point
OPERATION_DESCRIPTION	NULL	VARCHAR2(240)	Description of operation
EFFECTIVITY_DATE	NOT NULL	DATE	Date operation is effective
DISABLE_DATE	NULL	DATE	Date operation is no longer effective - effectivity lasts until the end of the disable date
BACKFLUSH_FLAG	NOT NULL	NUMBER	Indicates whether operation requires backflushing
OPTION_DEPENDENT_FLAG	NOT NULL	NUMBER	Indicates whether to use this operation in all configuration routings, even if no components of the configuration are used in this operation
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
OPERATION_TYPE	NULL	NUMBER	Process, Line Operation or Event
REFERENCE_FLAG	NULL	NUMBER	If the Standard Operation is referenced or copied then the operation can not be updated.

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Column Descriptions (Continued)

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

Indexes

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

Sequences

Sequence	Derived Column
BOM_OPERATION_SEQUENCES_S	OPERATION_SEQUENCE_ID

BOM_STANDARD_OPERATIONS

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

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

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

Foreign Keys

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

QuickCodes Columns

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

Column Descriptions

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
MINIMUM_TRANSFER_QUANTITY	NULL	NUMBER	Minimum operation transfer quantity
COUNT_POINT_TYPE	NULL	NUMBER	Count point
OPERATION_DESCRIPTION	NULL	VARCHAR2(240)	Specific operation description
OPTION_DEPENDENT_FLAG	NULL	NUMBER	Indicates whether to use this operation in all configuration routings, even if no components of the configuration are used in this operation
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
BACKFLUSH_FLAG	NULL	NUMBER	Backflush at this operation
WMS_TASK_TYPE	NULL	NUMBER	WMS Task Type
OPERATION_YIELD_ENABLED	NULL	NUMBER	Indicates whether operation yield is to be considered during costing
YIELD	NULL	NUMBER	Operation yield for an operation

Indexes

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

Sequences

Sequence	Derived Column
BOM_STANDARD_OPERATIONS_S	STANDARD_OPERATION_ID

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Database Triggers

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

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

GL_CODE_COMBINATIONS

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

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

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

Foreign Keys

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

QuickCodes Columns

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

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QuickCodes Columns (Continued)

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

Column Descriptions

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

Column Descriptions (Continued)

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
SEGMENT_ATTRIBUTE22	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE23	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE24	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE25	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE26	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE27	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE28	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE29	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE30	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE31	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE32	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE33	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE34	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE35	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE36	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE37	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE38	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE39	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE40	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE41	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE42	NULL	VARCHAR2 (60)	Reporting attribute key flexfield segment
REFERENCE1	NULL	VARCHAR2 (1)	Reserved for localization use
REFERENCE2	NULL	VARCHAR2 (1)	Reserved for localization use
REFERENCE3	NULL	VARCHAR2 (1)	Reserved for localization use
REFERENCE4	NULL	VARCHAR2 (1)	Reserved for localization use
REFERENCE5	NULL	VARCHAR2 (1)	Reserved for localization use
JGZZ_RECON_FLAG	NULL	VARCHAR2 (1)	Global reconciliation descriptive flexfield segment
JGZZ_RECON_CONTEXT	NULL	VARCHAR2 (30)	Global reconciliation descriptive flexfield context column
PRESERVE_FLAG	NULL	VARCHAR2 (1)	Preserve segment value attributes flag
REFRESH_FLAG	NULL	VARCHAR2 (1)	Refresh segment value attributes flag
IGI_BALANCED_BUDGET_FLAG	NULL	VARCHAR2 (1)	Balance budget enforcement flag

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
GL_CODE_COMBINATIONS_N31	NOT UNIQUE	1	TEMPLATE_ID
GL_CODE_COMBINATIONS_U1	UNIQUE	1	CODE_COMBINATION_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
GL_CODE_COMBINATIONS_S	CODE_COMBINATION_ID

MTL_ITEM_LOCATIONS

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

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

Foreign Keys

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

Column Descriptions

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
SEGMENT10	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT11	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT12	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT13	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT14	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT15	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT16	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT17	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT18	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT19	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT20	NULL	VARCHAR2(40)	Key flexfield segment
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether segment combination includes a summary segment
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether segment combination is enabled
START_DATE_ACTIVE	NULL	DATE	Date segment combination becomes active
END_DATE_ACTIVE	NULL	DATE	Date segment combination becomes inactive
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
PHYSICAL_LOCATION_ID	NULL	NUMBER(15)	Physical location identifier
PICK_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure in which items are stored in locator
DIMENSION_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure of physical dimensions - length, width and height
LENGTH	NULL	NUMBER	Length
WIDTH	NULL	NUMBER	Width
HEIGHT	NULL	NUMBER	Height
LOCATOR_STATUS	NULL	NUMBER	
STATUS_ID	NULL	NUMBER	Status Identifier - Used by WMS only
CURRENT_CUBIC_AREA	NULL	NUMBER	Current volume of item(s) in locator

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Column Descriptions (Continued)

Name	Null?	Type	Description
AVAILABLE_CUBIC_AREA	NULL	NUMBER	Remaining volume capacity in locator
CURRENT_WEIGHT	NULL	NUMBER	Current weight of item(s) in locator
AVAILABLE_WEIGHT	NULL	NUMBER	Remaining weight capacity in locator
LOCATION_CURRENT_UNITS	NULL	NUMBER	Current number of units (items) in locator
LOCATION_AVAILABLE_UNITS	NULL	NUMBER	Remaining unit capacity in locator
INVENTORY_ITEM_ID	NULL	NUMBER	If not null, the only item that can be in locator
SUGGESTED_CUBIC_AREA	NULL	NUMBER	Suggested volume to be put into locator
SUGGESTED_WEIGHT	NULL	NUMBER	Suggested weight to be put into locator
LOCATION_SUGGESTED_UNITS	NULL	NUMBER	Suggested units to be put into locator

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_LOCATIONS_N1	NOT UNIQUE	1	SEGMENT1
MTL_ITEM_LOCATIONS_N2	NOT UNIQUE	1	SEGMENT2
MTL_ITEM_LOCATIONS_N3	NOT UNIQUE	1	SEGMENT3
MTL_ITEM_LOCATIONS_N4	NOT UNIQUE	5	ORGANIZATION_ID
MTL_ITEM_LOCATIONS_U1	UNIQUE	1	INVENTORY_LOCATION_ID
		2	ORGANIZATION_ID

Sequences

Sequence	Derived Column
MTL_ITEM_LOCATIONS_S	INVENTORY_LOCATION_ID

Database Triggers

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

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

MTL_MATERIAL_TRANSACTIONS

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

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

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

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

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

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

Foreign Keys

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

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Foreign Keys (Continued)

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

QuickCodes Columns

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

Column Descriptions

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
LPN_ID	NULL	NUMBER	License Plate Number Identifier - used by WMS only
TRANSFER_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier
PICK_STRATEGY_ID	NULL	NUMBER	WMS strategy used for picking
PICK_RULE_ID	NULL	NUMBER	WMS rule used for picking
PUT_AWAY_STRATEGY_ID	NULL	NUMBER	WMS strategy used for put away
PUT_AWAY_RULE_ID	NULL	NUMBER	WMS rule used for put away
CONTENT_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier - used by WMS only
PICK_SLIP_DATE	NULL	DATE	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_TRANSACTIONS_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N10	NOT UNIQUE	1	COSTED_FLAG
		3	TRANSACTION_GROUP_ID
MTL_MATERIAL_TRANSACTIONS_N11	NOT UNIQUE	2	INVOICED_FLAG
MTL_MATERIAL_TRANSACTIONS_N12	NOT UNIQUE	1	TRANSACTION_SET_ID
MTL_MATERIAL_TRANSACTIONS_N13	NOT UNIQUE	2	PM_COST_COLLECTED
		4	PM_COST_COLLECTOR_GROUP_ID
MTL_MATERIAL_TRANSACTIONS_N14	NOT UNIQUE	2	COMPLETION_TRANSACTION_ID
MTL_MATERIAL_TRANSACTIONS_N15	NOT UNIQUE	1	TRANSACTION_ACTION_ID
		2	TRANSACTION_TYPE_ID
		3	TRANSACTION_SOURCE_TYPE_ID
		4	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N16	NOT UNIQUE	5	PICK_SLIP_NUMBER
MTL_MATERIAL_TRANSACTIONS_N17	NOT UNIQUE	5	MOVE_ORDER_LINE_ID
MTL_MATERIAL_TRANSACTIONS_N18	NOT UNIQUE	10	PICKING_LINE_ID
MTL_MATERIAL_TRANSACTIONS_N2	NOT UNIQUE	1	TRANSACTION_SOURCE_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N3	NOT UNIQUE	1	SUBINVENTORY_CODE
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N4	NOT UNIQUE	1	VENDOR_LOT_NUMBER
MTL_MATERIAL_TRANSACTIONS_N5	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N6	NOT UNIQUE	1	SHIPMENT_NUMBER
MTL_MATERIAL_TRANSACTIONS_N7	NOT UNIQUE	1	ACCT_PERIOD_ID
		2	ORGANIZATION_ID
MTL_MATERIAL_TRANSACTIONS_N8	NOT UNIQUE	1	TRANSACTION_SOURCE_TYPE_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
		4	TRANSACTION_SOURCE_NAME

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Indexes (Continued)

Index Name	Index Type	Sequence	Column 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 : JA_AU_LOCAL_ACCOUNTING
 Trigger Time : AFTER
 Trigger Level : ROW
 Trigger Event : UPDATE

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

Trigger Name : AX_MTL_MAT_TRANS_AR11
 Trigger Time : AFTER
 Trigger Level : ROW
 Trigger Event : INSERT

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

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

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

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MTL_PARAMETERS

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

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

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

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

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

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

Foreign Keys

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

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Foreign Keys (Continued)

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

QuickCodes Columns

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

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QuickCodes Columns (Continued)

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

Column Descriptions

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
MATERIAL_ACCOUNT	NULL	NUMBER	Inventory material account
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	Inventory material overhead account
MATL_OVHD_ABSORPTION_ACCT	NULL	NUMBER	Material overhead absorption account
RESOURCE_ACCOUNT	NULL	NUMBER	Resource labor account
PURCHASE_PRICE_VAR_ACCOUNT	NULL	NUMBER	Purchase price variance account
AP_ACCRUAL_ACCOUNT	NULL	NUMBER	Accounts payable accrual account
OVERHEAD_ACCOUNT	NULL	NUMBER	Inventory overhead account
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	Outside processing account
INTRANSIT_INV_ACCOUNT	NULL	NUMBER	Inter-organization transfer debit account
INTERORG_RECEIVABLES_ACCOUNT	NULL	NUMBER	Inter-organization receivables account
INTERORG_PRICE_VAR_ACCOUNT	NULL	NUMBER	Inter-organization price variance account
INTERORG_PAYABLES_ACCOUNT	NULL	NUMBER	Inter-organization payables account
COST_OF_SALES_ACCOUNT	NULL	NUMBER	Cost of sales account
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account
PROJECT_COST_ACCOUNT	NULL	NUMBER	Project Cost Account
INTERORG_TRANSFER_CR_ACCOUNT	NULL	NUMBER	Inter-organization transfer credit account
MATL_INTERORG_TRANSFER_CODE	NOT NULL	NUMBER	Material inter-organization transfer charge type
INTERORG_TRNSFR_CHARGE_PERCENT	NULL	NUMBER	Inter-organization transfer charge percent
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Organization to source items from
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory to source items from
SOURCE_TYPE	NULL	NUMBER	Inventory or supplier source type
ORG_MAX_WEIGHT	NULL	NUMBER	
ORG_MAX_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	
ORG_MAX_VOLUME	NULL	NUMBER	
ORG_MAX_VOLUME_UOM_CODE	NULL	VARCHAR2(3)	
SERIAL_NUMBER_TYPE	NULL	NUMBER	Serial number uniqueness control
AUTO_SERIAL_ALPHA_PREFIX	NULL	VARCHAR2(30)	Organization-level serial number prefix
START_AUTO_SERIAL_NUMBER	NULL	VARCHAR2(30)	Organization-level starting serial number
AUTO_LOT_ALPHA_PREFIX	NULL	VARCHAR2(30)	Organization-level prefix for lot numbers
LOT_NUMBER_UNIQUENESS	NOT NULL	NUMBER	Lot number uniqueness control
LOT_NUMBER_GENERATION	NOT NULL	NUMBER	Lot number generation control
LOT_NUMBER_ZERO_PADDING	NULL	NUMBER	Lot number padding control
LOT_NUMBER_LENGTH	NULL	NUMBER	Total lot number length
STARTING_REVISION	NOT NULL	VARCHAR2(3)	Default starting item revision
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
DEFAULT_DEMAND_CLASS	NULL	VARCHAR2(30)	Default demand class
ENCUMBRANCE_REVERSAL_FLAG	NULL	NUMBER	Reverse encumbrance flag
MAINTAIN_FIFO_QTY_STACK_TYPE	NULL	NUMBER	Maintain FIFO quantity stack
INVOICE_PRICE_VAR_ACCOUNT	NULL	NUMBER	Invoice price variance account
AVERAGE_COST_VAR_ACCOUNT	NULL	NUMBER	Average cost variance account
SALES_ACCOUNT	NULL	NUMBER	Sales account
EXPENSE_ACCOUNT	NULL	NUMBER	Expense account
SERIAL_NUMBER_GENERATION	NOT NULL	NUMBER	Serial number generation control
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Global descriptive flexfield structure defining column
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTES5	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Global descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Global descriptive flexfield segment
MAT_OVHD_COST_TYPE_ID	NULL	NUMBER	Cost type that holds material overhead costs for an average costing organization
PROJECT_REFERENCE_ENABLED	NULL	NUMBER	Project Reference enabled flag that indicates whether project references are allowed in the organization or not
PM_COST_COLLECTION_ENABLED	NULL	NUMBER	Project Manufacturing Cost Collection Enabled flag that indicates whether costs will be collected for project references within the organization or not
PROJECT_CONTROL_LEVEL	NULL	NUMBER	Project Control Level that specifies whether project references are being tracked at the project or task level
AVG_RATES_COST_TYPE_ID	NULL	NUMBER	Average Rate Cost Type Identifier is used under average costing for resources and overhead rates
TXN_APPROVAL_TIMEOUT_PERIOD	NULL	NUMBER	Transfer Order Timeout Period
MO_SOURCE_REQUIRED	NULL	NUMBER	Flag indicating that a source location is required before a move order can be approved
MO_PICK_CONFIRM_REQUIRED	NULL	NUMBER	Flag indicating whether pick confirmation is required
MO_APPROVAL_TIMEOUT_ACTION	NULL	NUMBER	Action to perform when move order approval timeout period has expired
BORRPAY_MATL_VAR_ACCOUNT	NULL	NUMBER	Material valuation account
BORRPAY_MOH_VAR_ACCOUNT	NULL	NUMBER	Material overhead valuation account
BORRPAY_RES_VAR_ACCOUNT	NULL	NUMBER	Resource valuation account
BORRPAY_OSP_VAR_ACCOUNT	NULL	NUMBER	Outside processing valuation account
BORRPAY_OVH_VAR_ACCOUNT	NULL	NUMBER	Overhead valuation account
PROCESS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Process Enabled inventory Organization
PROCESS_ORGN_CODE	NULL	VARCHAR2(4)	OPM Warehouse Organization Code Mapped to the Process Inventory Organization
WSM_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	WIP Shopfloor Management Organization
DEFAULT_COST_GROUP_ID	NOT NULL	NUMBER	Default Cost Group ID - used by WMS only
LPN_PREFIX	NULL	VARCHAR2(10)	LPN Prefix - used by WMS only
LPN_SUFFIX	NULL	VARCHAR2(10)	LPN Suffix - used by WMS only
LPN_STARTING_NUMBER	NULL	NUMBER	LPN Starting Number - used by WMS only
WMS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	WMS (Warehouse Management System) Organization
PREGEN_PUTAWAY_TASKS_FLAG	NULL	NUMBER	used by WMS only
REGENERATION_INTERVAL	NULL	NUMBER	used by WMS only

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Column Descriptions (Continued)

Name	Null?	Type	Description
TIMEZONE_ID	NULL	NUMBER	
DEFAULT_WMS_PICKING_RULE_ID	NULL	NUMBER	Default picking rule for this organization - used by WMS only
DEFAULT_PUT_AWAY_RULE_ID	NULL	NUMBER	Default put away rule - used by WMS only
DEFAULT_TASK_ASSIGN_RULE_ID	NULL	NUMBER	Default task assignment rule - used by WMS only
DEFAULT_LABEL_COMP_RULE_ID	NULL	NUMBER	Default label printing rule - used by WMS only
DEFAULT_CARTON_RULE_ID	NULL	NUMBER	Default cartonization rule for this organization - used by WMS only
DEFAULT_CYC_COUNT_HEADER_ID	NULL	NUMBER	Default cycle count header for this organization - used by WMS only
CROSSDOCK_FLAG	NULL	NUMBER	Flag indicates whether crossdocking occurs by default for this organization - used by WMS only
CARTONIZATION_FLAG	NULL	NUMBER	Flag indicates whether cartonization occurs by default in this organization - used for WMS only
COST_CUTOFF_DATE	NULL	DATE	Cost Cutoff Date

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PARAMETERS_N1	NOT UNIQUE	1	MASTER_ORGANIZATION_ID
MTL_PARAMETERS_U1	UNIQUE	1	ORGANIZATION_ID

Database Triggers

Trigger Name : AX_MTL_PARAMETERS_ADI1
 Trigger Time : AFTER
 Trigger Level : ROW
 Trigger Event : INSERT, DELETE

This trigger captures information needed to create subledger accounting events when Oracle Inventory and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger ensures that an ?INTRANS? subinventory exists for every inventory organizations. If it does not exist, the subinventory will be created in the table, MTL_SECONDARY_INVENTORY.

MTL_SECONDARY_INVENTORIES

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

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

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

Foreign Keys

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

QuickCodes Columns

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

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QuickCodes Columns (Continued)

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

Column Descriptions

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

Column Descriptions (Continued)

Name	Null?	Type	Description
REQUISITION_APPROVAL_TYPE	NULL	NUMBER	Approval status of replenishment requisitions generated
EXPENSE_ACCOUNT	NULL	NUMBER	Account to expense items issued to subinventory
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Account to encumber items requested by subinventory
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
PREPROCESSING_LEAD_TIME	NULL	NUMBER	Pre-processing lead time
PROCESSING_LEAD_TIME	NULL	NUMBER	Processing lead time
POSTPROCESSING_LEAD_TIME	NULL	NUMBER	Post-processing lead time
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class for the subinventory
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
SUBINVENTORY_USAGE	NULL	NUMBER	Specifies whether costs should be collected for this subinventory in project manufacturing environment
NOTIFY_LIST_ID	NULL	NUMBER	ID of Notify List
PICK_UOM_CODE	NULL	VARCHAR2(3)	
DEPRECIABLE_FLAG	NULL	NUMBER	Flag indicating if the sub inventory is depreciable
LOCATION_ID	NULL	NUMBER(15)	Location identifier
DEFAULT_COST_GROUP_ID	NULL	NUMBER	Default cost group id - Used by WMS only
STATUS_ID	NULL	NUMBER	Status Identifier - Used by WMS only
DEFAULT_LOC_STATUS_ID	NULL	NUMBER	Default status ID for locators - Used by WMS only
LPN_CONTROLLED_FLAG	NULL	NUMBER	
PICK_METHODODOLOGY	NULL	NUMBER	
CARTONIZATION_FLAG	NULL	NUMBER(30)	

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Indexes

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

Database Triggers

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

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

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 N	FND_LOOKUPS No

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QuickCodes Columns (Continued)

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

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QuickCodes Columns (Continued)

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

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	Y	Yes
END_ASSEMBLY_PEGGING_FLAG	ASSEMBLY_PEGGING_CODE	FND_LOOKUPS
	A	Full Pegging
	B	End Assembly/Full Pegging
	I	Net by Project/Ignore Excess
	N	None
	X	Net by Project/Net Excess
	Y	End Assembly Pegging
ENG_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
EQUIPMENT_TYPE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
EVENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
EXPENSE_BILLABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
FINANCING_ALLOWED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INDIVISIBLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INSPECTION_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INTERNAL_ORDER_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INTERNAL_ORDER_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_ASSET_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_PLANNING_CODE	MTL_MATERIAL_PLANNING	MFG_LOOKUPS
	1	Reorder point planning
	2	Min-max planning
	6	Not planned
INVOICEABLE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVOICE_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	Y	Yes
ITEM_TYPE	ITEM_TYPE	FND_COMMON_LOOKUPS
	AOC	ATO Option Class
	ATO	ATO Model
	BMW	BMW Type
	FG	Finished Good
	I	Inventory Type
	K	Kit
	M	Model
	OC	Option Class
	OO	Outside Operation
	OP	Outside Processing Item
	P	Purchased item
	PF	Product Family
	PH	Phantom item
	PL	Planning
	POC	PTO Option Class
	PTO	PTO model
	REF	Reference item
	SA	Subassembly
	SI	Supply item
LOCATION_CONTROL_CODE	MTL_LOCATION_CONTROL	MFG_LOOKUPS
	1	No locator control
	2	Prespecified locator control
	3	Dynamic entry locator control
	4	Locator control determined at subinventory level
	5	Locator control determined at item level
LOT_CONTROL_CODE	MTL_LOT_CONTROL	MFG_LOOKUPS
	1	No lot control
	2	Full lot control
LOT_MERGE_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
LOT_SPLIT_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
LOT_STATUS_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
MATERIAL_BILLABLE_FLAG	MTL_SERVICE_BILLABLE_FLAG	CS_LOOKUPS
	E	Expense
	L	Labor
	M	Material
MRP_CALCULATE_ATP_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
MRP_PLANNING_CODE	MRP_PLANNING_CODE	MFG_LOOKUPS
	3	MRP planning
	4	MPS planning

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	6	Not planned
	7	MRP and DRP planning
	8	MPS and DRP planning
	9	DRP planning
MRP_SAFETY_STOCK_CODE	MTL_SAFETY_STOCK_TYPE	MFG_LOOKUPS
	1	Non-MRP planned
	2	MRP planned percent
MTL_TRANSACTIONS_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
MUST_USE_APPROVED_VENDOR_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ORDERABLE_ON_WEB_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
OUTSIDE_OPERATION_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PICK_COMPONENTS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PLANNING_MAKE_BUY_CODE	MTL_PLANNING_MAKE_BUY	MFG_LOOKUPS
	1	Make
	2	Buy
PLANNING_TIME_FENCE_CODE	MTL_TIME_FENCE	MFG_LOOKUPS
	1	Cumulative total lead time
	2	Cumulative manufacturing lead time
	3	Total lead time
	4	User-defined time fence
PREVENTIVE_MAINTENANCE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PRORATE_SERVICE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PURCHASING_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PURCHASING_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RECEIPT_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RELEASE_TIME_FENCE_CODE	MTL_RELEASE_TIME_FENCE	MFG_LOOKUPS
	1	Cumulative total lead time
	2	Cumulative manufacturing lead time
	3	Item total lead time

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	4	User-defined time fence
	5	No not autorelease
	6	Kanban Item (Do Not Release)
REPETITIVE_PLANNING_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
REPLENISH_TO_ORDER_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RESERVABLE_TYPE	MTL_RESERVATION_CONTROL	MFG_LOOKUPS
	1	Reservable
	2	Not reservable
RESTRICT_LOCATORS_CODE	MTL_LOCATOR_RESTRICTIONS	MFG_LOOKUPS
	1	Locators restricted to pre-defined list
	2	Locators not restricted to pre-defined list
RESTRICT_SUBINVENTORIES_CODE	MTL_SUBINVENTORY_RESTRICTIONS	MFG_LOOKUPS
	1	Subinventories restricted to pre-defined list
	2	Subinventories not restricted to pre-defined list
RETURNABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RETURN_INSPECTION_REQUIREMENT	MTL_RETURN_INSPECTION	MFG_LOOKUPS
	1	Inspection required
	2	Inspection not required
REVISION_QTY_CONTROL_CODE	MTL_ENG_QUANTITY	MFG_LOOKUPS
	1	Not under revision quantity control
	2	Under revision quantity control
RFQ_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ROUNDING_CONTROL_TYPE	MTL_ROUNDING	MFG_LOOKUPS
	1	Round order quantities
	2	Do not round order quantities
SERIAL_NUMBER_CONTROL_CODE	MTL_SERIAL_NUMBER	MFG_LOOKUPS
	1	No serial number control
	2	Predefined serial numbers
	5	Dynamic entry at inventory receipt
	6	Dynamic entry at sales order issue
SERIAL_STATUS_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SERVICEABLE_COMPONENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
SERVICEABLE_PRODUCT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SERVICE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SHELF_LIFE_CODE	MTL_SHELF_LIFE	MFG_LOOKUPS
	1	No shelf life control
	2	Item shelf life days
	4	User-defined expiration date
SHIPPABLE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SHIP_MODEL_COMPLETE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SOURCE_TYPE	MTL_SOURCE_TYPES	MFG_LOOKUPS
	1	Inventory
	2	Supplier
SO_TRANSACTIONS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
STOCK_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SUMMARY_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
TAXABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
TIME_BILLABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
USAGE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
VEHICLE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
VENDOR_WARRANTY_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
VOL_DISCOUNT_EXEMPT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
WIP_SUPPLY_TYPE	WIP_SUPPLY	MFG_LOOKUPS
	1	Push
	2	Assembly Pull
	3	Operation Pull

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	4	Bulk
	5	Supplier
	6	Phantom
	7	Based on Bill
ENFORCE_SHIP_TO_LOCATION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
OUTSIDE_OPERATION_UOM_TYPE	OUTSIDE OPERATION UOM TYPE	PO_LOOKUP_CODES
	ASSEMBLY	Assembly Unit of Measure
	RESOURCE	Resource Unit of Measure
QTY_RCV_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
RECEIPT_DAYS_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Flexfield summary flag
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flexfield segment enabled flag
START_DATE_ACTIVE		DATE	Flexfield segment start date
END_DATE_ACTIVE		DATE	Flexfield segment end date
DESCRIPTION		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		NUMBER(9)	Buyer identifier
ACCOUNTING_RULE_ID		NUMBER	Accounting rule identifier
INVOICING_RULE_ID		NUMBER	Invoicing rule identifier
SEGMENT1		VARCHAR2(40)	Key flexfield segment
SEGMENT2		VARCHAR2(40)	Key flexfield segment
SEGMENT3		VARCHAR2(40)	Key flexfield segment
SEGMENT4		VARCHAR2(40)	Key flexfield segment
SEGMENT5		VARCHAR2(40)	Key flexfield segment
SEGMENT6		VARCHAR2(40)	Key flexfield segment
SEGMENT7		VARCHAR2(40)	Key flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
SEGMENT8	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT9	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT10	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT11	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT12	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT13	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT14	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT15	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT16	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT17	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT18	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT19	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT20	NULL	VARCHAR2(40)	Key flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
PURCHASING_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating purchasing item
SHIPPABLE_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating shippable item
CUSTOMER_ORDER_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating customer orderable item
INTERNAL_ORDER_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating internally orderable item
SERVICE_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating service item
INVENTORY_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating inventory item
ENG_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating engineering item
INVENTORY_ASSET_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is an inventory asset
PURCHASING_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is purchasable
CUSTOMER_ORDER_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is customer orderable
INTERNAL_ORDER_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is internally orderable
SO_TRANSACTIONS_FLAG	NOT NULL	VARCHAR2(1)	Sales order transactions flag
MTL_TRANSACTIONS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is transactable
STOCK_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is stockable
BOM_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may appear on a BOM

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
OUTSIDE_OPERATION_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may appear on outside operation purchase order

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Column Descriptions (Continued)

Name	Null?	Type	Description
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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Column Descriptions (Continued)

Name	Null?	Type	Description
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
BACK_ORDERABLE_FLAG	NULL	VARCHAR2(1)	If ATP failed, can item be back ordered
WEB_STATUS	NULL	VARCHAR2(30)	Specifies item web status, which can be web enabled, web published, or neither
INDIVISIBLE_FLAG	NULL	VARCHAR2(1)	Item unit is indivisible
DIMENSION_UOM_CODE	NULL	VARCHAR2(3)	Item dimensions unit of measure code
UNIT_LENGTH	NULL	NUMBER	Item length
UNIT_WIDTH	NULL	NUMBER	Item width
UNIT_HEIGHT	NULL	NUMBER	Item height
BULK_PICKED_FLAG	NULL	VARCHAR2(1)	Material pick method
LOT_STATUS_ENABLED	NULL	VARCHAR2(1)	Lot status enabled
DEFAULT_LOT_STATUS_ID	NULL	NUMBER	Default lot status
SERIAL_STATUS_ENABLED	NULL	VARCHAR2(1)	Serial status enabled
DEFAULT_SERIAL_STATUS_ID	NULL	NUMBER	Default serial status
LOT_SPLIT_ENABLED	NULL	VARCHAR2(1)	Lot split enabled
LOT_MERGE_ENABLED	NULL	VARCHAR2(1)	Lot merge enabled
INVENTORY_CARRY_PENALTY	NULL	NUMBER	Penalty incurred for holding this item inventory
OPERATION_SLACK_PENALTY	NULL	NUMBER	Penalty incurred for a time in between two operations
FINANCING_ALLOWED_FLAG	NULL	VARCHAR2(1)	Item is eligible for financing

Indexes

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

Sequences

Sequence	Derived Column
MTL_SYSTEM_ITEMS_B_S	INVENTORY_ITEM_ID

Database Triggers

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

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

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

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

Trigger Name : MTL_SYSTEM_ITEMS_B_T2_BOM
Trigger Time : BEFORE
Trigger Level : ROW
Trigger Event : DELETE

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

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

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

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

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

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

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

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

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

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

Trigger Name : MTL_SYSTEM_ITEMS_B_T2_IBF
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_IBF
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : UPDATE

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

MTL_TRANSACTION_REASONS

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

Column Descriptions

Name	Null?	Type	Description
REASON_ID (PK)	NOT NULL	NUMBER	Reason identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REASON_NAME	NOT NULL	VARCHAR2(30)	Reason name
DESCRIPTION	NULL	VARCHAR2(240)	Description of the reason
DISABLE_DATE	NULL	DATE	Date this reason is disabled
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
WORKFLOW_NAME	NULL	VARCHAR2(80)	Workflow Name
WORKFLOW_DISPLAY_NAME	NULL	VARCHAR2(80)	
WORKFLOW_PROCESS	NULL	VARCHAR2(80)	
WORKFLOW_DISPLAY_PROCESS	NULL	VARCHAR2(80)	
REASON_TYPE	NULL	NUMBER	
REASON_TYPE_DISPLAY	NULL	VARCHAR2(80)	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTION_REASONS_U1	UNIQUE	1	REASON_ID

Sequences

Sequence	Derived Column
MTL_TRANSACTION_REASONS_S	REASON_ID

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ORG_ACCT_PERIODS

ORG_ACCT_PERIODS holds the open and closed financial periods for organizations. When a period is opened, the period open form (INVTGPO) pulls in the next available period from the GL table GL_PERIODS. ORG_ACCT_PERIODS holds the relevant data, such as period start, end and close dates. Note that only postable periods will be brought over. You may create non-postable periods in Oracle General Ledger or in the GL forms provided with Oracle Inventory. If data exists in the PERIOD_CLOSE_DATE column, then the period has been closed and no more transactions can be made against the closed period. The combination of the PERIOD_CLOSE_DATE and OPEN_FLAG columns reflects the status of a period. When OPEN_FLAG = 'P', it means the period close is processing. When it equals 'N', the period close process is completed. When OPEN_FLAG is 'Y' and PERIOD_CLOSE_DATE is null, it means the period is open. Otherwise, it implies the period close process has failed.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_PERIODS	PERIOD_SET_NAME	PERIOD_SET_NAME
	PERIOD_NAME	PERIOD_NAME
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
ACCT_PERIOD_ID (PK)	NOT NULL	NUMBER	Accounting period id
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
PERIOD_SET_NAME	NOT NULL	VARCHAR2(15)	GL period set name
PERIOD_YEAR	NOT NULL	NUMBER	GL period year
PERIOD_NUM	NOT NULL	NUMBER	GL period number
PERIOD_NAME	NOT NULL	VARCHAR2(15)	GL period name
DESCRIPTION	NULL	VARCHAR2(50)	Description - (not currently used)
PERIOD_START_DATE	NOT NULL	DATE	Start date of accounting period
SCHEDULE_CLOSE_DATE	NOT NULL	DATE	Scheduled close date of the accounting period
PERIOD_CLOSE_DATE	NULL	DATE	Actual close date of the accounting period

Column Descriptions (Continued)

Name	Null?	Type	Description
OPEN_FLAG	NOT NULL	VARCHAR2(1)	Indicates the status of the period: 'P' if the period close is processing; 'N' if the period is closed; 'Y' if the period is either open (if period close date is NULL) or the period close has failed (if period close date is not NULL)
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Global descriptive flexfield structure defining column
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Global descriptive flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
ORG_ACCT_PERIODS_U1	UNIQUE	1	ORGANIZATION_ID
		2	ACCT_PERIOD_ID

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Sequences

Sequence	Derived Column
ORG_ACCT_PERIODS_S	ACCT_PERIOD_ID

WIP_ACCOUNTING_CLASSES

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

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROCESSING_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROC_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	STD_COST_ADJUSTMENT_ACCOUNT
WIP_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLASS_TYPE	WIP_CLASS_TYPE	MFG_LOOKUPS
	1	Standard discrete
	2	Repetitive assembly
	3	Asset non-standard
	4	Expense non-standard

Column Descriptions

Name	Null?	Type	Description
CLASS_CODE (PK)	NOT NULL	VARCHAR2(10)	Accounting class identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CLASS_TYPE	NOT NULL	NUMBER	Accounting class type code
DESCRIPTION	NULL	VARCHAR2(240)	Description of the Account
DISABLE_DATE	NULL	DATE	Accounting class disable date
MATERIAL_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material charges for a job or schedule
MATERIAL_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material variance charges for a job or schedule
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material overhead charges for a job or schedule

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Column Descriptions (Continued)

Name	Null?	Type	Description
RESOURCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate resource charges for a job or schedule
RESOURCE_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate resource variance charges for a job or schedule
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate outside processing charges for a job or schedule
OUTSIDE_PROC_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate outside processing variance charges for a job or schedule
OVERHEAD_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate overhead charges for a job or schedule
OVERHEAD_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate overhead variance charges for a job or schedule
STD_COST_ADJUSTMENT_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate standard cost adjustment charges for a standard discrete job
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country specific functionality

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country specific functionality
COMPLETION_COST_SOURCE	NULL	NUMBER	Completion cost source of the accounting class for average costing
COST_TYPE_ID	NULL	NUMBER	Cost type Identifier for average costing
BRIDGING_ACCOUNT	NULL	NUMBER	Bridging account
SYSTEM_OPTION_ID	NULL	NUMBER	System option Identifier
EXPENSE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate expense charges for a job or schedule
EST_SCRAP_ACCOUNT	NULL	NUMBER	Estimated Scrap account
EST_SCRAP_VAR_ACCOUNT	NULL	NUMBER	Estimated Scrap variance account

Indexes

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

WIP_DISCRETE_JOBS

WIP_DISCRETE_JOBS stores discrete job information. Each row represents a discrete job, and contains information about the assembly being built, the revision of the assembly, the job quantity, the status of the job, the material control method, accounting information, and job schedule dates. Oracle Work in Process uses this information to control discrete production.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	COMMON_BOM_SEQUENCE_ID
BOM_OPERATIONAL_ROUTINGS	ROUTING_SEQUENCE_ID	COMMON_ROUTING_SEQUENCE_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROCESSING_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROC_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	STD_COST_ADJUSTMENT_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_VARIANCE_ACCOUNT
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	COMPLETION_LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	INVENTORY_ITEM_ID ORGANIZATION_ID REVISION	PRIMARY_ITEM_ID ORGANIZATION_ID BOM_REVISION
MTL_ITEM_SUB_INVENTORIES	INVENTORY_ITEM_ID ORGANIZATION_ID SECONDARY_INVENTORY	PRIMARY_ITEM_ID ORGANIZATION_ID COMPLETION_SUBINVENTORY
MTL_KANBAN_CARDS	KANBAN_CARD_ID	KANBAN_CARD_ID
MTL_RTG_ITEM_REVISIONS	INVENTORY_ITEM_ID ORGANIZATION_ID PROCESS_REVISION	PRIMARY_ITEM_ID ORGANIZATION_ID ROUTING_REVISION
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	COMPLETION_SUBINVENTORY ORGANIZATION_ID
MTL_SECONDARY_LOCATORS	INVENTORY_ITEM_ID ORGANIZATION_ID SECONDARY_LOCATOR	PRIMARY_ITEM_ID ORGANIZATION_ID COMPLETION_LOCATOR_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	PRIMARY_ITEM_ID ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	BOM_REFERENCE_ID ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	ROUTING_REFERENCE_ID ORGANIZATION_ID
PJM_UNIT_NUMBERS	UNIT_NUMBER	END_ITEM_UNIT_NUMBER
WIP_ACCOUNTING_CLASSES	CLASS_CODE ORGANIZATION_ID	CLASS_CODE ORGANIZATION_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID

QuickCodes Columns

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

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
JOB_TYPE	WIP_DISCRETE_JOB	MFG_LOOKUPS
	1	Standard
	3	Non-standard
STATUS_TYPE	WIP_JOB_STATUS	MFG_LOOKUPS
	1	Unreleased
	10	Pending Routing Load
	11	Failed Routing Load
	12	Closed
	13	Pending - Mass Loaded
	14	Pending Close
	15	Failed Close
	3	Released
	4	Complete
	5	Complete - No Charges
	6	On Hold
	7	Cancelled
	8	Pending Bill Load
	9	Failed Bill Load
WIP_SUPPLY_TYPE	WIP_SUPPLY	MFG_LOOKUPS
	1	Push
	2	Assembly Pull
	3	Operation Pull
	4	Bulk
	5	Supplier
	6	Phantom
	7	Based on Bill

Column Descriptions

Name	Null?	Type	Description
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP Job Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
REQUEST_ID		NUMBER	Enhanced Who column
PROGRAM_APPLICATION_ID		NUMBER	Enhanced Who column
PROGRAM_ID		NUMBER	Enhanced Who column
PROGRAM_UPDATE_DATE		DATE	Enhanced Who column
SOURCE_LINE_ID		NUMBER	Identifier of the source system that generated the job record
SOURCE_CODE		VARCHAR2(30)	Code of the process that generated the job record(null if created by Oracle Work In Process)
DESCRIPTION		VARCHAR2(240)	Descriptive text
STATUS_TYPE	NOT NULL	NUMBER	Status of job
PRIMARY_ITEM_ID		NUMBER	Inventory item Identifier for the assembly the job creates
FIRM_PLANNED_FLAG	NOT NULL	NUMBER	Control for MRP rescheduling
JOB_TYPE	NOT NULL	NUMBER	Type of discrete job

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Column Descriptions (Continued)

Name	Null?	Type	Description
WIP_SUPPLY_TYPE	NOT NULL	NUMBER	Method of material consumption within WIP
CLASS_CODE	NOT NULL	VARCHAR2(10)	Accounting class associated with job
MATERIAL_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material charges for a job
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material overhead charges for a job
RESOURCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate resource charges for a job
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate outside processing charges for a job
MATERIAL_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material variances for a job
RESOURCE_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate resource variances for a job
OUTSIDE_PROC_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate outside processing variances for a job
STD_COST_ADJUSTMENT_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate standard cost variances for a job
OVERHEAD_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate overhead charges for a job
OVERHEAD_VARIANCE_ACCOUNT	NULL	NUMBER	General ledger account to accumulate overhead variances for a job
SCHEDULED_START_DATE	NOT NULL	DATE	Date on which job is scheduled to start
DATE_RELEASED	NULL	DATE	Date on which job is released
SCHEDULED_COMPLETION_DATE	NOT NULL	DATE	Last unit scheduled completion date
DATE_COMPLETED	NULL	DATE	Last unit actual completion date
DATE_CLOSED	NULL	DATE	Date on which job was closed
START_QUANTITY	NOT NULL	NUMBER	Job start quantity
QUANTITY_COMPLETED	NOT NULL	NUMBER	Current job quantity completed
QUANTITY_SCRAPPED	NOT NULL	NUMBER	Number of units scrapped on the current job
NET_QUANTITY	NOT NULL	NUMBER	Number of assemblies netted to supply by MRP
BOM_REFERENCE_ID	NULL	NUMBER	Assembly identifier used as bill of material reference for explosions of nonstandard job
ROUTING_REFERENCE_ID	NULL	NUMBER	Assembly identifier used as routing reference for explosions of nonstandard job
COMMON_BOM_SEQUENCE_ID	NULL	NUMBER	Bill of material identifier when a common bill is used
COMMON_ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing identifier when a common routing is used
BOM_REVISION	NULL	VARCHAR2(3)	BOM revision for the primary assembly

Column Descriptions (Continued)

Name	Null?	Type	Description
ROUTING_REVISION	NULL	VARCHAR2(3)	Short code that uniquely identifies the Routing revision
BOM_REVISION_DATE	NULL	DATE	Date of assembly item revision used to explode the bills of material used in the job
ROUTING_REVISION_DATE	NULL	DATE	Routing revision date
LOT_NUMBER	NULL	VARCHAR2(30)	Default lot number to assign to assemblies completed from the job
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate bill of material used in a job
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate routing used in a job
COMPLETION_SUBINVENTORY	NULL	VARCHAR2(10)	Default completion subinventory for assemblies completed by the job
COMPLETION_LOCATOR_ID	NULL	NUMBER	Default completion locator identifier for assemblies completed by the job
MPS_SCHEDULED_COMPLETION_DATE	NULL	DATE	Date used by MRP to relieve the MPS for the job (used by MRP only)
MPS_NET_QUANTITY	NULL	NUMBER	Quantity used by MRP to relieve MPS for the job (used by MRP only)
DEMAND_CLASS	NULL	VARCHAR2(30)	Type of demand the job satisfies
SCHEDULE_GROUP_ID	NULL	NUMBER	Identifier for the job schedule group
BUILD_SEQUENCE	NULL	NUMBER	Build sequence
LINE_ID	NULL	NUMBER	Production line Identifier
PROJECT_ID	NULL	NUMBER	Project Identifier
TASK_ID	NULL	NUMBER	Project task Identifier
KANBAN_CARD_ID	NULL	NUMBER	Identifier for production kanban replenished by the job
OVERCOMPLETION_TOLERANCE_TYPE	NULL	NUMBER	Unit of OVERCOMPLETION_TOLERANCE_VALUE (percent or amount)
OVERCOMPLETION_TOLERANCE_VALUE	NULL	NUMBER	Percent or amount above start quantity that this job is allowed to complete
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Assembly unit number identifier to support Project Manufacturing in Model Unit Effectivity.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
PO_CREATION_TIME	NOT NULL	NUMBER	PO Creation Time for Outside Processing
PRIORITY	NULL	NUMBER	Priority of this job
DUE_DATE	NULL	DATE	Due date of this job
EST_SCRAP_ACCOUNT	NULL	NUMBER	Estimated Scrap account
EST_SCRAP_VAR_ACCOUNT	NULL	NUMBER	Estimated Scrap variance account
EST_SCRAP_PRIOR_QTY	NULL	NUMBER	Estimated quantity completed for calculation of operation yield
DUE_DATE_PENALTY	NULL	NUMBER	Penalty incurred if job is late (in days)
DUE_DATE_TOLERANCE	NULL	NUMBER	Number of days a job can be late
COPRODUCTS_SUPPLY	NULL	NUMBER	Flag indicating if this job forms supply for co-products also

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_DISCRETE_JOBS_N1	NOT UNIQUE	1	PRIMARY_ITEM_ID
WIP_DISCRETE_JOBS_N2	NOT UNIQUE	2	BOM_REFERENCE_ID
		4	ORGANIZATION_ID
WIP_DISCRETE_JOBS_N3	NOT UNIQUE	2	ROUTING_REFERENCE_ID
		4	ORGANIZATION_ID
WIP_DISCRETE_JOBS_N4	NOT UNIQUE	1	CLASS_CODE
		2	ORGANIZATION_ID
		3	ATTRIBUTE1
		4	ATTRIBUTE2
WIP_DISCRETE_JOBS_N5	NOT UNIQUE	1	FIRM_PLANNED_FLAG
		2	STATUS_TYPE
WIP_DISCRETE_JOBS_N6	NOT UNIQUE	2	SCHEDULE_GROUP_ID
		4	BUILD_SEQUENCE
WIP_DISCRETE_JOBS_N7	NOT UNIQUE	1	STATUS_TYPE
		4	ORGANIZATION_ID
		5	SCHEDULED_START_DATE
		6	ATTRIBUTE1
		8	ATTRIBUTE2
		10	ATTRIBUTE3
WIP_DISCRETE_JOBS_N8	NOT UNIQUE	2	LINE_ID
		4	ORGANIZATION_ID
WIP_DISCRETE_JOBS_U1	UNIQUE	1	WIP_ENTITY_ID
		2	ORGANIZATION_ID

Database Triggers

Trigger Name : WIP_DISCRETE_JOBS_T5
 Trigger Time : BEFORE
 Trigger Level : ROW
 Trigger Event : UPDATE

WIP_DISCRETE_JOBS_T5 calls PJM_PROJECT_LOCATOR.GET_JOB_PROJECTSUPPLY in order to update the locator for the project, if any, that is associated with the job being updated.

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

WIP_DISCRETE_JOBS_BRU calls the procedure WIP_MRP_RELIEF.WIP_DISCRETE_JOBS_PROC if the status_type of the job is (or was) < 7 and the job is a standard discrete job. This procedure inserts rows into the table MRP_RELIEF_INTERFACE to do MPS relief.

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

WIP_DISCRETE_JOBS_BRD calls the procedure WIP_MRP_RELIEF.WIP_DISCRETE_JOBS_PROC if the status_type of the job was < 7 and the job is a standard discrete job. This procedure inserts rows into the table MRP_RELIEF_INTERFACE to do MPS relief.

Trigger Name : WIP_DISCRETE_JOBS_T4
Trigger Time : BEFORE
Trigger Level : ROW
Trigger Event : INSERT

WIP_DISCRETE_JOBS_T4 calls PJM_PROJECT_LOCATOR.GET_JOB_PROJECTSUPPLY in order to find a locator for the project, if any, that is associated with the job being created.

WIP_ENTITIES

WIP_ENTITIES stores information about jobs, repetitive assemblies, and flow schedules. Each row includes a unique entity name, the entity type, and the assembly being built. Oracle Work in Process uses this information to control production activities and to ensure that entities with duplicate names are not created.

Foreign Keys

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

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ENTITY_TYPE	WIP_ENTITY 1 2 3 4	MFG_LOOKUPS Discrete job Repetitive assembly Closed discrete job Flow schedule

Column Descriptions

Name	Null?	Type	Description
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	Job or schedule Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
REQUEST_ID		NUMBER	Enhanced Who column
PROGRAM_APPLICATION_ID		NUMBER	Enhanced Who column
PROGRAM_ID		NUMBER	Enhanced Who column
PROGRAM_UPDATE_DATE		DATE	Enhanced Who column
WIP_ENTITY_NAME	NOT NULL	VARCHAR2(240)	WIP job or repetitive assembly name or flow schedule reference code
ENTITY_TYPE	NOT NULL	NUMBER	WIP entity type code
DESCRIPTION		VARCHAR2(240)	Description of the discrete job or repetitive assembly
PRIMARY_ITEM_ID		NUMBER	Inventory item Identifier for the assembly the job or schedule creates

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_ENTITIES_N1	NOT UNIQUE	2 4	PRIMARY_ITEM_ID ORGANIZATION_ID
WIP_ENTITIES_U1	UNIQUE	1	WIP_ENTITY_ID
WIP_ENTITIES_U2	UNIQUE	3 4	WIP_ENTITY_NAME ORGANIZATION_ID

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Sequences

Sequence	Derived Column
WIP_ENTITIES_S	WIP_ENTITY_ID

WIP_JOB_SCHEDULE_INTERFACE

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

Foreign Keys

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

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ALLOW_EXPLOSION	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
FIRM_PLANNED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
LOAD_TYPE	WIP_LOAD_TYPE	MFG_LOOKUPS
	1	Create Standard Job
	2	Create Repetitive Schedule
	3	Update Discrete Job
	4	Create Non-standard Job
STATUS_TYPE	WIP_JOB_STATUS	MFG_LOOKUPS
	1	Unreleased
	10	Pending Routing Load
	11	Failed Routing Load
	12	Closed
	13	Pending - Mass Loaded
	14	Pending Close
	15	Failed Close
	3	Released
	4	Complete
	5	Complete - No Charges

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	6	On Hold
	7	Cancelled
	8	Pending Bill Load
	9	Failed Bill Load
WIP_SUPPLY_TYPE	WIP_SUPPLY	MFG_LOOKUPS
	1	Push
	2	Assembly Pull
	3	Operation Pull
	4	Bulk
	5	Supplier
	6	Phantom
	7	Based on Bill

Column Descriptions

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

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Column Descriptions (Continued)

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

Column Descriptions (Continued)

Name	Null?	Type	Description
OVERCOMPLETION_TOLERANCE_VALUE	NULL	NUMBER	Percent or amount above expected quantity that this entity is allowed to complete
KANBAN_CARD_ID	NULL	NUMBER	Production kanban replenished by the WIP entity being created
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
DELIVERY_ID	NULL	NUMBER	Delivery Id
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
PRIORITY	NULL	NUMBER	Priority to assign to the job being created
DUE_DATE	NULL	DATE	Due date of the job that is being created
ALLOW_EXPLOSION	NULL	VARCHAR2(1)	Determines whether you can run the exploder, thereby creating child records in addition to the job header record
HEADER_ID	NULL	NUMBER	Uniquely identifies this request so that it can be referenced by child requests in other interfaces
COPRODUCTS_SUPPLY	NULL	NUMBER	
DUE_DATE_PENALTY	NULL	NUMBER	Penalty incurred if job is late (in days)
DUE_DATE_TOLERANCE	NULL	NUMBER	Number of days a job can be late

Indexes

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

Sequences

Sequence	Derived Column
WIP_JOB_SCHEDULE_INTERFACE_S	GROUP_ID

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WIP_LINES

WIP_LINES stores production line information. Each row includes a line name, maximum and minimum rate information, throughput for rate based lines (lead time), and the start and stop time information that determines the amount of time per day that the line is available. Oracle Work in Process uses this information when you associate a line with a repetitive assembly and when you define a repetitive schedule on the line. Production line information is optional for discrete jobs.

Foreign Keys

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

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LINE_SCHEDULE_TYPE	WIP_LINE_SCHED_TYPE	MFG_LOOKUPS
	1	Fixed
	2	Routing-based

Column Descriptions

Name	Null?	Type	Description
LINE_ID (PK)	NOT NULL	NUMBER	WIP line Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
LINE_CODE	NOT NULL	VARCHAR2(10)	Line name
DESCRIPTION	NULL	VARCHAR2(240)	Descriptive text
DISABLE_DATE	NULL	DATE	Disable date
MINIMUM_RATE	NOT NULL	NUMBER	Hourly minimum rate
MAXIMUM_RATE	NOT NULL	NUMBER	Hourly maximum rate
FIXED_THROUGHPUT	NULL	NUMBER	Fixed lead time hours
LINE_SCHEDULE_TYPE	NOT NULL	NUMBER	Method of calculating the lead time for an assembly on the line
SCHEDULING_METHOD_ID	NULL	NUMBER	Scheduling method identifier
START_TIME	NOT NULL	NUMBER	Start time of the line
STOP_TIME	NOT NULL	NUMBER	Stop time of the line
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment

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Column Descriptions (Continued)

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

Indexes

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

Sequences

Sequence	Derived Column
WIP_LINES_S	LINE_ID

WIP_MOVE_TRANSACTIONS

WIP_MOVE_TRANSACTIONS stores information about shop floor Move transactions. Each row represents a single Move transaction and includes a unique transaction identifier, the transaction date, the job or repetitive schedule in which the Move occurs, the Move quantity, as well as information about the From and To operation sequence numbers, operation codes, and intraoperation steps. Oracle Work in Process uses this information to track Move transactions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	FM_DEPARTMENT_ID
BOM_DEPARTMENTS	DEPARTMENT_ID	TO_DEPARTMENT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	SCRAP_ACCOUNT_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	TRANSACTION_UOM
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	PRIMARY_UOM
ORG_ACCT_PERIODS	ACCT_PERIOD_ID	ACCT_PERIOD_ID
	ORGANIZATION_ID	ORGANIZATION_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	LINE_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
REQUEST_ID		NUMBER	Enhanced Who column
PROGRAM_APPLICATION_ID		NUMBER	Enhanced Who column
PROGRAM_ID		NUMBER	Enhanced Who column
PROGRAM_UPDATE_DATE		DATE	Enhanced Who column
GROUP_ID	NOT NULL	NUMBER	Transaction group Identifier
SOURCE_CODE		VARCHAR2(30)	Code of the shop floor control system that generated the transaction record (null if created by Oracle Work in Process)
SOURCE_LINE_ID		NUMBER	Identifier used by source shop floor control system (null if created by Oracle Work in Process)
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
WIP_ENTITY_ID	NOT NULL	NUMBER	WIP job or repetitive assembly Identifier
LINE_ID		NUMBER	WIP line Identifier
PRIMARY_ITEM_ID		NUMBER	Inventory item Identifier for assembly that the job or schedule creates
TRANSACTION_DATE	NOT NULL	DATE	Date transaction was performed
ACCT_PERIOD_ID	NOT NULL	NUMBER	Accounting period Identifier
FM_OPERATION_SEQ_NUM	NOT NULL	NUMBER	From operation number

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Column Descriptions (Continued)

Name	Null?	Type	Description
FM_OPERATION_CODE	NULL	VARCHAR2(4)	Short code that uniquely identifies the From operation
FM_DEPARTMENT_ID	NOT NULL	NUMBER	From department Identifier
FM_INTRAOPERATION_STEP_TYPE	NOT NULL	NUMBER	From intraoperation step
TO_OPERATION_SEQ_NUM	NOT NULL	NUMBER	To operation number
TO_OPERATION_CODE	NULL	VARCHAR2(4)	Short code that uniquely identifies the To operation
TO_DEPARTMENT_ID	NOT NULL	NUMBER	To department Identifier
TO_INTRAOPERATION_STEP_TYPE	NOT NULL	NUMBER	To intraoperation step
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction move quantity
TRANSACTION_UOM	NOT NULL	VARCHAR2(3)	Transaction unit of measure code
PRIMARY_QUANTITY	NOT NULL	NUMBER	Transaction move quantity in assembly's primary unit of measure
PRIMARY_UOM	NOT NULL	VARCHAR2(3)	Unit of measure code of the assembly
SCRAP_ACCOUNT_ID	NULL	NUMBER	General Ledger account charged when material is scrapped
REASON_ID	NULL	NUMBER	Standard reason Identifier for performing the move transaction
REFERENCE	NULL	VARCHAR2(240)	Transaction reference descriptive text
QA_COLLECTION_ID	NULL	NUMBER	Collection Identifier for quality results
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
OVERCOMPLETION_TRANSACTION_QTY	NULL	NUMBER	Overcompletion quantity specified in the transaction UOM
OVERCOMPLETION_PRIMARY_QTY	NULL	NUMBER	Overcompletion quantity derived in the Primary UOM
OVERCOMPLETION_TRANSACTION_ID	NULL	NUMBER	Links parent Move or Completion transactions with a child Move transaction for Overcompletions
WF_ITEMTYPE	NULL	VARCHAR2(8)	Workflow Item Type
WF_ITEMKEY	NULL	VARCHAR2(240)	Workflow Item Key

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_MOVE_TRANSACTIONS_N1	NOT UNIQUE	1	WIP_ENTITY_ID

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Indexes (Continued)

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
WIP_MOVE_TRANSACTIONS_N2	NOT UNIQUE	1	TRANSACTION_DATE
		2	CREATION_DATE
		3	TRANSACTION_ID
WIP_MOVE_TRANSACTIONS_N3	NOT UNIQUE	2	PRIMARY_ITEM_ID
		4	ORGANIZATION_ID
WIP_MOVE_TRANSACTIONS_U1	UNIQUE	1	TRANSACTION_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
WIP_TRANSACTIONS_S	TRANSACTION_ID
WIP_TRANSACTIONS_S	GROUP_ID
WIP_WORKFLOW_S	WF_ITEMKEY

WIP_MOVE_TXN_INTERFACE

WIP_MOVE_TXN_INTERFACE contains information about the shop floor Move transactions that need to be processed. Each row contains the transaction date, the job or repetitive schedule in which you are moving assemblies, the primary unit of measure, the actual unit of measure transaction quantities, the foreign keys necessary for WIP to process the Move transaction as well as information about the From and To operation sequence numbers, operation codes, and intraoperation steps. This table supports all shop floor Move transactions including transactions loaded from other systems, such as bar code readers, using the Oracle Work in Process Open Move Transaction Interface.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	SCRAP_ACCOUNT_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	PRIMARY_ITEM_ID ORGANIZATION_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	TRANSACTION_UOM
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	PRIMARY_UOM
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	LINE_ID
WIP_OPERATIONS	WIP_ENTITY_ID OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID FM_OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID
WIP_OPERATIONS	WIP_ENTITY_ID REPETITIVE_SCHEDULE_ID OPERATION_SEQ_NUM	WIP_ENTITY_ID REPETITIVE_SCHEDULE_ID TO_OPERATION_SEQ_NUM
WIP_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ENTITY_TYPE	WIP_ENTITY	MFG_LOOKUPS
	1	Discrete job
	2	Repetitive assembly
	3	Closed discrete job
	4	Flow schedule
PROCESS_PHASE	WIP_MOVE_PROCESS_PHASE	MFG_LOOKUPS
	1	Move validation
	2	Move processing
	3	Backflush setup
PROCESS_STATUS	WIP_PROCESS_STATUS	MFG_LOOKUPS
	1	Pending
	2	Running
	3	Error
	4	Complete
	5	Warning
TRANSACTION_TYPE	WIP_MOVE_TRANSACTION_TYPE	MFG_LOOKUPS

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	1	Move transaction
	2	Move and completion transaction
	3	Return and move transaction

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NULL	NUMBER	Transaction Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATED_BY_NAME	NULL	VARCHAR2(100)	User name of the person who last updated the record
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
CREATED_BY_NAME	NULL	VARCHAR2(100)	User name of the person who created the record
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Enhanced Who column
GROUP_ID	NULL	NUMBER	Transaction group Identifier
KANBAN_CARD_ID	NULL	NUMBER	Kanban Card reference for Move completions
SOURCE_CODE	NULL	VARCHAR2(30)	Code of the shop floor control system that generated the transaction record (null if created by Oracle Work in Process)
SOURCE_LINE_ID	NULL	NUMBER	Identifier used by source shop floor control system (null if created by Oracle Work in Process)
PROCESS_PHASE	NOT NULL	NUMBER	Transaction processing phase
PROCESS_STATUS	NOT NULL	NUMBER	Transaction processing status
TRANSACTION_TYPE	NULL	NUMBER	Transaction type
ORGANIZATION_ID	NULL	NUMBER	Organization Identifier
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Organization code
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly Identifier
WIP_ENTITY_NAME	NULL	VARCHAR2(240)	WIP job or repetitive assembly name
ENTITY_TYPE	NULL	NUMBER	WIP entity type code
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item Identifier for assembly that the job or schedule creates
LINE_ID	NULL	NUMBER	WIP line Identifier
LINE_CODE	NULL	VARCHAR2(10)	Line name
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule Identifier (this column is solely for internal use)
TRANSACTION_DATE	NOT NULL	DATE	Date transaction was performed
ACCT_PERIOD_ID	NULL	NUMBER	Accounting period Identifier
FM_OPERATION_SEQ_NUM	NULL	NUMBER	From operation sequence number
FM_OPERATION_CODE	NULL	VARCHAR2(4)	From operation code
FM_DEPARTMENT_ID	NULL	NUMBER	From operation Identifier
FM_DEPARTMENT_CODE	NULL	VARCHAR2(10)	From department code

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Column Descriptions (Continued)

Name	Null?	Type	Description
FM_INTRAOPERATION_STEP_TYPE	NULL	NUMBER	From intra-operation step
TO_OPERATION_SEQ_NUM	NULL	NUMBER	To operation sequence number
TO_OPERATION_CODE	NULL	VARCHAR2(4)	To operation code
TO_DEPARTMENT_ID	NULL	NUMBER	To department Identifier
TO_DEPARTMENT_CODE	NULL	VARCHAR2(10)	To department code
TO_INTRAOPERATION_STEP_TYPE	NULL	NUMBER	To intraoperation step
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity (between operations)
TRANSACTION_UOM	NOT NULL	VARCHAR2(3)	Unit of measure used in transaction
PRIMARY_QUANTITY	NULL	NUMBER	Quantity of assembly being moved between operations expressed in the assembly's primary unit of measure
PRIMARY_UOM	NULL	VARCHAR2(3)	Primary unit of measure for the assembly
SCRAP_ACCOUNT_ID	NULL	NUMBER	General Ledger account charged when material is scrapped
REASON_ID	NULL	NUMBER	Standard transaction reason identifier
REASON_NAME	NULL	VARCHAR2(30)	Standard transaction reason name
REFERENCE	NULL	VARCHAR2(240)	Transaction reference descriptive text
QA_COLLECTION_ID	NULL	NUMBER	Collection Identifier for quality results
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
OVERCOMPLETION_TRANSACTION_QTY	NULL	NUMBER	Overcompletion quantity specified in the transaction UOM
OVERCOMPLETION_PRIMARY_QTY	NULL	NUMBER	Overcompletion quantity derived in the primary unit of measure
OVERCOMPLETION_TRANSACTION_ID	NULL	NUMBER	Column that links parent Move/Completion transaction with a child Move transaction for Overcompletions.

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_MOVE_TXN_INTERFACE_N1	NOT UNIQUE	1	GROUP_ID
		2	TRANSACTION_ID

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Sequences

Sequence	Derived Column
WIP_TRANSACTIONS_S	TRANSACTION_ID
WIP_TRANSACTIONS_S	GROUP_ID

WIP_OPERATIONS

WIP_OPERATIONS stores information about job and repetitive schedule operations. Each row represents a specific operation and includes an operation sequence number, which orders the operations for the job or repetitive schedule. Each row also includes the assembly quantity completed at an operation, the quantity at each intraoperation step, the department associated with an operation, the scheduled start and completion dates for an operation, the operation's countpoint and backflush types and other operation attributes. In general, Oracle Work in Process uses this information to control and monitor assembly production on the shop floor.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_OPERATION_SEQUENCES	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
BOM_STANDARD_OPERATIONS	STANDARD_OPERATION_ID	STANDARD_OPERATION_ID
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_OPERATIONS	WIP_ENTITY_ID	WIP_ENTITY_ID
	OPERATION_SEQ_NUM	PREVIOUS_OPERATION_SEQ_NUM
	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID
WIP_OPERATIONS	WIP_ENTITY_ID	WIP_ENTITY_ID
	OPERATION_SEQ_NUM	NEXT_OPERATION_SEQ_NUM
	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID

QuickCodes Columns

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

Column Descriptions

Name	Null?	Type	Description
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP job or schedule Identifier
OPERATION_SEQ_NUM (PK)	NOT NULL	NUMBER	Operation sequence number within a routing
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
REPETITIVE_SCHEDULE_ID (PK)	NULL	NUMBER	WIP repetitive schedule Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Enhanced Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Enhanced Who column
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation sequence Identifier
STANDARD_OPERATION_ID	NULL	NUMBER	Standard operation Identifier
DEPARTMENT_ID	NOT NULL	NUMBER	Department Identifier
DESCRIPTION	NULL	VARCHAR2(240)	Descriptive text
SCHEDULED_QUANTITY	NOT NULL	NUMBER	Number of units scheduled for the operation
QUANTITY_IN_QUEUE	NOT NULL	NUMBER	Number of units in Queue of the operation
QUANTITY_RUNNING	NOT NULL	NUMBER	Number of units in To Run of the operation
QUANTITY_WAITING_TO_MOVE	NOT NULL	NUMBER	Number of units waiting To Move in the operation
QUANTITY_REJECTED	NOT NULL	NUMBER	Number of units rejected from the operation
QUANTITY_SCRAPPED	NOT NULL	NUMBER	Number of units scrapped from the operation
QUANTITY_COMPLETED	NOT NULL	NUMBER	Number of units completed by the operation
FIRST_UNIT_START_DATE	NOT NULL	DATE	First unit scheduled receipt date
FIRST_UNIT_COMPLETION_DATE	NOT NULL	DATE	First unit scheduled completion date
LAST_UNIT_START_DATE	NOT NULL	DATE	Last unit scheduled receipt date
LAST_UNIT_COMPLETION_DATE	NOT NULL	DATE	Last unit scheduled completion date
PREVIOUS_OPERATION_SEQ_NUM	NULL	NUMBER	Previous operation sequence number
NEXT_OPERATION_SEQ_NUM	NULL	NUMBER	Next operation sequence number
COUNT_POINT_TYPE	NOT NULL	NUMBER	Operation move type
BACKFLUSH_FLAG	NOT NULL	NUMBER	Backflush control code
MINIMUM_TRANSFER_QUANTITY	NOT NULL	NUMBER	Minimum operation transfer quantity
DATE_LAST_MOVED	NULL	DATE	Operation last move date
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
WF_ITEMTYPE	NULL	VARCHAR2(8)	Workflow Item Type
WF_ITEMKEY	NULL	VARCHAR2(240)	Workflow Item Key
OPERATION_YIELD	NULL	NUMBER	Operation yield for an operation

Column Descriptions (Continued)

Name	Null?	Type	Description
OPERATION_YIELD_ENABLED	NULL	NUMBER	Indicates whether operation yield is to be considered by the cost processor
PRE_SPLIT_QUANTITY	NULL	NUMBER	Start Quantity of Parent job in case of split transaction

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_OPERATIONS_N1	NOT UNIQUE	1	REPETITIVE_SCHEDULE_ID
		2	ORGANIZATION_ID
WIP_OPERATIONS_N2	NOT UNIQUE	1	DEPARTMENT_ID
WIP_OPERATIONS_U1	UNIQUE	1	WIP_ENTITY_ID
		2	OPERATION_SEQ_NUM
		3	ORGANIZATION_ID
		4	REPETITIVE_SCHEDULE_ID

Sequences

Sequence	Derived Column
WIP_WORKFLOW_S	WF_ITEMKEY

WIP_OPERATION_RESOURCES

WIP_OPERATION_RESOURCES stores information about the resource requirements associated with job and repetitive schedule operations. Each row represents a resource requirement and contains a sequence number, the resource's unit of measure, its usage rate or amount, and several other attributes that control how it is scheduled and costed. Oracle Work in Process uses this information to schedule jobs and repetitive schedules and to charge resources to jobs and schedules.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID ORGANIZATION_ID	DEPARTMENT_ID ORGANIZATION_ID
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
WIP_OPERATIONS	WIP_ENTITY_ID OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID

QuickCodes Columns

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

Column Descriptions

Name	Null?	Type	Description
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP job or repetitive assembly Identifier
OPERATION_SEQ_NUM (PK)	NOT NULL	NUMBER	Operation sequence number within a routing
RESOURCE_SEQ_NUM (PK)	NOT NULL	NUMBER	Resource sequence number
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
REPETITIVE_SCHEDULE_ID (PK)	NULL	NUMBER	WIP repetitive schedule Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Enhanced Who column
RESOURCE_ID	NOT NULL	NUMBER	Resource Identifier
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code
BASIS_TYPE	NOT NULL	NUMBER	Basis for scheduling and charging resource
USAGE_RATE_OR_AMOUNT	NOT NULL	NUMBER	Rate per assembly or amount per job/schedule
ACTIVITY_ID	NULL	NUMBER	Activity Identifier
SCHEDULED_FLAG	NOT NULL	NUMBER	Method of scheduling the resource
ASSIGNED_UNITS	NULL	NUMBER	Number of resources assigned to do work
AUTOCHARGE_TYPE	NOT NULL	NUMBER	Method of charging the resource
STANDARD_RATE_FLAG	NOT NULL	NUMBER	Indicates whether the resource is charged at the standard rate
APPLIED_RESOURCE_UNITS	NOT NULL	NUMBER	Amount of resource units charged
APPLIED_RESOURCE_VALUE	NOT NULL	NUMBER	Value of resource units charged
START_DATE	NOT NULL	DATE	Scheduled start date of the resource
COMPLETION_DATE	NOT NULL	DATE	Scheduled completion date of the resource
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
RELIEVED_RES_COMPLETION_UNITS	NULL	NUMBER	Units of resource relieved due to WIP completion
RELIEVED_RES_SCRAP_UNITS	NULL	NUMBER	Units of resource relieved due to WIP scrap
RELIEVED_RES_COMPLETION_VALUE	NULL	NUMBER	Value of resource relieved due to WIP completion

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Column Descriptions (Continued)

Name	Null?	Type	Description
RELIEVED_RES_SCRAP_VALUE	NULL	NUMBER	Value of resource relieved due to WIP scrap
RELIEVED_VARIANCE_VALUE	NULL	NUMBER	Value of variance relieved
TEMP_RELIEVED_VALUE	NULL	NUMBER	Temporary column used in completion cost implementation
RELIEVED_RES_FINAL_COMP_UNITS	NULL	NUMBER	Units of resource relieved due to negative final completion
DEPARTMENT_ID	NULL	NUMBER	Department of this resource, if different from that of parent operation
PHANTOM_FLAG	NULL	NUMBER	Indicates whether or not this is a phantom routing resource (1 for yes, 2 for no)
PHANTOM_OP_SEQ_NUM	NULL	NUMBER	Operation sequence number, if part of a phantom routing
PHANTOM_ITEM_ID	NULL	NUMBER	Item, if part of a phantom routing
SCHEDULE_SEQ_NUM	NULL	NUMBER	schedule sequence number
SUBSTITUTE_GROUP_NUM	NULL	NUMBER	substitution group number
REPLACEMENT_GROUP_NUM	NULL	NUMBER	replacement group number
PRINCIPLE_FLAG	NULL	NUMBER	principle flag, for aps
SETUP_ID	NULL	NUMBER	
PARENT_RESOURCE_SEQ	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_OPERATION_RESOURCES_N1	NOT UNIQUE	1	REPETITIVE_SCHEDULE_ID
		2	ORGANIZATION_ID
		3	OPERATION_SEQ_NUM
WIP_OPERATION_RESOURCES_N2	NOT UNIQUE	1	RESOURCE_ID
WIP_OPERATION_RESOURCES_U1	UNIQUE	1	WIP_ENTITY_ID
		2	OPERATION_SEQ_NUM
		3	RESOURCE_SEQ_NUM
		4	ORGANIZATION_ID
		5	REPETITIVE_SCHEDULE_ID

WIP_PERIOD_BALANCES

WIP_PERIOD_BALANCES stores summary accounting information for jobs and schedules. Each row represents job or schedule charges within a given accounting period, and contains the summary values for each cost element. Oracle Work in Process uses this information to report job and schedule values and to calculate job and period variances.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_FLOW_SCHEDULES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLASS_TYPE	WIP_CLASS_TYPE	MFG_LOOKUPS
	1	Standard discrete
	2	Repetitive assembly
	3	Asset non-standard
	4	Expense non-standard

Column Descriptions

Name	Null?	Type	Description
ACCT_PERIOD_ID (PK)	NOT NULL	NUMBER	Accounting period Identifier
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP job or repetitive assembly Identifier
REPETITIVE_SCHEDULE_ID (PK)	NULL	NUMBER	WIP repetitive schedule Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
CLASS_TYPE	NOT NULL	NUMBER	Accounting class type
TL_RESOURCE_IN	NULL	NUMBER	This level resource value put into the job or repetitive schedule
TL_OVERHEAD_IN	NULL	NUMBER	This level overhead value put into the job or repetitive schedule
TL_OUTSIDE_PROCESSING_IN	NULL	NUMBER	This level outside processing value put into the job or repetitive schedule
PL_MATERIAL_IN	NULL	NUMBER	Previous level material value put into the job or repetitive schedule
PL_MATERIAL_OVERHEAD_IN	NULL	NUMBER	Previous level material overhead value put into the job or repetitive schedule

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Column Descriptions (Continued)

Name	Null?	Type	Description
PL_RESOURCE_IN	NULL	NUMBER	Previous level resource value put into the job or repetitive schedule
PL_OVERHEAD_IN	NULL	NUMBER	Previous level overhead value put into the job or repetitive schedule
PL_OUTSIDE_PROCESSING_IN	NULL	NUMBER	Previous level outside processing value put into the job or repetitive schedule
TL_MATERIAL_OUT	NULL	NUMBER	This level material value taken out of the job or repetitive schedule
TL_MATERIAL_OVERHEAD_OUT	NULL	NUMBER	This level material overhead value taken out of the job or repetitive schedule
TL_RESOURCE_OUT	NULL	NUMBER	This level resource value taken out of the job or repetitive schedule
TL_OVERHEAD_OUT	NULL	NUMBER	This level overhead value taken out of the job or repetitive schedule
TL_OUTSIDE_PROCESSING_OUT	NULL	NUMBER	This level outside processing value taken out of the job or repetitive schedule
PL_MATERIAL_OUT	NULL	NUMBER	Previous level material value taken out of the job or repetitive schedule
PL_MATERIAL_OVERHEAD_OUT	NULL	NUMBER	Previous level material overhead value taken out of the job or repetitive schedule
PL_RESOURCE_OUT	NULL	NUMBER	Previous level resource value taken out of the job or repetitive schedule
PL_OVERHEAD_OUT	NULL	NUMBER	Previous level overhead value taken out of the job or repetitive schedule
PL_OUTSIDE_PROCESSING_OUT	NULL	NUMBER	Previous level outside processing value taken out of the job or repetitive schedule
REQUEST_ID	NULL	NUMBER	Extended Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended Who column
PROGRAM_ID	NULL	NUMBER	Extended Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who column
TL_MATERIAL_VAR	NULL	NUMBER	This level material variance
TL_MATERIAL_OVERHEAD_VAR	NULL	NUMBER	This level material overhead variance
TL_RESOURCE_VAR	NULL	NUMBER	This level resource variance
TL_OUTSIDE_PROCESSING_VAR	NULL	NUMBER	This level outside processing variance
TL_OVERHEAD_VAR	NULL	NUMBER	This level overhead variance
PL_MATERIAL_VAR	NULL	NUMBER	Previous level material variance
PL_MATERIAL_OVERHEAD_VAR	NULL	NUMBER	Previous level material overhead variance
PL_RESOURCE_VAR	NULL	NUMBER	Previous level resource variance
PL_OVERHEAD_VAR	NULL	NUMBER	Previous level overhead variance
PL_OUTSIDE_PROCESSING_VAR	NULL	NUMBER	Previous level outside processing variance

Column Descriptions (Continued)

Name	Null?	Type	Description
TL_SCRAP_IN	NULL	NUMBER	This level scrap in, applicable only for WSM entities
TL_SCRAP_OUT	NULL	NUMBER	This level scrap out, applicable only for WSM entities
TL_SCRAP_VAR	NULL	NUMBER	This level scrap variance, applicable only for WSM entities

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_PERIOD_BALANCES_N1	NOT UNIQUE	1	WIP_ENTITY_ID
		2	ACCT_PERIOD_ID
WIP_PERIOD_BALANCES_U1	UNIQUE	1	ACCT_PERIOD_ID
		2	ORGANIZATION_ID
		3	WIP_ENTITY_ID
		4	REPETITIVE_SCHEDULE_ID

WIP_REPETITIVE_SCHEDULES

WIP_REPETITIVE_SCHEDULES stores repetitive schedule information. Each row includes a repetitive schedule Identifier, information about the schedule's production line, start and end dates, rate, throughput, revision, status, and information on the General Ledger accounts to which charges for this schedule are written. Oracle Work in Process uses this information to control repetitive production.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	COMMON_BOM_SEQUENCE_ID
BOM_OPERATIONAL_ROUTINGS	ROUTING_SEQUENCE_ID	COMMON_ROUTING_SEQUENCE_ID
WIP_REPETITIVE_ITEMS	WIP_ENTITY_ID LINE_ID	WIP_ENTITY_ID LINE_ID
WIP_REPETITIVE_ITEMS	WIP_ENTITY_ID LINE_ID	WIP_ENTITY_ID LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FIRM_PLANNED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
STATUS_TYPE	WIP_JOB_STATUS	MFG_LOOKUPS
	1	Unreleased
	10	Pending Routing Load
	11	Failed Routing Load
	12	Closed
	13	Pending - Mass Loaded
	14	Pending Close
	15	Failed Close
	3	Released
	4	Complete
	5	Complete - No Charges
	6	On Hold
	7	Cancelled
	8	Pending Bill Load
	9	Failed Bill Load

Column Descriptions

Name	Null?	Type	Description
REPETITIVE_SCHEDULE_ID (PK)	NOT NULL	NUMBER	WIP repetitive schedule Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_ID	NULL	NUMBER	Enhanced Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_UPDATE_DATE	NULL	DATE	Enhanced Who column
WIP_ENTITY_ID	NOT NULL	NUMBER	WIP repetitive assembly Identifier
LINE_ID	NOT NULL	NUMBER	WIP line Identifier
DAILY_PRODUCTION_RATE	NOT NULL	NUMBER	Schedule daily quantity
PROCESSING_WORK_DAYS	NOT NULL	NUMBER	Processing work days
STATUS_TYPE	NOT NULL	NUMBER	Status of repetitive schedule
FIRM_PLANNED_FLAG	NOT NULL	NUMBER	Control for MRP rescheduling
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate bill of material used in repetitive schedule
COMMON_BOM_SEQUENCE_ID	NULL	NUMBER	Common bill Identifier
BOM_REVISION	NULL	VARCHAR2(3)	Inventory item revision code
BOM_REVISION_DATE	NULL	DATE	Date of inventory item revision used to explode the bill of material used in the schedule
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate routing used in a repetitive schedule
COMMON_ROUTING_SEQUENCE_ID	NULL	NUMBER	Common routing Identifier
ROUTING_REVISION	NULL	VARCHAR2(3)	Routing revision code
ROUTING_REVISION_DATE	NULL	DATE	Routing revision date
FIRST_UNIT_START_DATE	NOT NULL	DATE	First unit start date
FIRST_UNIT_COMPLETION_DATE	NOT NULL	DATE	First unit completion date
LAST_UNIT_START_DATE	NOT NULL	DATE	Last unit start date
LAST_UNIT_COMPLETION_DATE	NOT NULL	DATE	Last unit completion date
DATE_RELEASED	NULL	DATE	Date on which repetitive schedule is released
DATE_CLOSED	NULL	DATE	Date on which the repetitive schedule is set to Complete - No charges or to Cancelled
QUANTITY_COMPLETED	NOT NULL	NUMBER	Current quantity completed on the schedule
DESCRIPTION	NULL	VARCHAR2(240)	Descriptive text
DEMAND_CLASS	NULL	VARCHAR2(30)	Type of demand the schedule satisfies
MATERIAL_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate material charges for a repetitive schedule
MATERIAL_OVERHEAD_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate material overhead charges for a repetitive schedule
RESOURCE_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate resource charges for a repetitive schedule
OVERHEAD_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate overhead charges for a repetitive schedule
OUTSIDE_PROCESSING_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate outside processing charges for a repetitive schedule
MATERIAL_VARIANCE_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate material variances for a repetitive schedule
OVERHEAD_VARIANCE_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate overhead variances for a repetitive schedule
RESOURCE_VARIANCE_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate resource variances for a repetitive schedule

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Column Descriptions (Continued)

Name	Null?	Type	Description
OUTSIDE_PROC_VARIANCE_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate outside processing variances for a repetitive schedule
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
PO_CREATION_TIME	NOT NULL	NUMBER	Determines whether or not a purchase order is created for an outside processing item, and when it is created

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_REPETITIVE_SCHEDULES_N1	NOT UNIQUE	1	LINE_ID
WIP_REPETITIVE_SCHEDULES_N2	NOT UNIQUE	1 2	WIP_ENTITY_ID LINE_ID
WIP_REPETITIVE_SCHEDULES_U1	UNIQUE	1 2	REPETITIVE_SCHEDULE_ID ORGANIZATION_ID

Sequences

Sequence	Derived Column
WIP_REPETITIVE_SCHEDULES_S	REPETITIVE_SCHEDULE_ID

WIP_TRANSACTIONS

WIP_TRANSACTIONS stores information about WIP resource transactions. Each row represents a single resource transaction and includes a unique transaction Identifier, a transaction date, the job or repetitive schedule charged, the WIP operation and resource charges, and the number of units of measure applied. Oracle Work in Process uses this information to track resource charges and to calculate the values stored in WIP_TRANSACTION_ACCOUNTS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	PRIMARY_ITEM_ID ORGANIZATION_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_ID
RCV_TRANSACTIONS	TRANSACTION_ID	RCV_TRANSACTION_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	LINE_ID
WIP_MOVE_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTOCHARGE_TYPE	BOM_AUTOCHARGE_TYPE	MFG_LOOKUPS
	1	WIP move
	2	Manual
	3	PO receipt
BASIS_TYPE	4	PO move
	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
TRANSACTION_TYPE	5	Total Value
	6	Activity
	WIP_TRANSACTION_TYPE	MFG_LOOKUPS
	1	Resource transaction
	2	Overhead transaction
	3	Outside processing
	4	Cost update
	5	Period close variance
	6	Job close variance

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction Identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
WIP_ENTITY_ID	NOT NULL	NUMBER	WIP job or repetitive assembly Identifier
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item Identifier of the assembly that the job or schedule creates
ACCT_PERIOD_ID	NOT NULL	NUMBER	Accounting period Identifier
DEPARTMENT_ID	NULL	NUMBER	Department Identifier
TRANSACTION_TYPE	NOT NULL	NUMBER	Transaction type
TRANSACTION_DATE	NOT NULL	DATE	Date transaction was performed
GROUP_ID	NULL	NUMBER	Transaction group Identifier
LINE_ID	NULL	NUMBER	WIP line Identifier
SOURCE_CODE	NULL	VARCHAR2(30)	Code of the source system that generated the transaction record (null if created by Oracle Work in Process)
SOURCE_LINE_ID	NULL	NUMBER	Identifier used by the source system that generated the transaction record (null if created by Oracle Work in Process)
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number within a routing
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource requirement sequence number
EMPLOYEE_ID	NULL	NUMBER	Employee Identifier
RESOURCE_ID	NULL	NUMBER	Resource requirement Identifier
AUTOCHARGE_TYPE	NULL	NUMBER	Method of charging the resource
STANDARD_RATE_FLAG	NULL	NUMBER	Determines whether or not the resource is charged at the standard rate
USAGE_RATE_OR_AMOUNT	NULL	NUMBER	Rate per assembly or amount per job/schedule
BASIS_TYPE	NULL	NUMBER	Basis for charging the resource requirement
TRANSACTION_QUANTITY	NULL	NUMBER	Transaction quantity
TRANSACTION_UOM	NULL	VARCHAR2(3)	Unit of measure used in the transaction
PRIMARY_QUANTITY	NULL	NUMBER	Quantity transacted expressed in the primary unit of measure
PRIMARY_UOM	NULL	VARCHAR2(3)	Primary unit of measure
ACTUAL_RESOURCE_RATE	NULL	NUMBER	Actual rate of the resource requirement
STANDARD_RESOURCE_RATE	NULL	NUMBER	Standard rate of the resource requirement
CURRENCY_CODE	NULL	VARCHAR2(15)	Currency code used in the transaction
CURRENCY_CONVERSION_DATE	NULL	DATE	Date of the currency conversion
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(10)	Currency conversion type used for the transaction
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate used for the transaction

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Column Descriptions (Continued)

Name	Null?	Type	Description
CURRENCY_ACTUAL_RESOURCE_RATE	NULL	NUMBER	Actual resource rate converted for the currency code
ACTIVITY_ID	NULL	NUMBER	Activity Identifier
REASON_ID	NULL	NUMBER	Reason Identifier
REFERENCE	NULL	VARCHAR2(240)	Transaction reference descriptive text
MOVE_TRANSACTION_ID	NULL	NUMBER	Move transaction Identifier
PO_HEADER_ID	NULL	NUMBER	Purchase order header Identifier
PO_LINE_ID	NULL	NUMBER	Purchase order line Identifier
RCV_TRANSACTION_ID	NULL	NUMBER	Receiving transaction Identifier
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
REQUEST_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Enhanced Who column
COST_UPDATE_ID	NULL	NUMBER	Identifier of the cost update process that updated the record
PM_COST_COLLECTED	NULL	VARCHAR2(1)	Flag to indicate if costs have been collected for project manufacturing
PM_COST_COLLECTOR_GROUP_ID	NULL	NUMBER	Group identifier used for collecting costs for project manufacturing
PROJECT_ID	NULL	NUMBER	Project Identifier
TASK_ID	NULL	NUMBER	Project task Identifier
COMPLETION_TRANSACTION_ID	NULL	NUMBER	Originating completion transaction in MTL_MATERIAL_TRANSACTIONS

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_TRANSACTIONS_N1	NOT UNIQUE	1	WIP_ENTITY_ID
WIP_TRANSACTIONS_N2	NOT UNIQUE	1	TRANSACTION_DATE
		2	CREATION_DATE
		3	TRANSACTION_ID
WIP_TRANSACTIONS_N3	NOT UNIQUE	1	COST_UPDATE_ID
		3	WIP_ENTITY_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
WIP_TRANSACTIONS_N4	NOT UNIQUE	2	PM_COST_COLLECTED
		4	PM_COST_COLLECTOR_GROUP_ID
WIP_TRANSACTIONS_N5	NOT UNIQUE	2	PRIMARY_ITEM_ID
		4	ORGANIZATION_ID
WIP_TRANSACTIONS_U1	UNIQUE	1	TRANSACTION_ID

Sequences

Sequence	Derived Column
WIP_TRANSACTIONS_S	TRANSACTION_ID
WIP_TRANSACTIONS_S	GROUP_ID

Database Triggers

Trigger Name : AX_WIP_TRANSACTIONS_ARI1
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : INSERT

This trigger captures information needed to create subledger accounting events when Oracle Inventory and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger captures accounting events related to WIP resource transactions. It executes when an outside resource transaction is created and the source is from a receiving system. It populates the AX_EVENTS table.

WSM_CO_PRODUCTS

Definition of OSFM Co-product relationship

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	BILL_SEQUENCE_ID
BOM_INVENTORY_COMPONENTS	COMPONENT_SEQUENCE_ID	COMPONENT_SEQUENCE_ID
MTL_ITEM_LOCATIONS	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_LOCATION_ID	SUPPLY_LOCATOR_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	SUPPLY_SUBINVENTORY
	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	CO_PRODUCT_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	COMPONENT_ID
WSM_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
CO_PRODUCT_GROUP_ID (PK)	NOT NULL	NUMBER	Co-product group identifies the relationships between One Component and Co-Products in a definition.
COMPONENT_ID (PK)	NOT NULL	NUMBER	Component Identifier.
ORGANIZATION_ID	NOT NULL	NUMBER	OSFM Organization Identifier.
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
CO_PRODUCT_ID	NULL	NUMBER	Co-Product Identifier
BILL_SEQUENCE_ID	NULL	NUMBER	Bill Sequence Id in Bill of Materials.
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Component sequence Id for the primary Bill created for the primary co-product in a group.
SPLIT	NULL	NUMBER	Normally, Primary co-product will have the highest % value.
EFFECTIVITY_DATE	NOT NULL	DATE	Co-product group effective date.
DISABLE_DATE	NULL	DATE	
PRIMARY_FLAG	NULL	VARCHAR2(1)	Primary co-product will have Y. Non-primary co-product will have N. Values for component records will be NULL.
REVISION	NULL	VARCHAR2(3)	Co-product revision Identifier.
CHANGE_NOTICE	NULL	VARCHAR2(10)	Co-product Engineering Change Notice.
IMPLEMENTATION_DATE	NULL	DATE	ECO Implementation date.
USAGE_RATE	NOT NULL	NUMBER	Component Usage rate.
DUALITY_FLAG	NULL	VARCHAR2(1)	Duality Flag (For future use)
PLANNING_FACTOR	NULL	NUMBER	Planning Factor
COMPONENT_YIELD_FACTOR	NULL	NUMBER	Component Yield.
INCLUDE_IN_COST_ROLLUP	NULL	NUMBER	Include this component in cost-rollup
WIP_SUPPLY_TYPE	NULL	NUMBER	Work In Process Supply Type.
SUPPLY_SUBINVENTORY	NULL	VARCHAR2(10)	Supply Subinventory for component

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Column Descriptions (Continued)

Name	Null?	Type	Description
SUPPLY_LOCATOR_ID	NULL	NUMBER	Supply Locator for component, if supply subinventory is locator controlled.
COMPONENT_REMARKS	NULL	VARCHAR2(240)	Component Remarks
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield definition category
COMP_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
COMP_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_CO_PRODUCTS_U1	UNIQUE	1	CO_PRODUCT_GROUP_ID
		2	CO_PRODUCT_ID

Sequences

Sequence	Derived Column
WSM_CO_PRODUCTS_S	CO_PRODUCT_GROUP_ID

WSM_CO_PROD_COMP_SUBSTITUTES

Substitute Component Details for co-product group component.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	SUBSTITUTE_COMPONENT_ID
WSM_CO_PRODUCTS	CO_PRODUCT_GROUP_ID	CO_PRODUCT_GROUP_ID

Column Descriptions

Name	Null?	Type	Description
SUBSTITUTE_COMPONENT_ID (PK)	NOT NULL	NUMBER	Substitute component for the component in a coproduct group.
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN		NUMBER	Standard Who Column
CO_PRODUCT_GROUP_ID (PK)	NOT NULL	NUMBER	Co-product group Identifier.
SUBSTITUTE_ITEM_QUANTITY	NOT NULL	NUMBER	Substitute Component Quantity
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_CO_PROD_COMP_SUBS_U1	UNIQUE	1	CO_PRODUCT_GROUP_ID
		2	SUBSTITUTE_COMPONENT_ID

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WSM_CO_PROD_SUBSTITUTES

Details of Substitute Co-product for the coproducs in a coproduct group..

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	SUBSTITUTE_CO_PRODUCT_ID
WSM_CO_PRODUCTS	CO_PRODUCT_GROUP_ID	CO_PRODUCT_GROUP_ID
	CO_PRODUCT_ID	CO_PRODUCT_ID

Column Descriptions

Name	Null?	Type	Description
SUBSTITUTE_CO_PRODUCT_ID (PK)	NOT NULL	NUMBER	Substitute co-product id.
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
CO_PRODUCT_GROUP_ID (PK)	NOT NULL	NUMBER	Co-product Group Identifier.
CO_PRODUCT_ID (PK)	NOT NULL	NUMBER	Co-product Id for which the substitute co-product is specified.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment structure defintion
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_CO_PROD_SUBSTITUTES_U1	UNIQUE	1	CO_PRODUCT_GROUP_ID
		2	CO_PRODUCT_ID
		3	SUBSTITUTE_CO_PRODUCT_ID

WSM_INTERFACE_ERRORS

Table for capturing information regarding errors encountered in processing records in OSFM Interface tables.

Column Descriptions

Name	Null?	Type	Description
MESSAGE	NULL	VARCHAR2(2000)	Error Message Text
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
HEADER_ID	NOT NULL	NUMBER	Header Id of the OSFM Interface table processed by this request.
MESSAGE_TYPE	NOT NULL	NUMBER	Message Type - Warning, Error.
REQUEST_ID	NOT NULL	NUMBER	Concurrent Request Who Column
PROGRAM_ID	NOT NULL	NUMBER	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NOT NULL	NUMBER	Concurrent Request Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_INTERFACE_ERRORS_N1	NOT UNIQUE	1	HEADER_ID
		2	REQUEST_ID

WSM_ITEM_EXTENSIONS

Defines the Sector Extensions for a organization Item.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
WSM_SECTOR_EXTENSIONS	SECTOR_EXTENSION_ID	SECTOR_EXTENSION_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	OSFM organization identifier.
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory Item Identifier.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who Column
SECTOR_EXTENSION_ID	NOT NULL	NUMBER	Sector Extension Identifier.

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_ITEM_EXTENSIONS_U1	UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID

WSM_LOT_JOB_INTERFACE

Interface table for the Import of Lot based Jobs in OSFM.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	ORGANIZATION_ID ASSEMBLY_ITEM_ID ALTERNATE_BOM_DESIGNATOR	ORGANIZATION_ID PRIMARY_ITEM_ID ALTERNATE_BOM_DESIGNATOR
BOM_OPERATIONAL_ROUTINGS	ORGANIZATION_ID ASSEMBLY_ITEM_ID ALTERNATE_ROUTING_DESIGNATOR	ORGANIZATION_ID PRIMARY_ITEM_ID ALTERNATE_ROUTING_DESIGNATOR
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID	ORGANIZATION_ID COMPLETION_LOCATOR_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID COMPLETION_SUBINVENTORY
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	PRIMARY_ITEM_ID
ORG_ORGANIZATION_DEFINITION_R9	ORGANIZATION_CODE	ORGANIZATION_CODE
WIP_ACCOUNTING_CLASSES	ORGANIZATION_ID CLASS_CODE	ORGANIZATION_ID CLASS_CODE
WIP_ENTITIES	ORGANIZATION_ID WIP_ENTITY_NAME	ORGANIZATION_ID JOB_NAME
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WSM_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
MODE_FLAG	NOT NULL	NUMBER	User enters 2 if a wip lot is created from an inventory lot, otherwise a value of 1 (even for job update).
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Concurrent Request Who Column
PROGRAM_ID	NULL	NUMBER	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Request Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column
GROUP_ID	NULL	NUMBER	Processing group identifier
SOURCE_CODE	NULL	VARCHAR2(30)	Code of the process that generated the interface record.
SOURCE_LINE_ID	NULL	NUMBER	dentifier of the source system that generated the interface record
PROCESS_TYPE	NULL	NUMBER	Process type.
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
LOAD_TYPE	NOT NULL	NUMBER	Type of Interface Record. 5 - Job creation, 6 - Job update.
STATUS_TYPE	NULL	NUMBER	Status of the job to be loaded
OLD_STATUS_TYPE	NULL	NUMBER	Old status
LAST_UNIT_COMPLETION_DATE	NULL	DATE	Job completion date.
OLD_COMPLETION_DATE	NULL	DATE	Old completion date
PROCESSING_WORK_DAYS	NULL	NUMBER	processing days of repetitive schedule
DAILY_PRODUCTION_RATE	NULL	NUMBER	Schedule daily quantity

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Column Descriptions (Continued)

Name	Null?	Type	Description
LINE_ID	NULL	NUMBER	Line identifier (Not used)
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory Item Identifier for the assembly that the job creates
BOM_REFERENCE_ID	NULL	NUMBER	Identifier that uniquely identifies a bill of material. For explosion of nonstandard jobs, this should be assembly identifier used as bill of material reference
ROUTING_REFERENCE_ID	NULL	NUMBER	Identifier that uniquely identifies a routing. For explosion of nonstandard jobs, this should be assembly identifier used as routing reference
BOM_REVISION_DATE	NULL	DATE	date of inventory Item revision used to explode the bill of materials used in the job
ROUTING_REVISION_DATE	NULL	DATE	Routing revision date
WIP_SUPPLY_TYPE	NULL	NUMBER	Method of material consumption within WIP
CLASS_CODE	NULL	VARCHAR2(10)	Accounting class associated with job
LOT_NUMBER	NULL	VARCHAR2(30)	Default lot number to assign to assemblies completed from the job
LOT_CONTROL_CODE	NULL	NUMBER	Lot Control Code
JOB_NAME	NULL	VARCHAR2(240)	Lot Job Name
DESCRIPTION	NULL	VARCHAR2(240)	Description
FIRM_PLANNED_FLAG	NULL	NUMBER	Control for Planning scheduling
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate routing used in a job
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate bill of material used in a job
DEMAND_CLASS	NULL	VARCHAR2(30)	Type of demand the job satisfies
START_QUANTITY	NULL	NUMBER	Job start quantity
OLD_START_QUANTITY	NULL	NUMBER	Old job start quantity (used while updating job parameters)
WIP_ENTITY_ID	NULL	NUMBER	Wip job identifier
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	
ERROR	NULL	VARCHAR2(240)	Error message
PARENT_GROUP_ID	NULL	NUMBER	
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	
ATTRIBUTE3	NULL	VARCHAR2(150)	
ATTRIBUTE4	NULL	VARCHAR2(150)	
ATTRIBUTE5	NULL	VARCHAR2(150)	
ATTRIBUTE6	NULL	VARCHAR2(150)	
ATTRIBUTE7	NULL	VARCHAR2(150)	
ATTRIBUTE8	NULL	VARCHAR2(150)	
ATTRIBUTE9	NULL	VARCHAR2(150)	
ATTRIBUTE10	NULL	VARCHAR2(150)	
ATTRIBUTE11	NULL	VARCHAR2(150)	
ATTRIBUTE12	NULL	VARCHAR2(150)	

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE13	NULL	VARCHAR2(150)	
ATTRIBUTE14	NULL	VARCHAR2(150)	
ATTRIBUTE15	NULL	VARCHAR2(150)	
LAST_UPDATED_BY_NAME	NULL	VARCHAR2(100)	Standard Who Column
CREATED_BY_NAME	NULL	VARCHAR2(100)	Standard Who Column
PROCESS_PHASE	NULL	NUMBER	Process phase
PROCESS_STATUS	NULL	NUMBER	Process status 1- Pending, 2- Running, 3- Error, 4 - Successful.
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Short Code that uniquely identifies the organization
FIRST_UNIT_START_DATE	NULL	DATE	
FIRST_UNIT_COMPLETION_DATE	NULL	DATE	
LAST_UNIT_START_DATE	NULL	DATE	
SCHEDULING_METHOD	NULL	NUMBER	
LINE_CODE	NULL	VARCHAR2(10)	
PRIMARY_ITEM_SEGMENTS	NULL	VARCHAR2(2000)	
BOM_REFERENCE_SEGMENTS	NULL	VARCHAR2(2000)	
ROUTING_REFERENCE_SEGMENTS	NULL	VARCHAR2(2000)	
ROUTING_REVISION	NULL	VARCHAR2(3)	
BOM_REVISION	NULL	VARCHAR2(3)	
COMPLETION_SUBINVENTORY	NULL	VARCHAR2(10)	Completion subinventory
COMPLETION_LOCATOR_ID	NULL	NUMBER	Completion locator identifier
COMPLETION_LOCATOR_SEGMENTS	NULL	VARCHAR2(2000)	
SCHEDULE_GROUP_ID	NULL	NUMBER	
SCHEDULE_GROUP_NAME	NULL	VARCHAR2(30)	
BUILD_SEQUENCE	NULL	NUMBER	
PROJECT_ID	NULL	NUMBER	
PROJECT_NAME	NULL	VARCHAR2(30)	
TASK_ID	NULL	NUMBER	
TASK_NAME	NULL	VARCHAR2(20)	
NET_QUANTITY	NULL	NUMBER	Planning Net Quantity
DESCRIPTIVE_FLEX_SEGMENTS	NULL	VARCHAR2(2000)	
PROJECT_NUMBER	NULL	VARCHAR2(25)	
TASK_NUMBER	NULL	VARCHAR2(25)	
PROJECT_COSTED	NULL	NUMBER	
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	ndicates whether the job can be considered as a supply for the primary assembly only or for the assembly along with its co-products
OVERCOMPLETION_TOLERANCE_TYPE	NULL	NUMBER	
OVERCOMPLETION_TOLERANCE_VALUE	NULL	NUMBER	
KANBAN_CARD_ID	NULL	NUMBER	
PRIORITY	NULL	NUMBER	
DUE_DATE	NULL	DATE	
ALLOW_EXPLOSION	NULL	VARCHAR2(1)	
HEADER_ID (PK)	NOT NULL	NUMBER	Uniquely identifies this request so that it can be referenced by child requests in other interfaces
DELIVERY_ID	NULL	NUMBER	
ERROR_CODE	NULL	NUMBER	
ERROR_MSG	NULL	VARCHAR2(2000)	
INTERFACE_ID	NULL	NUMBER	

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
COPRODUCTS_SUPPLY	NULL	NUMBER	ndicates whether the job can be considered as a supply for the primary assembly only or for the assembly along with its co-products

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
WSM_LOT_JOB_INTERFACE_N1	NOT UNIQUE	1	SOURCE_LINE_ID
WSM_LOT_JOB_INTERFACE_U1	UNIQUE	5	HEADER_ID

WSM_LOT_MOVE_TXN_INTERFACE

Interface table for the Import of Lot based Jobs Shopfloor Move Transactions in OSFM.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	FM_DEPARTMENT_ID
BOM_DEPARTMENTS	DEPARTMENT_ID	TO_DEPARTMENT_ID
BOM_DEPARTMENTS	DEPARTMENT_CODE	FM_DEPARTMENT_CODE
BOM_DEPARTMENTS	DEPARTMENT_CODE	TO_DEPARTMENT_CODE
BOM_OPERATION_SEQUENCES	OPERATION_SEQ_NUM	TO_OPERATION_SEQ_NUM
BOM_STANDARD_OPERATIONS	OPERATION_CODE	FM_OPERATION_CODE
BOM_STANDARD_OPERATIONS	OPERATION_CODE	TO_OPERATION_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	SCRAP_ACCOUNT_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	PRIMARY_ITEM_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
ORG_ACCT_PERIODS	ACCT_PERIOD_ID	ACCT_PERIOD_ID
ORG_ORGANIZATION_DEFINITION_R9	ORGANIZATION_CODE	ORGANIZATION_CODE
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	LINE_ID
WIP_OPERATIONS	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_OPERATIONS	OPERATION_SEQ_NUM	FM_OPERATION_SEQ_NUM
WIP_OPERATIONS	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID
WSM_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID	NULL	NUMBER	Transaction Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATED_BY_NAME	NULL	VARCHAR2(100)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
CREATED_BY_NAME	NULL	VARCHAR2(100)	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Request Who Column
PROGRAM_ID	NULL	NUMBER	Concurrent Request Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column
GROUP_ID	NULL	NUMBER	Transaction group Identifier
SOURCE_CODE	NULL	VARCHAR2(30)	Code of the shop floor control system that generated the transaction record (null if created by Oracle Work in Process)
SOURCE_LINE_ID	NULL	NUMBER	identifier used by source shop floor control system (null if created by Oracle Work in Process)
STATUS	NOT NULL	NUMBER	Transaction processing status
TRANSACTION_TYPE	NULL	NUMBER	Transaction type
ORGANIZATION_ID	NULL	NUMBER	Organization Identifier
ORGANIZATION_CODE	NOT NULL	VARCHAR2(3)	Organization code

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Column Descriptions (Continued)

Name	Null?	Type	Description
WIP_ENTITY_ID	NOT NULL	NUMBER	WIP job or repetitive assembly Identifier
WIP_ENTITY_NAME	NOT NULL	VARCHAR2(240)	Lot based job name
ENTITY_TYPE	NOT NULL	NUMBER	WIP entity type code for Lot based Jobs
PRIMARY_ITEM_ID	NULL	NUMBER	nventory item Identifier for assembly that the job or schedule creates
LINE_ID	NULL	NUMBER	WIP line Identifier
LINE_CODE	NULL	VARCHAR2(10)	Line name
REPETITIVE_SCHEDULE_ID	NOT NULL	NUMBER	WIP repetitive schedule Identifier (this column is solely for internal use)
TRANSACTION_DATE	NOT NULL	DATE	Date transaction was performed
ACCT_PERIOD_ID	NULL	NUMBER	Accounting period Identifier
FM_OPERATION_SEQ_NUM	NOT NULL	NUMBER	From operation sequence number
FM_OPERATION_CODE	NULL	VARCHAR2(4)	From operation code
FM_DEPARTMENT_ID	NULL	NUMBER	From department Identifier
FM_DEPARTMENT_CODE	NULL	VARCHAR2(10)	From department code
FM_INTRAOPERATION_STEP_TYPE	NULL	NUMBER	From intra-operation step
TO_OPERATION_SEQ_NUM	NULL	NUMBER	To operation sequence number
TO_OPERATION_CODE	NULL	VARCHAR2(4)	To operation code
TO_DEPARTMENT_ID	NULL	NUMBER	To department Identifier
TO_DEPARTMENT_CODE	NULL	VARCHAR2(10)	To department code
TO_INTRAOPERATION_STEP_TYPE	NULL	NUMBER	To intraoperation step
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity (between operations)
TRANSACTION_UOM	NOT NULL	VARCHAR2(3)	Unit of measure used in transaction
PRIMARY_QUANTITY	NULL	NUMBER	Quantity of assembly being moved between operations expressed in the assembly's primary unit of measure
PRIMARY_UOM	NULL	VARCHAR2(3)	Primary unit of measure for the assembly
SCRAP_ACCOUNT_ID	NULL	NUMBER(15)	General Ledger account charged when material is scrapped
REASON_ID	NULL	NUMBER	Standard transaction reason identifier
REASON_NAME	NULL	VARCHAR2(30)	Standard transaction reason name
REFERENCE	NULL	VARCHAR2(240)	Transaction reference descriptive text
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
QA_COLLECTION_ID	NULL	NUMBER	Collection Identifier for quality results
KANBAN_CARD_ID	NULL	NUMBER	Kanban Card reference for Move completions
OVERCOMPLETION_TRANSACTION_QTY	NULL	NUMBER	Overcompletion quantity specified in the transaction UOM
OVERCOMPLETION_PRIMARY_QTY	NULL	NUMBER	Overcompletion quantity derived in the primary unit of measure
OVERCOMPLETION_TRANSACTION_ID	NULL	NUMBER	Column that links parent Move/Completion transaction with a child Move transaction for Overcompletions.
ERROR	NULL	VARCHAR2(2000)	Error Message
JUMP_FLAG	NULL	VARCHAR2(1)	Flag to enable Jump functionality
HEADER_ID (PK)	NOT NULL	NUMBER	Header Identifier

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_LOT_MOVE_TXN_INTERFACE_N1	NOT UNIQUE	1	GROUP_ID
WSM_LOT_MOVE_TXN_INTERFACE_U1	NOT UNIQUE	5	HEADER_ID

WSM_LOT_SPLIT_MERGES

Base table for Lot based Inventory Transactions – Header Information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
WSM_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER(15)	Transaction Id (populated from sequence WSM_SPLIT_MERGE_TRANSACTIONS_S)
TRANSACTION_TYPE_ID	NOT NULL	NUMBER(15)	Inventory Lot Transaction Type (1-Split, 2-Merge, 3-Translate and 4-Transfer)
ORGANIZATION_ID	NOT NULL	NUMBER	OSFM Organization Identifier.
WIP_FLAG	NOT NULL	NUMBER	WIP Flag
SPLIT_FLAG	NOT NULL	NUMBER	Split Flag.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
TRANSACTION_REFERENCE	NULL	VARCHAR2(240)	Transaction Reference.
REASON_ID	NULL	NUMBER	Reason for performing this Transaction.
TRANSACTION_DATE	NULL	DATE	Transaction Date.
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure definition.
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
REQUEST_ID	NULL	NUMBER(15)	Concurrent Request Who Column.
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Concurrent Request Who Column.
PROGRAM_ID	NULL	NUMBER(15)	Concurrent Request Who Column.
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column.
PROCESS_STATUS	NULL	NUMBER	1 - Pending, 2-Running, 3-Error, 4-Complete, 5-Warning.
ERROR_MESSAGE	NULL	VARCHAR2(2000)	Error message Text.
GROUP_ID	NULL	NUMBER(15)	Group Identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
TRANSACTION_REASON	NULL	VARCHAR2 (30)	Transaction Reason.

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_LOT_SPLIT_MERGES_N1	NOT UNIQUE	1	GROUP_ID
WSM_LOT_SPLIT_MERGES_U1	UNIQUE	1	TRANSACTION_ID

Sequences

Sequence	Derived Column
WSM_SPLIT_MERGE_TRANSACTIONS_S	TRANSACTION_ID

WSM_LOT_SPLIT_MERGES_INTERFACE

Interface table for Lot based Inventory Lot Transactions – Header Information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
WSM_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID	NULL	NUMBER	Transactions Id (System generated).
TRANSACTION_TYPE_ID	NOT NULL	NUMBER	Inventory Lot Transaction Type (1-Split, 2-Merge, 3-Translate and 4-Transfer)
ORGANIZATION_ID	NOT NULL	NUMBER	OSFM organization identifier
WIP_FLAG	NOT NULL	NUMBER	WIP Flag
SPLIT_FLAG	NOT NULL	NUMBER	Split Flag.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
TRANSACTION_REFERENCE	NULL	VARCHAR2(240)	Transaction Reference.
REASON_ID	NULL	NUMBER	Reason Id
TRANSACTION_DATE	NULL	DATE	Transaction Date
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure definition.
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
REQUEST_ID	NULL	NUMBER	Concurrent Request Who Column.
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Request Who Column.
PROGRAM_ID	NULL	NUMBER	Concurrent Request Who Column.
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column.
PROCESS_STATUS	NULL	NUMBER	1-Pending, 2- Running, 3-Error, 4-Completed and 5-Warning.
ERROR_MESSAGE	NULL	VARCHAR2(2000)	Error message Text.
GROUP_ID	NULL	NUMBER	Group Id.
TRANSACTION_REASON	NULL	VARCHAR2(30)	Transaction Reason.

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Column Descriptions (Continued)

Name	Null?	Type	Description
HEADER_ID	NOT NULL	NUMBER	Header Identifier (Unique - WSM_LOT_SM_IFC_HEADER_S sequence)

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_LOT_SPLIT_MERGES_IFC_N1	NOT UNIQUE	1	GROUP_ID
WSM_LOT_SPLIT_MERGES_IFC_U1	UNIQUE	5	HEADER_ID

Sequences

Sequence	Derived Column
WSM_LOT_SM_IFC_HEADER_S	HEADER_ID

WSM_OPERATION_DETAILS

OSFM Specific details for Standard Operations defined in an OSFM organization.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_STANDARD_OPERATIONS	STANDARD_OPERATION_ID	STANDARD_OPERATION_ID
BOM_STANDARD_OPERATIONS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
STANDARD_OPERATION_ID (PK)	NOT NULL	NUMBER	Standard Operation Id.
QUEUE_MANDATORY_FLAG	NULL	NUMBER	Flag to set Queue intra-operation step mandatory.
RUN_MANDATORY_FLAG	NULL	NUMBER	Flag to set Run intra-operation step mandatory.
TO_MOVE_MANDATORY_FLAG	NULL	NUMBER	Flag to set To-Move intra-operation step mandatory.
SECONDARY_INVENTORY_NAME	NULL	VARCHAR2(10)	Stocking Point (completion subinventory)
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
ORGANIZATION_ID	NOT NULL	NUMBER	OSFM Organization Identifier.
INVENTORY_LOCATION_ID	NULL	NUMBER	Default Inventory Locator Id, if the Subinventory is locator controlled.

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_OPERATION_DETAILS_U1	UNIQUE	1	STANDARD_OPERATION_ID

WSM_PARAMETERS

Define OSFM Parameters for a Inventory/Manufacturing Organization

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	OSFM Organization Identifier.(PK)
NEW_LOT_SEPARATOR	NULL	VARCHAR2(1)	New Lot Separator. (used by OSFM Transactions)
JOB_COMPLETION_SEPARATOR	NULL	VARCHAR2(1)	Lot based Job completion separator
ALLOW_BACKWARD_MOVE_FLAG	NULL	NUMBER	Flag to set to Allow UNDO Last Lot Job Move.
DELETE_BACKWARD_FROM_FLAG	NULL	NUMBER	Not used.
TRANSACTION_ACCOUNT_ID	NULL	NUMBER(15)	ransaction Account Id used for Lot Transactions.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
PLAN_CODE	NULL	VARCHAR2(30)	Quality Plan Code. (Not used currently)
LAST_OPERATION_SEQ_NUM	NULL	NUMBER	Last Operation Sequence Number for a Lot based Job. Default to 9999.
OP_SEQ_NUM_INCREMENT	NULL	NUMBER	Operation Sequence Number Increment for Lot Job Moves. Defaults to 10.
COPRODUCTS_SUPPLY_DEFAULT	NULL	NUMBER	Default for lot job to consider associated co-products as supply.
DEFAULT_ACCT_CLASS_CODE	NULL	VARCHAR2(10)	Default account class code (used by Lot based Job creation).

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_PARAMETERS_U1	UNIQUE	1	ORGANIZATION_ID

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WSM_RESULTING_JOBS_INTERFACE

Interface table for Import WIP Lot Transaction's Resulting Lots – Child Table for WSM_SPLIT_MERGE_TXN_INTERFACE.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_STANDARD_OPERATIONS	OPERATION_CODE	STARTING_OPERATION_CODE
BOM_STANDARD_OPERATIONS	STANDARD_OPERATION_ID	STARTING_STD_OP_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	PRIMARY_ITEM_ID
WSM_SPLIT_MERGE_TXN_INTERFACE	HEADER_ID	HEADER_ID
WSM_SPLIT_MERGE_TXN_INTERFACE	HEADER_ID	HEADER_ID

Column Descriptions

Name	Null?	Type	Description
HEADER_ID (PK)	NOT NULL	NUMBER(15)	Header Identifier
GROUP_ID	NULL	NUMBER(15)	Transaction Group Identifier
WIP_ENTITY_NAME	NOT NULL	VARCHAR2(240)	Lot based Job Name.
DESCRIPTION	NULL	VARCHAR2(240)	Job Description.
PRIMARY_ITEM_ID	NOT NULL	NUMBER	Inventory item Identifier for the assembly the job or schedule creates
CLASS_CODE	NULL	VARCHAR2(10)	WIP Accounting class associated with the job
START_QUANTITY	NOT NULL	NUMBER	Job start quantity
BOM_REFERENCE_ID	NULL	NUMBER	Assembly identifier used as bill of material reference for explosions of nonstandard job
ROUTING_REFERENCE_ID	NULL	NUMBER	Assembly identifier used as routing reference for explosions of nonstandard job
COMMON_BOM_SEQUENCE_ID	NULL	NUMBER	Bill of material identifier when a common bill is used
COMMON_ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing identifier when a common routing is used
ROUTING_REVISION	NULL	VARCHAR2(3)	Short code that uniquely identifies the Routing revision
BOM_REVISION	NULL	VARCHAR2(3)	BOM revision for the primary assembly
BOM_REVISION_DATE	NULL	DATE	Date of assembly item revision used to explode the bills of material used in the job
ROUTING_REVISION_DATE	NULL	DATE	Routing revision date
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Designator if an Alternate Bill is used in this Job.
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Designator if an Alternate Routing is used in this Job.
COMPLETION_SUBINVENTORY	NULL	VARCHAR2(10)	Default completion subinventory for assemblies completed by the job
COMPLETION_LOCATOR_ID	NULL	NUMBER(15)	Default completion locator identifier for assemblies completed by the job
STARTING_OPERATION_CODE	NOT NULL	VARCHAR2(4)	Starting Operation Code
STARTING_STD_OP_ID	NOT NULL	NUMBER	Starting Standard Operation Identifier
STARTING_INTRAOPERATION_STEP	NULL	NUMBER	Starting Intra-operation step

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Column Descriptions (Continued)

Name	Null?	Type	Description
SCHEDULED_COMPLETION_DATE	NULL	DATE	Last unit scheduled completion date
STARTING_WIP_ENTITY_RENAME	NULL	VARCHAR2(240)	Starting WIP Entity Rename
FORWARD_OP_OPTION	NULL	NUMBER	Forward Operations Option
BONUS_ACCT_ID	NULL	NUMBER(15)	Bonus Account Identifier
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class.
PROCESS_STATUS	NOT NULL	NUMBER	Transaction processing status
ERROR_MESSAGE	NULL	VARCHAR2(2000)	Error Message
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
REQUEST_ID	NULL	NUMBER(15)	Concurrent Request Who Column.
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Concurrent Request Who Column.
PROGRAM_ID	NULL	NUMBER(15)	Concurrent Request Who Column.
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column.
SCHEDULED_START_DATE	NULL	DATE	Scheduled Start date.
STARTING_OPERATION_SEQ_NUM	NULL	NUMBER	Starting Operation Sequence Number
COPRODUCTS_SUPPLY	NULL	NUMBER	Coproducts Supply
NET_QUANTITY	NULL	NUMBER	Planning Net Quantity.

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_RESULT_JOBS_INTERFACE_N1	NOT UNIQUE	1	HEADER_ID
		2	WIP_ENTITY_NAME

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WSM_RESULTING_LOTS_INTERFACE

Interface table for Import Inventory Lot Transaction's Resulting Lots.
Child Table for WSM_LOT_SPLIT_MERGES_INTERFACE.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID	ORGANIZATION_ID LOCATOR_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID SUBINVENTORY_CODE
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
WSM_LOT_SPLIT_MERGES_INTERFACE	HEADER_ID	HEADER_ID
WSM_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
LOT_NUMBER	NOT NULL	VARCHAR2(30)	Lot Number
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Id.
ORGANIZATION_ID	NOT NULL	NUMBER	OSFM Organization Identifier
WIP_ENTITY_ID	NULL	NUMBER	Lot based Job Identifier.
QUANTITY	NOT NULL	NUMBER	Quantity
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Secondary Inventory name (Subinventory)
LOCATOR_ID	NULL	NUMBER	Locator Identifier, if secondary inventory is locator controlled.
REVISION	NULL	VARCHAR2(3)	Item revision
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure definition column.
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment.
REQUEST_ID	NULL	NUMBER	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Request Who Column
PROGRAM_ID	NULL	NUMBER	Concurrent Request Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column
HEADER_ID	NOT NULL	NUMBER	Header Id.

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Indexes

Index Name	Index Type	Sequence	Column Name
WSM_RESULTING_LOTS_IFC_N1	NOT UNIQUE	5	HEADER_ID
WSM_RESULTING_LOTS_IFC_U1	UNIQUE	1	HEADER_ID
		2	LOT_NUMBER

WSM_SECTOR_EXTENSIONS

Sector Extensions in OSFM are the segment of a manufacturing process for which a Lot based Job is defined.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_ACCOUNTING_CLASSES	ORGANIZATION_ID CLASS_CODE	ORGANIZATION_ID DEFAULT_ACCT_CLASS_CODE
WSM_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column.
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column.
CREATION_DATE	NOT NULL	DATE	Standard Who Column.
CREATED_BY	NOT NULL	NUMBER	Standard Who Column.
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column.
SECTOR_EXTENSION_ID (PK)	NOT NULL	NUMBER	Generated from Sector Extension Id (WSM_SECTOR_EXTENSIONS_S sequence)
SECTOR_EXTENSION_CODE	NOT NULL	VARCHAR2(10)	Sector Extension Name.
SECTOR_EXTENSION_DESCRIPTION	NULL	VARCHAR2(60)	Sector Extension Description.
ORGANIZATION_ID	NOT NULL	NUMBER	OSFM Organization Identifier.
DEFAULT_ACCT_CLASS_CODE	NOT NULL	VARCHAR2(10)	OSFM Default WIP Accounting Class associated with the Sector Extension.

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_SECTOR_EXTENSIONS_U1	UNIQUE	1	SECTOR_EXTENSION_ID
WSM_SECTOR_EXTENSIONS_U2	UNIQUE	1	ORGANIZATION_ID
		2	SECTOR_EXTENSION_CODE

Sequences

Sequence	Derived Column
WSM_SECTOR_EXTENSIONS_S	SECTOR_EXTENSION_ID

WSM_SM_RESULTING_JOBS

Base table for Resulting Lots for WIP Lot Transactions in OSFM.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_STANDARD_OPERATIONS	OPERATION_CODE	STARTING_OPERATION_CODE
BOM_STANDARD_OPERATIONS	STANDARD_OPERATION_ID	STARTING_STD_OP_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	PRIMARY_ITEM_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WSM_SPLIT_MERGE_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER(15)	Transaction Identifier
WIP_ENTITY_NAME	NOT NULL	VARCHAR2(240)	Job Name
WIP_ENTITY_ID	NULL	NUMBER	Job Identifier.
DESCRIPTION	NULL	VARCHAR2(240)	Description.
PRIMARY_ITEM_ID	NOT NULL	NUMBER	Inventory item Identifier for the assembly the job or schedule manufactures.
CLASS_CODE	NULL	VARCHAR2(10)	WIP Accounting class for the job.
START_QUANTITY	NOT NULL	NUMBER	Job start quantity
BOM_REFERENCE_ID	NULL	NUMBER	Assembly identifier used as bill of material reference for explosions of nonstandard job
ROUTING_REFERENCE_ID	NULL	NUMBER	Assembly identifier used as routing reference for explosions of nonstandard job
COMMON_BOM_SEQUENCE_ID	NULL	NUMBER	Bill of material identifier when a common bill is used
COMMON_ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing identifier when a common routing is used
BOM_REVISION	NULL	VARCHAR2(3)	BOM revision for the primary assembly
ROUTING_REVISION	NULL	VARCHAR2(3)	Routing revision for the primary assembly
BOM_REVISION_DATE	NULL	DATE	Date of assembly item revision used to explode the bills of material used in the job
ROUTING_REVISION_DATE	NULL	DATE	Routing revision date
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate BOM Designator used in a Job.
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate Routing Designator used in a Job.
COMPLETION_SUBINVENTORY	NULL	VARCHAR2(10)	Default completion subinventory for assemblies completed by the job
STARTING_OPERATION_SEQ_NUM	NULL	NUMBER	Starting Operation Sequence Number
STARTING_INTRAOPERATION_STEP	NULL	NUMBER	Starting Intra-operation step
SCHEDULED_START_DATE	NULL	DATE	Date on which job is scheduled to start
SCHEDULED_COMPLETION_DATE	NULL	DATE	Last unit scheduled completion date
STARTING_WIP_ENTITY_RENAME	NULL	VARCHAR2(240)	Starting WIP Entity Rename
FORWARD_OP_OPTION	NULL	NUMBER	Forward Operations Option
BONUS_ACCT_ID	NULL	NUMBER(15)	Bonus Account Identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure definition.
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
REQUEST_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column
COMPLETION_LOCATOR_ID	NULL	NUMBER	Default completion locator identifier for assemblies completed by the job
STARTING_OPERATION_CODE	NOT NULL	VARCHAR2(4)	Starting Operation Code
STARTING_STD_OP_ID	NOT NULL	NUMBER	Starting Standard Operation Identifier
COPRODUCTS_SUPPLY	NULL	NUMBER	Coproducts Supply
NET_QUANTITY	NULL	NUMBER	Planning Net Quantity.

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_SM_RESULTING_JOBS_N1	NOT UNIQUE	1	TRANSACTION_ID
		2	WIP_ENTITY_NAME

WSM_SM_RESULTING_LOTS

Base table for Resulting Lots for Inventory Lot Transactions in OSFM.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_LOCATION_ID	LOCATOR_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
WSM_LOT_SPLIT_MERGES	TRANSACTION_ID	TRANSACTION_ID
WSM_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER(15)	Transaction Identifier.
LOT_NUMBER (PK)	NOT NULL	VARCHAR2(30)	Lot Number
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Id.
ORGANIZATION_ID	NOT NULL	NUMBER	OSFM Organization Identifier.
WIP_ENTITY_ID		NUMBER	Lot based Job Identifier.
QUANTITY	NOT NULL	NUMBER	Quantity.
SUBINVENTORY_CODE		VARCHAR2(10)	Secondary Inventory Name (Subinventory).
LOCATOR_ID	NOT NULL	NUMBER	Inventory Locator Identifier, if the subinventory is locator controlled.
REVISION		VARCHAR2(3)	Item Revision.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN		NUMBER	Standard Who Column
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive Flexfield structure definition.
ATTRIBUTE1		VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE2		VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE3		VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE4		VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE5		VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE6		VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE7		VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE8		VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE9		VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE10		VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE11		VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE12		VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE13		VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE14		VARCHAR2(150)	Descriptive Flexfield segment.
ATTRIBUTE15		VARCHAR2(150)	Descriptive Flexfield segment.
REQUEST_ID		NUMBER(15)	Concurrent Request Who Column
PROGRAM_APPLICATION_ID		NUMBER(15)	Concurrent Request Who Column
PROGRAM_ID		NUMBER(15)	Concurrent Request Who Column
PROGRAM_UPDATE_DATE		DATE	Concurrent Request Who Column

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Indexes

Index Name	Index Type	Sequence	Column Name
WSM_SM_RESULTING_LOTS_N1	NOT UNIQUE	1	TRANSACTION_ID
WSM_SM_RESULTING_LOTS_U1	UNIQUE	1	TRANSACTION_ID
		2	LOT_NUMBER

WSM_SM_STARTING_JOBS

Base table for Starting Lots for WIP Lot Transactions in OSFM.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	PRIMARY_ITEM_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_OPERATIONS	OPERATION_SEQ_NUM	OPERATION_SEQ_NUM
WSM_SPLIT_MERGE_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER (15)	Transaction Identifier
WIP_ENTITY_ID	NOT NULL	NUMBER	Job or schedule Identifier
REPRESENTATIVE_FLAG	NULL	VARCHAR2 (1)	Representative Job Flag
JOB_START_QUANTITY	NULL	NUMBER	Job start quantity
OPERATION_SEQ_NUM	NOT NULL	NUMBER	Operation Sequence Number
INTRAOPERATION_STEP	NULL	NUMBER	Intra-operation step
AVAILABLE_QUANTITY	NOT NULL	NUMBER	Available Quantity
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2 (30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2 (150)	Descriptive Flexfield segment
REQUEST_ID	NULL	NUMBER (15)	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Request Who Column
PROGRAM_ID	NULL	NUMBER (15)	Concurrent Request Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column
WIP_ENTITY_NAME	NULL	VARCHAR2 (240)	WIP job or repetitive assembly name or flow schedule reference code
ROUTING_SEQ_ID	NULL	NUMBER	Routing Identifier
PRIMARY_ITEM_ID	NULL	NUMBER	nventory item Identifier for the assembly.

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Indexes

Index Name	Index Type	Sequence	Column Name
WSM_SM_STARTING_JOBS_N1	NOT UNIQUE	1	TRANSACTION_ID
		2	WIP_ENTITY_ID

WSM_SM_STARTING_LOTS

Base table for Starting Lots for Inventory Lot Transactions in OSFM.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID	ORGANIZATION_ID LOCATOR_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID SUBINVENTORY_CODE
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
WSM_LOT_SPLIT_MERGES	TRANSACTION_ID	TRANSACTION_ID
WSM_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER (15)	Transaction Identifier.
LOT_NUMBER (PK)	NOT NULL	VARCHAR2 (30)	Lot Number
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Identifier.
ORGANIZATION_ID	NOT NULL	NUMBER	OSFM Organization Identifier.
QUANTITY	NOT NULL	NUMBER	Quantity.
SUBINVENTORY_CODE	NOT NULL	VARCHAR2 (10)	Secondary Inventory Name (Subinventory)
LOCATOR_ID	NULL	NUMBER	Inventory Locator Identifier, if subinventory is locator controlled.
REVISION	NULL	VARCHAR2 (3)	Item revision.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2 (30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2 (150)	
ATTRIBUTE2	NULL	VARCHAR2 (150)	
ATTRIBUTE3	NULL	VARCHAR2 (150)	
ATTRIBUTE4	NULL	VARCHAR2 (150)	
ATTRIBUTE5	NULL	VARCHAR2 (150)	
ATTRIBUTE6	NULL	VARCHAR2 (150)	
ATTRIBUTE7	NULL	VARCHAR2 (150)	
ATTRIBUTE8	NULL	VARCHAR2 (150)	
ATTRIBUTE9	NULL	VARCHAR2 (150)	
ATTRIBUTE10	NULL	VARCHAR2 (150)	
ATTRIBUTE11	NULL	VARCHAR2 (150)	
ATTRIBUTE12	NULL	VARCHAR2 (150)	
ATTRIBUTE13	NULL	VARCHAR2 (150)	
ATTRIBUTE14	NULL	VARCHAR2 (150)	
ATTRIBUTE15	NULL	VARCHAR2 (150)	
REQUEST_ID	NULL	NUMBER (15)	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER (15)	Concurrent Request Who Column
PROGRAM_ID	NULL	NUMBER (15)	Concurrent Request Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column

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Indexes

Index Name	Index Type	Sequence	Column Name
WSM_SM_STARTING_LOTS_N1	NOT UNIQUE	1	TRANSACTION_ID
WSM_SM_STARTING_LOTS_U1	UNIQUE	1	TRANSACTION_ID
		2	LOT_NUMBER

WSM_SPLIT_MERGE_SNAPSHOT

WIP Lot Transactions Snapshot table for Shop Floor cost processor.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_OPERATIONS	OPERATION_SEQ_NUM	OPERATION_SEQ_NUM

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction Identifier
WIP_ENTITY_ID	NOT NULL	NUMBER	WIP job or repetitive assembly Identifier
OPERATION_SEQ_NUM	NOT NULL	NUMBER	Operation sequence number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
QUANTITY_COMPLETED	NUL	NUMBER	Assembly Quantity Completed
LAST_UPDATE_LOGIN	NUL	NUMBER	Standard Who column
REQUEST_ID	NUL	NUMBER	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NUL	NUMBER	Concurrent Request Who Column
PROGRAM_ID	NUL	NUMBER	Concurrent Request Who Column
PROGRAM_UPDATE_DATE	NUL	DATE	Concurrent Request Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_SPLIT_MERGE_SNAPSHOT_U1	UNIQUE	1	TRANSACTION_ID
		2	WIP_ENTITY_ID
		3	OPERATION_SEQ_NUM

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WSM_SPLIT_MERGE_TRANSACTIONS

Base table for header information for WIP Lot Transactions in OSFM.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
WSM_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER(15)	Transaction Identifier
TRANSACTION_TYPE_ID	NOT NULL	NUMBER(15)	Transaction Type Identifier
TRANSACTION_DATE	NOT NULL	DATE	Date transaction was performed
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
REASON_ID	NULL	NUMBER	Standard transaction reason identifier
SUSPENSE_ACCT_ID	NULL	NUMBER(15)	Suspense Account Identifier
TRANSACTION_REFERENCE	NULL	VARCHAR2(240)	Transaction reference descriptive text
STATUS	NOT NULL	NUMBER	Transaction processing status
CONCURRENT_REQUEST_ID	NULL	NUMBER(15)	Concurrent Request Identifier
COSTED	NULL	NUMBER	Transaction costing status
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	
ATTRIBUTE2	NULL	VARCHAR2(150)	
ATTRIBUTE3	NULL	VARCHAR2(150)	
ATTRIBUTE4	NULL	VARCHAR2(150)	
ATTRIBUTE5	NULL	VARCHAR2(150)	
ATTRIBUTE6	NULL	VARCHAR2(150)	
ATTRIBUTE7	NULL	VARCHAR2(150)	
ATTRIBUTE8	NULL	VARCHAR2(150)	
ATTRIBUTE9	NULL	VARCHAR2(150)	
ATTRIBUTE10	NULL	VARCHAR2(150)	
ATTRIBUTE11	NULL	VARCHAR2(150)	
ATTRIBUTE12	NULL	VARCHAR2(150)	
ATTRIBUTE13	NULL	VARCHAR2(150)	
ATTRIBUTE14	NULL	VARCHAR2(150)	
ATTRIBUTE15	NULL	VARCHAR2(150)	
REQUEST_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column
GROUP_ID	NULL	NUMBER(15)	Transaction group Identifier
ERROR_MESSAGE	NULL	VARCHAR2(2000)	Error Message

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_SPLIT_MERGE_TXN_N1	NOT UNIQUE	1	GROUP_ID
WSM_SPLIT_MERGE_TXN_U1	UNIQUE	1	TRANSACTION_ID

WSM_SPLIT_MERGE_TXN_INTERFACE

Interface table for Lot based WIP Lot Transactions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
WSM_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
HEADER_ID (PK)	NOT NULL	NUMBER(15)	Header Identifier
TRANSACTION_TYPE_ID	NOT NULL	NUMBER(15)	Transaction Type Identifier
TRANSACTION_DATE	NOT NULL	DATE	Date transaction was performed
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
REASON_ID	NULL	NUMBER	Standard transaction reason identifier
SUSPENSE_ACCT_ID	NULL	NUMBER(15)	Suspense Account Identifier
TRANSACTION_REFERENCE	NULL	VARCHAR2(240)	Transaction reference descriptive text
GROUP_ID	NULL	NUMBER(15)	Transaction group Identifier
PROCESS_STATUS	NOT NULL	NUMBER	Transaction processing status
TRANSACTION_ID	NULL	NUMBER(15)	Transaction Identifier
ERROR_MESSAGE	NULL	VARCHAR2(2000)	Error Message
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	
ATTRIBUTE2	NULL	VARCHAR2(150)	
ATTRIBUTE3	NULL	VARCHAR2(150)	
ATTRIBUTE4	NULL	VARCHAR2(150)	
ATTRIBUTE5	NULL	VARCHAR2(150)	
ATTRIBUTE6	NULL	VARCHAR2(150)	
ATTRIBUTE7	NULL	VARCHAR2(150)	
ATTRIBUTE8	NULL	VARCHAR2(150)	
ATTRIBUTE9	NULL	VARCHAR2(150)	
ATTRIBUTE10	NULL	VARCHAR2(150)	
ATTRIBUTE11	NULL	VARCHAR2(150)	
ATTRIBUTE12	NULL	VARCHAR2(150)	
ATTRIBUTE13	NULL	VARCHAR2(150)	
ATTRIBUTE14	NULL	VARCHAR2(150)	
ATTRIBUTE15	NULL	VARCHAR2(150)	
REQUEST_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_SM_TXN_INTERFACE_N1	NOT UNIQUE	1	GROUP_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
WSM_SM_TXN_INTERFACE_U1	UNIQUE	1	HEADER_ID

WSM_STARTING_JOBS_INTERFACE

Interface table for Import WIP Lot Transaction's Starting Lots. Child table for WSM_SPLIT_MERGE_TXN_INTERFACE.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	PRIMARY_ITEM_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_OPERATIONS	OPERATION_SEQ_NUM	OPERATION_SEQ_NUM
WSM_SPLIT_MERGE_TXN_INTERFACE	HEADER_ID	HEADER_ID
WSM_SPLIT_MERGE_TXN_INTERFACE	HEADER_ID	HEADER_ID

Column Descriptions

Name	Null?	Type	Description
HEADER_ID (PK)	NOT NULL	NUMBER(15)	Header Identifier
WIP_ENTITY_ID	NOT NULL	NUMBER	WIP job or repetitive assembly Identifier
OPERATION_SEQ_NUM	NOT NULL	NUMBER	Operation sequence number
INTRAOOPERATION_STEP	NOT NULL	NUMBER	Intra-operation step
REPRESENTATIVE_FLAG	NULL	VARCHAR2(1)	Representative Job Flag
GROUP_ID	NULL	NUMBER(15)	Transaction group Identifier
PROCESS_STATUS	NOT NULL	NUMBER	Transaction processing status
ERROR_MESSAGE	NULL	VARCHAR2(2000)	Error Message
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	
ATTRIBUTE2	NULL	VARCHAR2(150)	
ATTRIBUTE3	NULL	VARCHAR2(150)	
ATTRIBUTE4	NULL	VARCHAR2(150)	
ATTRIBUTE5	NULL	VARCHAR2(150)	
ATTRIBUTE6	NULL	VARCHAR2(150)	
ATTRIBUTE7	NULL	VARCHAR2(150)	
ATTRIBUTE8	NULL	VARCHAR2(150)	
ATTRIBUTE9	NULL	VARCHAR2(150)	
ATTRIBUTE10	NULL	VARCHAR2(150)	
ATTRIBUTE11	NULL	VARCHAR2(150)	
ATTRIBUTE12	NULL	VARCHAR2(150)	
ATTRIBUTE13	NULL	VARCHAR2(150)	
ATTRIBUTE14	NULL	VARCHAR2(150)	
ATTRIBUTE15	NULL	VARCHAR2(150)	
REQUEST_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Request Who Column
PROGRAM_ID	NULL	NUMBER(15)	Concurrent Request Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column
ROUTING_SEQ_ID	NULL	NUMBER	Routing identifier
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item Identifier for the assembly the job or schedule creates

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Indexes

Index Name	Index Type	Sequence	Column Name
WSM_START_JOBS_INTERFACE_N1	NOT UNIQUE	1	HEADER_ID
		2	WIP_ENTITY_ID

WSM_STARTING_LOTS_INTERFACE

Interface table for Import Inventory Lot Transaction's Starting Lots.
Child table for WSM_LOT_SPLIT_MERGES_INTERFACE.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID	ORGANIZATION_ID LOCATOR_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID SUBINVENTORY_CODE
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
WSM_LOT_SPLIT_MERGES_INTERFACE	HEADER_ID	HEADER_ID
WSM_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
LOT_NUMBER	NOT NULL	VARCHAR2(30)	Lot Number
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item.
ORGANIZATION_ID	NOT NULL	NUMBER	OSFM Organization Identifier.
QUANTITY	NOT NULL	NUMBER	Quantity.
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	Secondary Inventory Name (Subinventory)
LOCATOR_ID	NULL	NUMBER	Inventory Locator Id,if the subinventory is locator controlled.
REVISION	NULL	VARCHAR2(3)	Item Revision.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	
ATTRIBUTE2	NULL	VARCHAR2(150)	
ATTRIBUTE3	NULL	VARCHAR2(150)	
ATTRIBUTE4	NULL	VARCHAR2(150)	
ATTRIBUTE5	NULL	VARCHAR2(150)	
ATTRIBUTE6	NULL	VARCHAR2(150)	
ATTRIBUTE7	NULL	VARCHAR2(150)	
ATTRIBUTE8	NULL	VARCHAR2(150)	
ATTRIBUTE9	NULL	VARCHAR2(150)	
ATTRIBUTE10	NULL	VARCHAR2(150)	
ATTRIBUTE11	NULL	VARCHAR2(150)	
ATTRIBUTE12	NULL	VARCHAR2(150)	
ATTRIBUTE13	NULL	VARCHAR2(150)	
ATTRIBUTE14	NULL	VARCHAR2(150)	
ATTRIBUTE15	NULL	VARCHAR2(150)	
REQUEST_ID	NULL	NUMBER	Concurrent Request Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Request Who Column
PROGRAM_ID	NULL	NUMBER	Concurrent Request Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Request Who Column
HEADER_ID	NOT NULL	NUMBER	Header Identifier

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Indexes

Index Name	Index Type	Sequence	Column Name
WSM_STARTING_LOTS_IFC_N1	NOT UNIQUE	5	HEADER_ID
WSM_STARTING_LOTS_IFC_U1	UNIQUE	1	HEADER_ID
		2	LOT_NUMBER

WSM_SUBINVENTORY_EXTENSIONS

Sector Extensions associated with a subinventory in an OSFM organization.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID	ORGANIZATION_ID
	SECONDARY_INVENTORY_NAME	SECONDARY_INVENTORY_NAME
WSM_SECTOR_EXTENSIONS	SECTOR_EXTENSION_ID	SECTOR_EXTENSION_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	OSFM Organization Identifier
SECONDARY_INVENTORY_NAME (PK)	NOT NULL	VARCHAR2(10)	Subinventory Stocking Points associated with the sector extension.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
SECTOR_EXTENSION_ID	NOT NULL	NUMBER	Sector Extension Identifier to which the subinventory is associated with.

Indexes

Index Name	Index Type	Sequence	Column Name
WSM_SUBINVENTORY_EXTENSIONS_U1	UNIQUE	1	ORGANIZATION_ID
		2	SECONDARY_INVENTORY_NAME

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