

Oracle[®] ASCP and Oracle Global ATP Server Technical Reference Manual

RELEASE 11*i*

December 1999

ORACLE[®]

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Major Contributors: Sue Hanson, Zoe Mitchell

Contributors: Sriram Bala, Brandy Baumbach, Shailesh Kumar, Sridhar Lakshminarayanan, Scott Malcolm, Dan Rudolph, Rosalyn Vu, Dan Weir, Tim Wu

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Introduction

The Oracle ASCP and Oracle Global ATP Server Technical Reference Manual provides the information you need to understand the underlying structure of Oracle Advanced Planning and Scheduling. After reading this manual, you should be able to convert your existing applications data, integrate your existing applications with your Oracle ASCP and Oracle Global ATP Server application, and write custom reports for your Oracle ASCP and Oracle Global ATP Server application, as well as read data that you need to perform other tasks.

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

About this Manual

This manual describes the Oracle Applications Release 11i data model, as used by Oracle ASCP and Oracle Global ATP Server; 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 Advanced Planning and Scheduling 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 ASCP and Oracle Global ATP Server. 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 ASCP and Oracle Global ATP Server Technical Reference Manual contains the latest information as of the publication date. For the latest information we encourage you to use Oracle *MetaLink* which is accessible through Oracle's Support Web Center (http://www.oracle.com/support/elec_sup).

Audience

The Oracle ASCP and Oracle Global ATP Server 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 your Oracle ASCP and Oracle Global ATP Server application. 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 ASCP and Oracle Global ATP Server uses. This chapter also has a list of modules.

Detailed Design

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

- Convert existing application data
- Integrate your Oracle ASCP and Oracle Global ATP Server 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 your Oracle ASCP and Oracle Global ATP Server application. Modifying Oracle Advanced Planning and Scheduling limits your ability to upgrade to future releases of your Oracle ASCP and Oracle Global ATP Server application. In addition, it interferes with our ability to give you the high-quality support you deserve.

We have constructed your Oracle ASCP and Oracle Global ATP Server application 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 ASCP and Oracle Global ATP Server Technical Reference Manual does not contain complete information about the dependencies between Oracle ASCP and Oracle Global ATP Server 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 ASCP and Oracle Global ATP Server 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 ASCP and Oracle Global ATP Server applications 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 ASCP and Oracle Global ATP Server applications 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 ASCP and Oracle Global ATP Server 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,

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database tables and objects, messages, menus, responsibilities, flexfield definitions and online help.



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

Accordingly, this manual does not contain detailed information about most Oracle Application Object Library tables used by your Oracle ASCP and Oracle Global ATP Server application.

A Few Words About Terminology

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

Relationship

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

Database Diagram

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

Summary Database Diagram

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

Module

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

Application Building Block

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

QuickCodes

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

Form

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

Other Information Sources

There are additional information sources, including other documentation, training and support services, that you can use to increase your knowledge and understanding of Oracle Designer, Oracle Application Object Library, and your Oracle ASCP and Oracle Global ATP Server application. 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 Oracle Applications products and how to apply this UI to the design of an application built using Oracle Forms 6.

Oracle ASCP and Oracle Global ATP Server applications User Guide

Your user guide provides you with all the information you need to use your Release 11i Oracle ASCP and Oracle Global ATP Server 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 ASCP and Oracle Global ATP Server 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 manual before implementing Oracle ASCP and Oracle Global ATP Server. This manual details additional steps and setup considerations for implementing Oracle ASCP and Oracle Global ATP Server 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 ASCP and Oracle Global ATP Server installation, use this guide to learn about setting up and using Oracle ASCP and Oracle Global ATP Server 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.

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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 your Oracle ASCP and Oracle Global ATP Server application 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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High-Level Design

This chapter presents a high-level design for Oracle Advanced Planning and Scheduling that satisfies the business needs we specify during Strategy and Analysis. It contains database diagrams for Oracle Advanced Planning and Scheduling 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 ASCP and Oracle Global ATP Server applications. And, you can prepare yourself to understand the detailed design and implementation of Oracle Advanced Planning and Scheduling.

Summary Database Diagram

The Summary Database Diagram section graphically represents the most important application tables and the relationships between them. It omits tables and relationships that contribute little to the understanding of the application data model. Typically, a summary database diagram shows tables that contain key reference and transaction data.

We prepare a summary database diagram to describe, at a conceptual level, the key information on which our business depends. Later, we refine this summary database diagram, breaking it into multiple database diagrams (generally, one per application building block) to represent all the tables and relationships we need to implement our application in the database.

Review the Summary Database Diagram section to see at a glance the major tables and relationships on which your Oracle ASCP and Oracle Global ATP Server application depends.

Database Diagrams

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

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

Public Tables

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

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

Internal Tables

This section includes a list of private, internal tables used by Oracle ASCP and Oracle Global ATP Server; we do not provide additional documentation for these tables.

View Lists

The View List sections list the Oracle ASCP and Oracle Global ATP Server 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 ASCP and Oracle Global ATP Server 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 ASCP and Oracle Global ATP Server 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 ASCP and Oracle Global ATP Server. Use your user's guide to learn more about reports and concurrent processes.

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Summary Database Diagram

This Summary Database Diagram graphically represents the most important Oracle ASCP and Oracle Global ATP Server applications tables and the relationships between them. It describes, at a conceptual level, the key information on which your Oracle ASCP and Oracle Global ATP Server application depends.

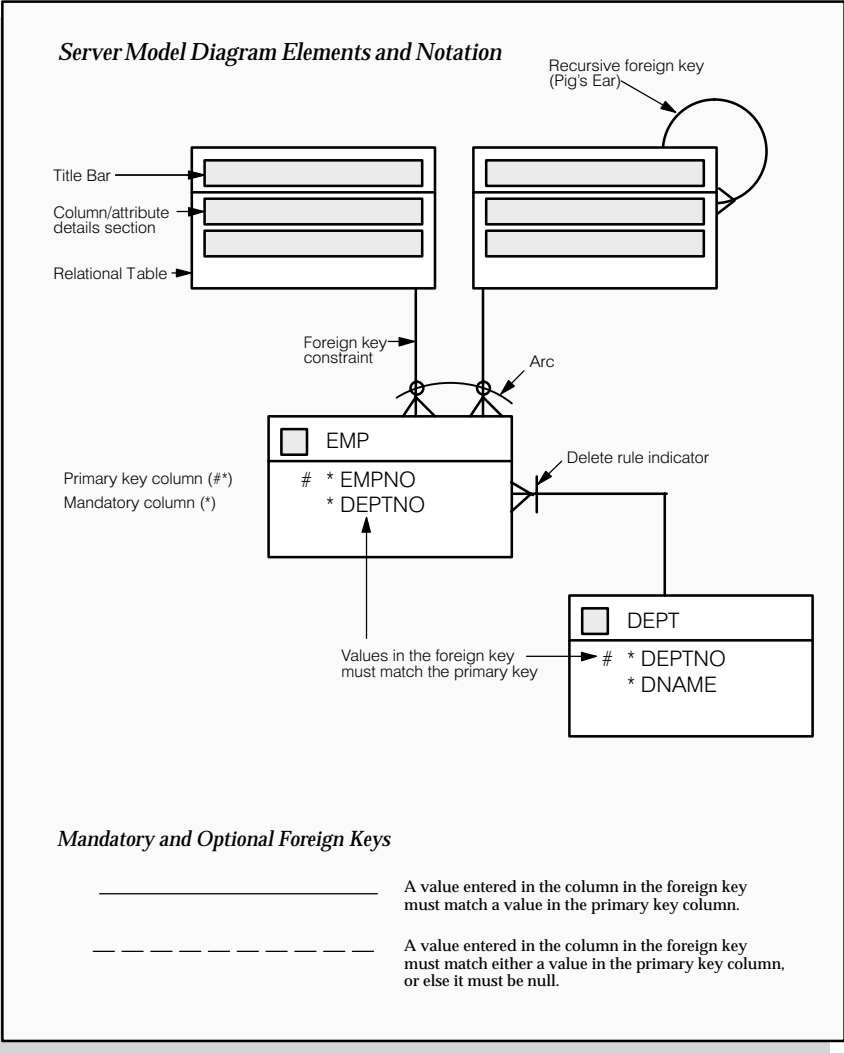
This diagram does not represent the complete database implementation of Oracle ASCP and Oracle Global ATP Server applications tables. It shows tables that contain key reference and transaction data, and omits tables and relationships that contribute little to the understanding of the Oracle ASCP and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

For more detailed graphical representations of Oracle ASCP and Oracle Global ATP Server applications tables and the relationships between them, see the Database Diagrams section in this chapter.

Database Diagramming Conventions

Figure 2 - 1
Database Diagram
Conventions

We use the following notational conventions in our database diagrams:



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 ASCP and Oracle Global ATP Server applications tables and the relationships between them, organized by building block. Use this section to quickly learn what tables each Oracle ASCP and Oracle Global ATP Server 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 ASCP and Oracle Global ATP Server application building blocks:

- Diagram 1: Planning Information
- Diagram 2: Sourcing Information

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.

Planning Information

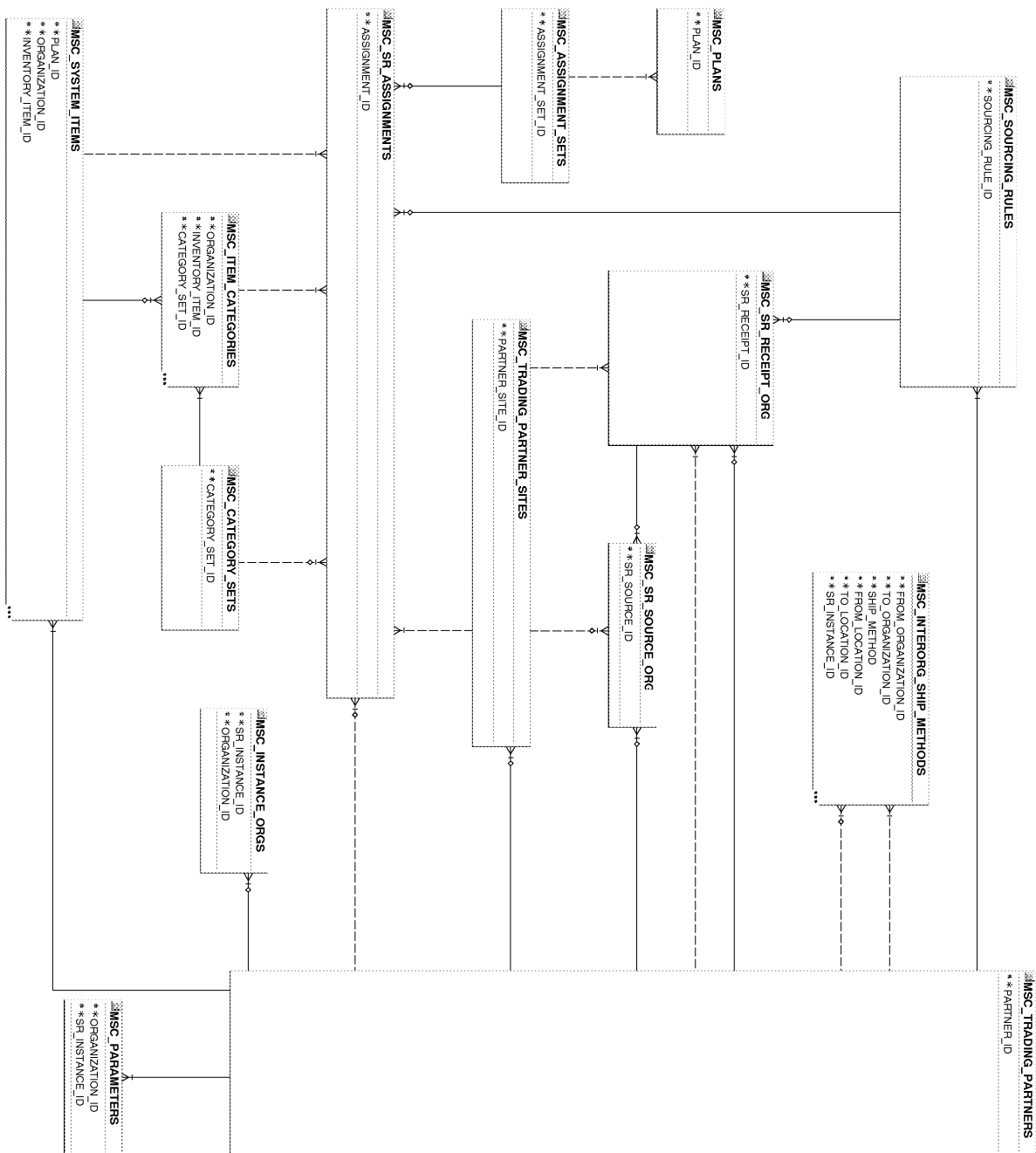
Diagram 2 shows the tables and relationships that store information pertaining to plans. These tables are used by the planning processes MPS, MRP, and DRP to generate material plans. The results of the material plan can be reviewed in the Planner Workbench.

Sourcing Information

Diagram 1 shows the tables and relationships that store sourcing information used in MPS, MRP, and DRP plans. These tables contain sourcing rules and bill of distribution information which are tied to an assignment set which is referenced by a plan.



Sourcing Information



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Public Table List

This section lists each public database table that Oracle Supply Chain Planning 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 Supply Chain Planning uses the following Public tables:

Table Name	Description
MRP_AD_BOMS	(See page 3 – 8)
MRP_AD_DEMAND	(See page 3 – 9)
MRP_AD_DEPT_RESS	(See page 3 – 10)
MRP_AD_DSCR_JOBS	(See page 3 – 11)
MRP_AD_FLOW_SCHDS	(See page 3 – 12)
MRP_AD_INV_COMPS	(See page 3 – 13)
MRP_AD_MTRX_TMP	(See page 3 – 14)
MRP_AD_OH_QTYS	(See page 3 – 15)
MRP_AD_OPERATION_COMPONENTS	(See page 3 – 16)
MRP_AD_OPR_RESS	(See page 3 – 17)
MRP_AD_OPR_RTNS	(See page 3 – 18)
MRP_AD_OPR_SEQS	(See page 3 – 19)
MRP_AD_ORDER_LINES_ALL	(See page 3 – 20)
MRP_AD_PROCESS_EFFECTIVITY	(See page 3 – 21)
MRP_AD_REPT_ITEM_DEMANDS	(See page 3 – 22)
MRP_AD_REPT_ITEM_SUPPLIES	(See page 3 – 23)
MRP_AD_REPT_SCHDS	(See page 3 – 24)
MRP_AD_RESOURCE_REQUIREMENTS	(See page 3 – 25)

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MRP_AD_RES_CHNGS	(See page 3 – 26)
MRP_AD_SCHD_DATES	(See page 3 – 27)
MRP_AD_SI_CAPA	(See page 3 – 28)
MRP_AD_SUPPLY	(See page 3 – 29)
MRP_AD_U_DEMAND	(See page 3 – 30)
MRP_AD_U_SUPPLY	(See page 3 – 31)
MRP_AD_WIP_COMP_DEMANDS	(See page 3 – 32)
MRP_AD_WIP_COMP_SUPPLIES	(See page 3 – 33)
MRP_AD_WLINES	(See page 3 – 34)
MRP_AD_WOPRS	(See page 3 – 35)
MRP_AD_WOPR_RESS	(See page 3 – 36)
MRP_AD_WREQ_OPRS	(See page 3 – 37)
MSC_AMONG_VALUES	User selected criteria for 10SC Planner Workbench (See page 3 – 38)
MSC_ANSWERS	Stores the Answers for Ask Oracle Questions (See page 3 – 39)
MSC_APPS_INSTANCES	(See page 3 – 40)
MSC_ASSIGNMENT_SETS	(See page 3 – 42)
MSC_ATP_RULES	(See page 3 – 44)
MSC_AVAILABLE_TO_PROMISE	Available to promise information for master scheduled parts (See page 3 – 47)
MSC_BILL_OF_RESOURCES	(See page 3 – 48)
MSC_BIS_BUSINESS_PLANS	(See page 3 – 50)
MSC_BIS_INV_DETAIL	(See page 3 – 51)
MSC_BIS_PERFORMANCE_MEASURES	(See page 3 – 52)
MSC_BIS_PERIODS	(See page 3 – 53)
MSC_BIS_RES_SUMMARY	(See page 3 – 55)
MSC_BIS_TARGETS	(See page 3 – 56)

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MSC_BIS_TARGET_LEVELS	(See page 3 – 58)
MSC_BOMS	(See page 3 – 60)
MSC_BOM_COMPONENTS	(See page 3 – 62)
MSC_BOR_REQUIREMENTS	(See page 3 – 65)
MSC_CALENDAR_DATES	(See page 3 – 67)
MSC_CALENDAR_SHIFTS	Workday calendar shifts (See page 3 – 69)
MSC_CAL_WEEK_START_DATES	(See page 3 – 71)
MSC_CAL_YEAR_START_DATES	Workday calendar yearly start dates (See page 3 – 72)
MSC_CAPACITY_PLANS	(See page 3 – 73)
MSC_CATEGORY_SETS	(See page 3 – 75)
MSC_CATEGORY_SET_ID_LID	(See page 3 – 77)
MSC_COMPONENT_SUBSTITUTES	(See page 3 – 78)
MSC_CRITERIA	Seeded criteria for Planner Workbench (See page 3 – 80)
MSC_DEMANDS	(See page 3 – 81)
MSC_DEMAND_CLASSES	(See page 3 – 85)
MSC_DEPARTMENT_RESOURCES	(See page 3 – 86)
MSC_DESIGNATORS	(See page 3 – 88)
MSC_EXCEPTION_DETAILS	(See page 3 – 90)
MSC_FILES	File names used by the planner (See page 3 – 92)
MSC_FORM_QUERY	(See page 3 – 93)
MSC_FULL_PEGGING	(See page 3 – 95)
MSC_INSTANCE_ORGS	(See page 3 – 97)
MSC_INTERORG_SHIP_METHODS	(See page 3 – 98)
MSC_ITEMS	(See page 3 – 100)
MSC_ITEM_CATEGORIES	(See page 3 – 101)
MSC_ITEM_EXCEPTIONS	(See page 3 – 103)
MSC_ITEM_ID_LID	(See page 3 – 105)

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MSC_ITEM_SOURCING	(See page 3 – 106)
MSC_ITEM_SUPPLIERS	(See page 3 – 108)
MSC_LOCATION_ASSOCIATIONS	(See page 3 – 110)
MSC_MATERIAL_PLANS	(See page 3 – 111)
MSC_NET_RESOURCE_AVAIL	(See page 3 – 113)
MSC_OPERATION_COMPONENTS	(See page 3 – 115)
MSC_OPERATION_RESOURCES	(See page 3 – 116)
MSC_OPERATION_RESOURCE_SEQS	(See page 3 – 118)
MSC_PARAMETERS	(See page 3 – 119)
MSC_PARTNER_CONTACTS	This table stores the partner contacts. (See page 3 – 121)
MSC_PERIOD_START_DATES	(See page 3 – 122)
MSC_PLANNERS	(See page 3 – 123)
MSC_PLANS	(See page 3 – 124)
MSC_PLAN_BUCKETS	(See page 3 – 130)
MSC_PLAN_ORGANIZATIONS	(See page 3 – 132)
MSC_PLAN_PARTITIONS	The table stores partition information for plans. (See page 3 – 134)
MSC_PLAN_REFRESHES	(See page 3 – 135)
MSC_PLAN_SCHEDULES	(See page 3 – 136)
MSC_PO_REQUISITIONS_INTERFACE	Requisition Import interface table (See page 3 – 137)
MSC_PO_RESCHEDULE_INTERFACE	Requisition reschedule interface table (See page 3 – 139)
MSC_PROCESS_EFFECTIVITY	(See page 3 – 140)
MSC_PROJECTS	(See page 3 – 142)
MSC_PROJECT_TASKS	(See page 3 – 144)
MSC_QUESTIONS_B	(See page 3 – 145)
MSC_QUESTIONS_TL	(See page 3 – 146)
MSC_REPETITIVE_PERIODS	Repetitive planning period start dates (See page 3 – 147)

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MSC_RESERVATIONS	Material reservations (See page 3 – 148)
MSC_RESOURCE_CHANGES	Resource capacity modifications (See page 3 – 150)
MSC_RESOURCE_GROUPS	(See page 3 – 152)
MSC_RESOURCE_REQUIREMENTS	(See page 3 – 153)
MSC_RESOURCE_SHIFTS	Resource shift information (See page 3 – 156)
MSC_ROUTINGS	(See page 3 – 157)
MSC_ROUTING_OPERATIONS	(See page 3 – 159)
MSC_SAFETY_STOCKS	Safety stock levels (See page 3 – 161)
MSC_SALES_ORDERS	This table stores sales order demand and reservations from source application instances. (See page 3 – 162)
MSC_SCHEDULING_RULES	(See page 3 – 164)
MSC_SELECTION_CRITERIA	(See page 3 – 165)
MSC_SEQUENCE_DEPENDENT_SETUPS	The table stores the sequence dependent setups and tears down. This is used by HLS to ensure a minimum delay between two operations using the same resource. (See page 3 – 166)
MSC_SHIFT_DATES	Workday calendar shift dates (See page 3 – 167)
MSC_SHIFT_EXCEPTIONS	Workday calendar shift exceptions (See page 3 – 169)
MSC_SHIFT_TIMES	Workday calendar shift times (See page 3 – 171)
MSC_SIMULATION_SETS	This table stores the different simulation sets. (See page 3 – 172)
MSC_SNAPSHOT_TASKS	Tasks to be performed by Snapshot Workers (See page 3 – 173)
MSC_SOURCING_HISTORY	Historical information related to sourcing. (See page 3 – 175)
MSC_SOURCING_RULES	This table stores sourcing rules and bills of distribution information. (See page 3 – 176)
MSC_SR_ASSIGNMENTS	This table stores the assignment of sourcing rules (or bills of distribution) to item, organization, category, or at the global level. (See page 3 – 178)

MSC_SR_RECEIPT_ORG	Receiving Organizations for Sourcing Rules or Bills of distribution (See page 3 – 180)
MSC_SR_SOURCE_ORG	Source organization for Sourcing Rules or Bills of distribution (See page 3 – 182)
MSC_ST_ASSIGNMENT_SETS	(See page 3 – 184)
MSC_ST_ATP_RULES	(See page 3 – 185)
MSC_ST_BILL_OF_RESOURCES	(See page 3 – 187)
MSC_ST_BIS_BUSINESS_PLANS	The staging table used by the collection program to validate and process data for table MSC_BIS_BUSINESS_PLANS. (See page 3 – 188)
MSC_ST_BIS_PERIODS	The staging table used by the collection program to validate and process data for table MSC_BIS_PERIODS. (See page 3 – 189)
MSC_ST_BIS_PPMC_MEASURES	The staging table used by the collection program to validate and process data for table MSC_BIS_PPMC_MEASURES. (See page 3 – 190)
MSC_ST_BIS_TARGETS	The staging table used by the collection program to validate and process data for table MSC_BIS_TARGETS. (See page 3 – 191)
MSC_ST_BIS_TARGET_LEVELS	The staging table used by the collection program to validate and process data for table MSC_BIS_TARGET_LEVELS (See page 3 – 192)
MSC_ST_BOMS	The staging table used by the collection program to validate and process data for table MSC_BOMS. (See page 3 – 193)
MSC_ST_BOM_COMPONENTS	The staging table used by the collection program to validate and process data for table MSC_BOM_COMPONENTS. (See page 3 – 194)
MSC_ST_BOR_REQUIREMENTS	The staging table used by the collection program to validate and process data for table MSC_BOR_REQUIREMENTS. (See page 3 – 196)
MSC_ST_CALENDAR_DATES	The staging table used by the collection program to validate and process data for table MSC_CALENDAR_DATES. (See page 3 – 197)

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MSC_ST_CALENDAR_SHIFTS	The staging table used by the collection program to validate and process data for table MSC_CALENDAR_SHIFTS. (See page 3 – 198)
MSC_ST_CAL_WEEK_START_DATES	The staging table used by the collection program to validate and process data for table MSC_CAL_WEEK_START_DATES. (See page 3 – 199)
MSC_ST_CAL_YEAR_START_DATES	The staging table used by the collection program to validate and process data for table MSC_YEAR_START_DATES. (See page 3 – 200)
MSC_ST_CATEGORY_SETS	The staging table used by the collection program to validate and process data for table MSC_CATEGORY_SETS. (See page 3 – 201)
MSC_ST_COMPONENT_SUBSTITUTES	The staging table used by the collection program to validate and process data for table MSC_COMPONENT_SUBSTITUTES. (See page 3 – 202)
MSC_ST_DEMANDS	The staging table used by the collection program to validate and process data for table MSC_DEMANDS. (See page 3 – 203)
MSC_ST_DEMAND_CLASSES	The staging table used by the collection program to validate and process data for demand classes. (See page 3 – 205)
MSC_ST_DEPARTMENT_RESOURCES	The staging table used by the collection program to validate and process data for table MSC_DEPARTMENT_RESOURCES. (See page 3 – 206)
MSC_ST_DESIGNATORS	The staging table used by the collection program to validate and process data for table MSC_DESIGNATORS. (See page 3 – 208)
MSC_ST_INTERORG_SHIP_METHODS	The staging table used by the collection program to validate and process data for table MSC_INTERORG_SHIP_METHODS. (See page 3 – 209)
MSC_ST_ITEM_CATEGORIES	The staging table used by the collection program to validate and process data for table MSC_ITEM_CATEGORIES. (See page 3 – 210)
MSC_ST_ITEM_SUPPLIERS	The staging table used by the collection program to validate and process data for table MSC_ITEM_SUPPLIERS. (See page 3 – 211)

MSC_ST_LOCATION_ASSOCIATIONS	The staging table used by the collection program to validate and process data for table MSC_LOCATION_ASSOCIATIONS. (See page 3 – 212)
MSC_ST_NET_RESOURCE_AVAIL	The staging table used by the collection program to validate and process data for table MSC_NET_RESOURCE_AVAIL. (See page 3 – 213)
MSC_ST_OPERATION_COMPONENTS	The staging table used by the collection program to validate and process data for table MSC_OPERATION_COMPONENTS. (See page 3 – 214)
MSC_ST_OPERATION_RESOURCES	The staging table used by the collection program to validate and process data for table MSC_OPERATION_RESOURCES. (See page 3 – 215)
MSC_ST_OPERATION_RESOURCE_SEQS	The staging table used by the collection program to validate and process data for table MSC_OPERATION_RESOURCE_SEQS. (See page 3 – 216)
MSC_ST_PARAMETERS	The staging table used by the collection program to validate and process data for table MSC_PARAMETERS. (See page 3 – 217)
MSC_ST_PARTNER_CONTACTS	The staging table used by the collection program to validate and process data for table MSC_PARTNER_CONTACTS. (See page 3 – 218)
MSC_ST_PERIOD_START_DATES	The staging table used by the collection program to validate and process data for table MSC_PERIOD_START_DATES. (See page 3 – 219)
MSC_ST_PLANNERS	The staging table used by the collection program to validate and process data for table MSC_PLANNERS. (See page 3 – 220)
MSC_ST_PROCESS_EFFECTIVITY	The staging table used by the collection program to validate and process data for table MSC_PROCESS_EFFECTIVITY. (See page 3 – 221)
MSC_ST_PROJECTS	The staging table used by the collection program to validate and process data for table MSC_PROJECTS. (See page 3 – 222)

MSC_ST_PROJECT_TASKS	The staging table used by the collection program to validate and process data for table MSC_PROJECT_TASKS. (See page 3 – 223)
MSC_ST_RESERVATIONS	The staging table used by the collection program to validate and process data for table MSC_RESERVATIONS. (See page 3 – 224)
MSC_ST_RESOURCE_CHANGES	The staging table used by the collection program to validate and process data for table MSC_RESOURCE_CHANGES. (See page 3 – 225)
MSC_ST_RESOURCE_GROUPS	The staging table used by the collection program to validate and process data for table MSC_ST_RESOURCE_CHANGES. (See page 3 – 226)
MSC_ST_RESOURCE_REQUIREMENTS	The staging table used by the collection program to validate and process data for table MSC_RESOURCE_REQUIREMENTS. (See page 3 – 227)
MSC_ST_RESOURCE_SHIFTS	The staging table used by the collection program to validate and process data for table MSC_RESOURCE_SHIFTS. (See page 3 – 228)
MSC_ST_ROUTINGS	The staging table used by the collection program to validate and process data for table MSC_ROUTINGS. (See page 3 – 229)
MSC_ST_ROUTING_OPERATIONS	The staging table used by the collection program to validate and process data for table MSC_ROUTING_OPERATIONS. (See page 3 – 230)
MSC_ST_SAFETY_STOCKS	The staging table used by the collection program to validate and process data for table MSC_SAFETY_STOCKS. (See page 3 – 232)
MSC_ST_SALES_ORDERS	The staging table used by the collection program to validate and process data for table MSC_SALES_ORDERS. (See page 3 – 233)
MSC_ST_SHIFT_DATES	The staging table used by the collection program to validate and process data for table MSC_SHIFT_DATES. (See page 3 – 235)

MSC_ST_SHIFT_EXCEPTIONS	The staging table used by the collection program to validate and process data for table MSC_SHIFT_EXCEPTIONS. (See page 3 – 236)
MSC_ST_SHIFT_TIMES	The staging table used by the collection program to validate and process data for table MSC_SHIFT_TIMES. (See page 3 – 237)
MSC_ST_SIMULATION_SETS	The staging table used by the collection program to validate and process data for table MSC_SIMULATION_SETS. (See page 3 – 238)
MSC_ST_SOURCING_HISTORY	Historical information related to Sourcing (See page 3 – 239)
MSC_ST_SOURCING_RULES	The staging table used by the collection program to validate and process data for table MSC_SOURCING_RULES. (See page 3 – 240)
MSC_ST_SR_ASSIGNMENTS	The staging table used by the collection program to validate and process data for table MSC_SR_ASSIGNMENTS. (See page 3 – 241)
MSC_ST_SR_RECEIPT_ORG	The staging table used by the collection program to validate and process data for table MSC_SR_RECEIPT_ORG. (See page 3 – 242)
MSC_ST_SR_SOURCE_ORG	The staging table used by the collection program to validate and process data for table MSC_SR_SOURCE_ORG. (See page 3 – 243)
MSC_ST_SUB_INVENTORIES	The staging table used by the collection program to validate and process data for table MSC_SUB_INVENTORIES. (See page 3 – 244)
MSC_ST_SUPPLIER_CAPACITIES	The staging table used by the collection program to validate and process data for table MSC_SUPPLIER_CAPACITIES. (See page 3 – 245)
MSC_ST_SUPPLIER_FLEX_FENCES	The staging table used by the collection program to validate and process data for table MSC_SUPPLIER_FLEX_FENCES. (See page 3 – 246)
MSC_ST_SUPPLIES	The staging table used by the collection program to validate and process data for table MSC_SUPPLIES. (See page 3 – 247)

MSC_ST_SYSTEM_ITEMS	The staging table used by the collection program to valid and process data for table MSC_SYSTEM_ITEMS. (See page 3 – 250)
MSC_ST_TRADING_PARTNERS	The staging table used by the collection program to validate and process data for table MSC_TRADING_PARTNERS. (See page 3 – 253)
MSC_ST_TRADING_PARTNER_SITES	The staging table used by the collection program to validate and process data for table MSC_TRADING_PARTNER_SITES. (See page 3 – 255)
MSC_ST_UNITS_OF_MEASURE	The staging table used by the collection program to validate and process data for table MSC_UNITS_OF_MEASURE. (See page 3 – 256)
MSC_ST_UNIT_NUMBERS	The staging table used by the collection program to validate and process data for table MSC_UNIT_NUMBERS. (See page 3 – 257)
MSC_ST_UOM_CLASS_CONVERSIONS	The staging table used by the collection program to validate and process data for table MSC_UOM_CLASS_CONVERSIONS. (See page 3 – 258)
MSC_ST_UOM_CONVERSIONS	The staging table used by the collection program to validate and process data for table MSC_UOM_CONVERSIONS. (See page 3 – 259)
MSC_SUB_INVENTORIES	(See page 3 – 260)
MSC_SUPPLIER_CAPACITIES	(See page 3 – 262)
MSC_SUPPLIER_FLEX_FENCES	(See page 3 – 264)
MSC_SUPPLIER_PLANS	(See page 3 – 266)
MSC_SUPPLIES	(See page 3 – 268)
MSC_SYSTEM_ITEMS	(See page 3 – 274)
MSC_TP_ID_LID	This table is used by the collection program to maintain the correspondence between the source instances identifiers and the planning identifiers for trading partners. (See page 3 – 279)

MSC_TP_SITE_ID_LID	This table is used by the collection program to maintain the correspondence between the source instances identifiers and the planning identifiers for trading partner sites. (See page 2 – 22)
MSC_TRADING_PARTNERS	(See page 3 – 281)
MSC_TRADING_PARTNER_SITES	(See page 3 – 283)
MSC_UNITS_OF_MEASURE	Unit of measure definitions (See page 3 – 285)
MSC_UNIT_NUMBERS	(See page 3 – 286)
MSC_UOM_CLASS_CONVERSIONS	Conversions between base units of two different classes (See page 3 – 287)
MSC_UOM_CONVERSIONS	(See page 3 – 289)
MSC_WIP_JOB_DTLS_INTERFACE	Requests to add/delete/ modify material/resource requirements for jobs and schedules (See page 3 – 291)
MSC_WIP_JOB_SCHEDULE_INTERFACE	Requests to create or modify jobs and schedules (See page 3 – 293)
MSC_WORKBENCH_DISPLAY_OPTIONS	Planner Workbench display options (See page 3 – 295)

Public View List

This section lists each public database view that Oracle ASCP and Oracle Global ATP Server 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 ASCP and Oracle Global ATP Server uses the following public views:

View Name	Description
MSC_ACTIONS_TREE_V	(See page NO TAG)
MSC_ACTION_ORDERS_TREE_V	(See page NO TAG)
MSC_ITEM_EXCEPTION_V	(See page NO TAG)
MSC_ITEM_SOURCING_LEVELS_V	(See page NO TAG)
MSC_VERTICAL_PLAN_V	(See page NO TAG)
OLD_ITEM_SOURCING_LEVELS_V	(See page NO TAG)
OLD_SC_BILL_SF_V	(See page NO TAG)
OLD_SC_BILL_WU_V	(See page NO TAG)

Forms and Table View List

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



Warning: We do not recommend you query or alter data using these views. Furthermore, these views may change dramatically in subsequent minor or major releases of Oracle ASCP and Oracle Global ATP Server.

Oracle ASCP and Oracle Global ATP Server uses the following Forms and Table views:

- MSC_ACTION_SUMMARY_V
- MSC_ALTERNATE_RESOURCES_V
- MSC_ANSWERS_V
- MSC_AVAIL_RESOURCE_DETAIL_V
- MSC_AVAIL_RESOURCE_SUMMARY_V
- MSC_BILL_OF_RESOURCES_V
- MSC_CATEGORIES_TREE_V
- MSC_COMPONENTS_SC_V
- MSC_COMPONENTS_TREE_V
- MSC_CUST_SUP_ORG_V
- MSC_DEMANDS_MV_V
- MSC_EXCEPTION_DETAILS_V
- MSC_FLP_DEMAND_SUPPLY_V
- MSC_FLP_DEMAND_SUPPLY_V2
- MSC_FLP_END_DEMAND2_V
- MSC_FLP_END_DEMAND_V
- MSC_FLP_ONHAND_V
- MSC_FLP_SUPPLY_DEMAND_V
- MSC_FLP_SUPPLY_DEMAND_V2
- MSC_FLP_SUPPLY_V
- MSC_INSTANCE_ORGS_V

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- MSC_ITEMS_TREE_V
- MSC_ITEM_SOURCING_V
- MSC_LATE_ORDERS_MV_V
- MSC_LINE_ITEMS_LOV_V
- MSC_ORDERS_V
- MSC_ORGS_TREE_V
- MSC_PARAMETERS_V
- MSC_PLANNED_RESOURCES_V
- MSC_PLANS_TREE_V
- MSC_PLAN_ORGS_V
- MSC_PLAN_PARAMETERS_V
- MSC_PLAN_SCHED_V
- MSC_PROCESS_EFFECTIVITY_V
- MSC_PRODUCT_FAMILIES_TREE_V
- MSC_PROJECTS_TREE_V
- MSC_PROJECT_ITEMS_TREE_V
- MSC_QUESTIONS_VL
- MSC_RESOURCES_TREE_V
- MSC_RESOURCE_ITEMS_TREE_V
- MSC_ROUTING_OPERATIONS_V
- MSC_SC_BILL_BOM_V
- MSC_SC_BILL_MAKE_AT_V
- MSC_SC_BILL_SF_V
- MSC_SC_BILL_V
- MSC_SC_BILL_WU_V
- MSC_SEARCH_ACTIONS_V
- MSC_SEARCH_ITEMS_V
- MSC_SEARCH_ORGS_V
- MSC_SEARCH_PROJECTS_V
- MSC_SEARCH_RESOURCES_V

- MSC_SEARCH_SUPPLIERS_V
- MSC_SOURCES_V
- MSC_SR_ASSIGNMENTS_V
- MSC_SR_RECEIPT_ORG_V
- MSC_SR_SOURCE_ORG_V
- MSC_SR_VIEW_CON_V
- MSC_SR_VIEW_EXP_V
- MSC_SR_VIEW_MAKE_AT_V
- MSC_SR_VIEW_REC_V
- MSC_SR_VIEW_V
- MSC_SUBSTITUTE_COMPONENTS_V
- MSC_SUB_INVENTORIES_V
- MSC_SUPPLIERS_LOV_V
- MSC_SUPPLIERS_TREE_V
- MSC_SUPPLIER_CAPACITY_V
- MSC_SUPPLIER_FLEX_FENCES_V
- MSC_SYSTEM_ITEMS_SC_V
- MSC_TREE_SELECTION_V

Internal View List

This section lists each private, internal view that Oracle ASCP and Oracle Global ATP Server uses.



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

Oracle ASCP and Oracle Global ATP Server uses the following internal views:

- MSC_APPS_INSTANCES_V
- MSC_BOD_SOURCING_RULES_V
- MSC_BOD_TASK_SR_LEVELS_V
- MSC_ITEM_LOWEST_SR_LEVEL_V
- MSC_ITEM_SR_LEVELS_V
- MSC_ITEM_TASK_SR_LEVELS_V
- MSC_PLAN_ORGANIZATIONS_V
- MSC_PLAN_SCHEDULES_V
- MSC_RESOURCE_REQUIREMENTS_V
- MSC_SCATP_ITEM_SR_LEVELS_V
- MSC_SCATP_SOURCES_V
- MSC_SCH_RULE_CRITERIA_V
- MSC_SCH_RULE_NAMES_V
- MSC_UOM_CONVERSIONS_VIEW

Module List

This section lists each form, report and concurrent program comprising Oracle Supply Chain Planning.

Forms

MSCCHORG	Change Instance/Organization
MSCFDSRA	Sourcing Rule/Bill of Distribution assignments
MSCFINST	Define application instances and organizations
MSCFNCSW	Planner Workbench
MSCFPCMN	Define MPS/MRP/DRP Names
MSCFPMPR	Define Plan Options
MSCFUDAY	View Work Dates
MSCFUDPP	Define Plan Parameters
MSCFVSAH	View Sourcing Assignment Hierarchy
MSCFVSCB	View Supply Chain Bill
MSCSCHRS	Define Priority Rules

Concurrent Programs

MSCCPP	Launch Copy Plan
MSCMON	Monitor snapshot and planner processes
MSCNEW	Generate material and capacity plans
MSCNSP	Snapshot data for planning
MSCPDW	Delete Planner tables
MSCPRG	Purge plan
MSCSDW	Delete data from last planning run
MSCSLD	Snapshot Loader Worker

CHAPTER

3

Detailed Design

This chapter presents a detailed design for implementing Oracle Advanced Planning and Scheduling. 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 Advanced Planning and Scheduling that enables you to:

- Convert existing application data
- Integrate your Oracle ASCP and Oracle Global ATP Server 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 ASCP and Oracle Global ATP Server 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 ASCP and Oracle Global ATP Server 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 Advanced Planning and Scheduling 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 your Oracle ASCP and Oracle Global ATP Server application 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,

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or to some other lookup table, we list the QuickCodes type (lookup type) to which the QuickCodes value must belong and a complete list of QuickCodes values and meanings. Some QuickCodes can be defined by you in the application. These values are designated as User-defined.

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 your Oracle ASCP and Oracle Global ATP Server application 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 your Oracle ASCP and Oracle Global ATP Server application 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	Your Oracle ASCP and Oracle Global ATP Server application does not use this column, although the column might be used in a future release.
No longer used	Your Oracle ASCP and Oracle Global ATP Server application no longer uses this column. AutoInstall installs this column. Subsequent versions of your Oracle ASCP and Oracle Global ATP Server application might not include this column.
No longer installed	Your Oracle ASCP and Oracle Global ATP Server application 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> your Oracle ASCP and Oracle Global ATP Server application, you do not have this column.

Standard Who Columns

Most Oracle ASCP and Oracle Global ATP Server applications tables contain standard columns to support \ **Row Who**. When your program or SQL*Plus command selects a row from a table, use these columns to determine who last updated the row. If your program or SQL*Plus command updates or inserts a row in an interface table, you must populate each of the five standard Who columns:

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

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

Additional Who Columns for Concurrent Programs

Some Oracle ASCP and Oracle Global ATP Server applications 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_CONCUR-

	RENT_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 ASCP and Oracle Global ATP Server applications 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 ASCP and Oracle Global ATP Server.

Sequences

Your Oracle ASCP and Oracle Global ATP Server application 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 ASCP and Oracle Global ATP Server applications 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.

MRP_AD_BOMS

MRP_AD_BOMS stores information about the deleted bills of material.

Column Descriptions

Name	Null?	Type	Description
BILL_SEQUENCE_ID	NULL	NUMBER	Bill of material identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_BOMS_N1	NOT UNIQUE	1	RN

MRP_AD_DEMAND

MRP_AD_DEMAND stores information about the deleted inventory demand and reservations.

Column Descriptions

Name	Null?	Type	Description
DEMAND_ID	NULL	NUMBER	Demand identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_DEMAND_N1	NOT UNIQUE	1	RN

MRP_AD_DEPT_RESS

MRP_AD_DEPT_RESS stores information about the deleted department resources.

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID	NULL	NUMBER	Resource identifier
DEPARTMENT_ID	NULL	NUMBER	Department identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_DEPT_RESS_N1	NOT UNIQUE	1	RN

MRP_AD_DSCR_JOBS

MRP_AD_DSCR_JOBS stores information about the deleted WIP jobs.

Column Descriptions

Name	Null?	Type	Description
WJS_NET_QTY_FLAG	NULL	NUMBER	Flag indicating if net quantity is changed from positive to negative
WJS_MPS_NET_QTY_FLAG	NULL	NUMBER	Flag indicating if MPS net quantity is changed from positive to negative
JOB_TYPE	NULL	NUMBER	Type of WIP job
WIP_ENTITY_ID	NULL	NUMBER	WIP job identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_DSCR_JOBS_N1	NOT UNIQUE	1	RN

MRP_AD_FLOW_SCHDS

MRP_AD_FLOW_SCHDS stores information about the deleted WIP flow schedules.

Column Descriptions

Name	Null?	Type	Description
WJS_NET_QTY_FLAG	NULL	NUMBER	Flag indicating if net quantity is changed from positive to negative
WIP_ENTITY_ID	NULL	NUMBER	WIP flow 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	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
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_FLOW_SCHDS_N1	NOT UNIQUE	1	RN

MRP_AD_INV_COMPS

MRP_AD_INV_COMPS stores information about the deleted bills of material components.

Column Descriptions

Name	Null?	Type	Description
COMPONENT_SEQUENCE_ID	NULL	NUMBER	
BILL_SEQUENCE_ID	NULL	NUMBER	Bill of material identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_INV_COMPS_N1	NOT UNIQUE	1	RN

MRP_AD_MTRX_TMP

MRP_AD_MTRX_TMP stores information about the deleted material transactions.

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_SOURCE_TYPE_ID	NULL	NUMBER	Transaction source type identifier
TRANSACTION_ACTION_ID	NULL	NUMBER	Transaction action identifier
TRANSACTION_SOURCE_ID	NULL	NUMBER	Transaction source identifier
RCV_TRANSACTION_ID	NULL	NUMBER	Receiving transaction identifier
POSTING_FLAG	NULL	VARCHAR2(1)	Posting flag
TASK_ID	NULL	NUMBER	Task identifier
PROJECT_ID	NULL	NUMBER	Project identifier
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory code
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
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
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_MTRX_TMP_N1	NOT UNIQUE	1	RN

MRP_AD_OH_QTYS

MRP_AD_OH_QTYS stores information about the deleted quantity on hand records.

Column Descriptions

Name	Null?	Type	Description
LOCATOR_ID	NULL	NUMBER	Locator identifier
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory code
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
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
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_OH_QTYS_N1	NOT UNIQUE	1	RN

MRP_AD_OPERATION_COMPONENTS

MRP_AD_OPERATION_COMPONENTS stores information about the deleted operation components.

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQUENCE_ID	NULL	NUMBER	Routing operation identifier
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Component item identifier
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing identifier
BILL_SEQUENCE_ID	NULL	NUMBER	Bill of material identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
ASSEMBLY_ITEM_ID	NULL	NUMBER	Inventory item identifier of manufactured assembly
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_OPERATION_COMPONENTS_N1	NOT UNIQUE	1	RN

MRP_AD_OPR_RESS

MRP_AD_OPR_RESS stores information about the deleted operation resources.

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID	NULL	NUMBER	Resource identifier
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence number
OPERATION_SEQUENCE_ID	NULL	NUMBER	Routing operation identifier
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_OPR_RESS_N1	NOT UNIQUE	1	RN

MRP_AD_OPR_RTNS

MRP_AD_OPR_RTNS stores information about the deleted routings.

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQUENCE_ID	NULL	NUMBER	Routing operation identifier
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_OPR_RTNS_N1	NOT UNIQUE	1	RN

MRP_AD_OPR_SEQS

MRP_AD_OPR_SEQS stores information about the deleted routing operations.

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQUENCE_ID	NULL	NUMBER	Routing operation identifier
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_OPR_SEQS_N1	NOT UNIQUE	1	RN

MRP_AD_ORDER_LINES_ALL

MRP_AD_ORDER_LINES_ALL stores information about the deleted sales order lines.

Column Descriptions

Name	Null?	Type	Description
LINE_ID	NULL	NUMBER	Order line identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_ORDER_LINES_ALL_N1	NOT UNIQUE	1	RN

MRP_AD_PROCESS_EFFECTIVITY

MRP_AD_PROCESS_EFFECTIVITY stores information about the deleted process effectivity.

Column Descriptions

Name	Null?	Type	Description
LINE_ID	NULL	NUMBER	WIP line identifier
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing identifier
BILL_SEQUENCE_ID	NULL	NUMBER	Bill of material identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
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
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_PROCESS_EFFECTIVITY_N1	NOT UNIQUE	1	RN

MRP_AD_REPT_ITEM_DEMANDS

MRP_AD_REPT_ITEM_DEMANDS stores information about the deleted WIP repetitive item demands.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	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	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
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_REPT_ITEM_DEMANDS_N1	NOT UNIQUE	1	RN

MRP_AD_REPT_ITEM_SUPPLIES

MRP_AD_REPT_ITEM_SUPPLIES stores information about the deleted WIP repetitive item supplies.

Column Descriptions

Name	Null?	Type	Description
REPETITIVE_SCHEDULE_ID	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	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
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_REPT_ITEM_SUPPLIES_N1	NOT UNIQUE	1	RN

MRP_AD_REPT_SCHDS

MRP_AD_REPT_SCHDS stores information about the deleted WIP repetitive schedules.

Column Descriptions

Name	Null?	Type	Description
REPETITIVE_SCHEDULE_ID	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	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
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_REPT_SCHDS_N1	NOT UNIQUE	1	RN

MRP_AD_RESOURCE_REQUIREMENTS

MRP_AD_RESOURCE_REQUIREMENTS stores information about the deleted resource requirements used in WIP jobs.

Column Descriptions

Name	Null?	Type	Description
WJS_NET_QTY_FLAG	NULL	NUMBER	Flag indicating if net quantity is changed from positive to negative
WJS_MPS_NET_QTY_FLAG	NULL	NUMBER	Flag indicating if MPS net quantity is changed from positive to negative
JOB_TYPE	NULL	NUMBER	Type of WIP job
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_RES_REQUIREMENTS_N1	NOT UNIQUE	1	RN

MRP_AD_RES_CHNGS

MRP_AD_RES_CHNGS stores information about the deleted resource changes.

Column Descriptions

Name	Null?	Type	Description
SIMULATION_SET	NULL	VARCHAR2(10)	Simulation set identifier
TO_TIME	NULL	NUMBER	Capacity exception to time
FROM_TIME	NULL	NUMBER	Capacity exception from time
TO_DATE	NULL	DATE	Capacity exception to date
FROM_DATE	NULL	DATE	Capacity exception from date
ACTION_TYPE	NULL	NUMBER	Action type
SHIFT_NUM	NULL	NUMBER	Shift number
RESOURCE_ID	NULL	NUMBER	Resource identifier
DEPARTMENT_ID	NULL	NUMBER	Department identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_RES_CHNGS_N1	NOT UNIQUE	1	RN

MRP_AD_SCHD_DATES

MRP_AD_SCHD_DATES stores information about the deleted master demand and master production schedules.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
SUPPLY_DEMAND_TYPE	NULL	NUMBER	Supply demand type
SCHEDULE_ORIGINATION_TYPE	NULL	NUMBER	Schedule origination type
MPS_TRANSACTION_ID	NULL	NUMBER	MPS transaction identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	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
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_SCHD_DATES_N1	NOT UNIQUE	1	RN

MRP_AD_SI_CAPA

MRP_AD_SI_CAPA stores information about the deleted supplier capacities.

Column Descriptions

Name	Null?	Type	Description
ASL_ID	NULL	NUMBER	Identifier for the Approved Supplier List entry with which the supplier capacity is associated
USING_ORGANIZATION_ID	NULL	NUMBER	Ship-to organization that is using the supplier capacity information
FROM_DATE	NULL	DATE	Date the supplier capacity becomes effective
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
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
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_SI_CAPA_N1	NOT UNIQUE	1	RN

MRP_AD_SUPPLY

MRP_AD_SUPPLY stores information about the deleted incoming supplies for an organization.

Column Descriptions

Name	Null?	Type	Description
SUPPLY_TYPE_CODE	NULL	VARCHAR2(25)	Supply type code
SUPPLY_SOURCE_ID	NULL	NUMBER	Supply source identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
TRANSACTION_ID	NULL	NUMBER	Inventory supply transaction identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	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
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_SUPPLY_N1	NOT UNIQUE	1	RN

MRP_AD_U_DEMAND

MRP_AD_U_DEMAND stores information about the deleted user defined demands.

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID	NULL	NUMBER	User demand transaction identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	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
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_U_DEMAND_N1	NOT UNIQUE	1	RN

MRP_AD_U_SUPPLY

MRP_AD_U_SUPPLY stores information about the deleted user defined supplies.

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID	NULL	NUMBER	User supply transaction identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	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
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_U_SUPPLY_N1	NOT UNIQUE	1	RN

MRP_AD_WIP_COMP_DEMANDS

MRP_AD_WIP_COMP_DEMANDS stores information about the deleted WIP component demands.

Column Descriptions

Name	Null?	Type	Description
JOB_TYPE	NULL	NUMBER	Type of WIP job
WJS_NET_QTY_FLAG	NULL	NUMBER	Flag indicating if net quantity is changed from positive to negative
WJS_MPS_NET_QTY_FLAG	NULL	NUMBER	Flag indicating if MPS net quantity is changed from positive to negative
MRP_NET_FLAG	NULL	NUMBER	Flag indicating if MRP net flag is changed from 1 to 2
ST_MPS_NET_FLAG	NULL	NUMBER	Flag indicating if net quantity is changed from positive to negative
NST_NMPS_FLAG	NULL	NUMBER	Flag indicating if net required quantity is changed from positive to negative, used for non-standard job
NST_MPS_FLAG	NULL	NUMBER	Flag indicating if net MPS required quantity is changed from positive to negative, used for non-standard job
ST_NMPS_FLAG	NULL	NUMBER	Flag indicating if net required quantity is changed from positive to negative, used for standard job
ST_MPS_FLAG	NULL	NUMBER	Flag indicating if net MPS required quantity is changed from positive to negative, used for standard job
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_WIP_COMP_DEMANDS_N1	NOT UNIQUE	1	RN

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MRP_AD_WIP_COMP_SUPPLIES

MRP_AD_WIP_COMP_SUPPLIES stores information about the deleted WIP component supplies.

Column Descriptions

Name	Null?	Type	Description
JOB_TYPE	NULL	NUMBER	Type of WIP job
WJS_NET_QTY_FLAG	NULL	NUMBER	Flag indicating if net quantity is changed from positive to negative
WJS_MPS_NET_QTY_FLAG	NULL	NUMBER	Flag indicating if MPS net quantity is changed from positive to negative
MRP_NET_FLAG	NULL	NUMBER	Flag indicating if MRP net flag is changed from 1 to 2
ST_MPS_NET_FLAG	NULL	NUMBER	Flag indicating if net quantity is changed from positive to negative
NST_NMPS_FLAG	NULL	NUMBER	Flag indicating if net required quantity is changed from positive to negative, used for non-standard job
NST_MPS_FLAG	NULL	NUMBER	Flag indicating if net MPS required quantity is changed from positive to negative, used for non-standard job
ST_NMPS_FLAG	NULL	NUMBER	Flag indicating if net required quantity is changed from positive to negative, used for standard job
ST_MPS_FLAG	NULL	NUMBER	Flag indicating if net MPS required quantity is changed from positive to negative, used for standard job
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_WIP_COMP_SUPPLIES_N1	NOT UNIQUE	1	RN

MRP_AD_WLINES

MRP_AD_WLINES stores information about the deleted WIP lines.

Column Descriptions

Name	Null?	Type	Description
LINE_ID	NULL	NUMBER	WIP line identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_WLINES_N1	NOT UNIQUE	1	RN

MRP_AD_WOPRS

MRP_AD_WOPRS stores information about the deleted WIP operations.

Column Descriptions

Name	Null?	Type	Description
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_WOPRS_N1	NOT UNIQUE	1	RN

MRP_AD_WOPR_RESS

MRP_AD_WOPR_RESS stores information about the deleted resource requirements associated with job and repetitive schedule operations.

Column Descriptions

Name	Null?	Type	Description
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence number
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_WOPR_RESS_N1	NOT UNIQUE	1	RN

MRP_AD_WREQ_OPRS

MRP_AD_WREQ_OPRS stores information about the deleted material requirements of jobs and schedules.

Column Descriptions

Name	Null?	Type	Description
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
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
RN	NULL	NUMBER	Refresh number populated by the refresh snapshot process

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_AD_WREQ_OPRS_N1	NOT UNIQUE	1	RN

MSC_AMONG_VALUES

MSC_AMONG_VALUES stores the values entered by the user in the Planner Workbench Find Windows when choosing 'among' condition. This table is used with MSC_SELECTION_CRITERIA by the Planner Workbench to filter the data seen in the Items, Supply, Demand, Supply/Demand and Exception Summary window. FOLDER_ID identifies the folder that is tied to the criteria. FIELD_NAME and SEQUENCE identify the field against which the criteria is specified by the user. OR_VALUES and HIDDEN_VALUES store the criteria values.

Column Descriptions

Name	Null?	Type	Description
FOLDER_ID	NOT NULL	NUMBER	Folder identifier
SEQUENCE	NOT NULL	NUMBER	Criteria sequence
FIELD_NAME	NOT NULL	VARCHAR2(30)	Field name
OR_VALUES	NULL	VARCHAR2(250)	selected values from 'IN' function
HIDDEN_VALUES	NULL	VARCHAR2(250)	selected values from 'IN' function
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_AMONG_VALUES_N1	NOT UNIQUE	1	FOLDER_ID

MSC_ANSWERS

This table stores the responses to Ask Oracle questions.

Column Descriptions

Name	Null?	Type	Description
ANSWER_ID	NOT NULL	NUMBER	Unique identifier for the row
QUESTION_ID	NULL	NUMBER	Unique identifier associated with the question
SEQ_NUM	NULL	NUMBER	Answer sequence number
SESSION_ID	NULL	NUMBER	Session unique identifier
ANSWER_TEXT	NULL	VARCHAR2(2000)	Answer 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

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_ANSWERS_N1	NOT UNIQUE	1	ANSWER_ID
		2	SEQ_NUM
MSC_ANSWERS_N2	NOT UNIQUE	1	SESSION_ID
		2	ANSWER_ID
		4	SEQ_NUM

Sequences

Sequence	Derived Column
MSC_ANSWERS_S	ANSWER_ID

MSC_APPS_INSTANCES

This tables stores the information of each connected Application instance.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
APPS_VER	MSC_APPS_VERSION	MFG_LOOKUPS
	1	Application version 10.7
	2	Application version 11
	3	Application version 11i

Column Descriptions

Name	Null?	Type	Description
INSTANCE_CODE	NOT NULL	VARCHAR2(3)	Unique code assigned to each application instance
APPS_VER	NOT NULL	NUMBER	Application's version number
INSTANCE_TYPE	NOT NULL	NUMBER	Specifies instance type (1 = disc apps, 2=OPM, 3= other)
DBS_VER	NOT NULL	NUMBER	Database version number
A2M_DBLINK	NULL	VARCHAR2(128)	Application to MSC's database link
M2A_DBLINK	NULL	VARCHAR2(128)	MSC to Application's database link
ENABLE_FLAG	NOT NULL	NUMBER	Y/N Flag to indicate whether the site is currently active or inactive
LRID	NULL	NUMBER	Last refresh ID
LRTYPE	NULL	VARCHAR2(1)	Last refresh type: C = for complete refresh, I = for incremental
APPS_LRN	NOT NULL	NUMBER	Application instance's last refresh number
INSTANCE_ID	NOT NULL	NUMBER	Applications' Instance Identifier
LCID	NULL	NUMBER	Last executed collection program number
ST_STATUS	NOT NULL	NUMBER	The status of instance data in staging table
CLEANSSED_FLAG	NOT NULL	NUMBER	The data cleansing flag of the instance data
GMT_DIFFERENCE	NOT NULL	NUMBER	The time difference to the GMT
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment

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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
CURRENCY	NOT NULL	VARCHAR2(3)	Currency code
ASSIGNMENT_SET_ID	NULL	NUMBER	Assignment Set Id

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_APPS_INSTANCES_U1	UNIQUE	5	INSTANCE_ID

Sequences

Sequence	Derived Column
MSC_APPS_INSTANCE_S2	LRID
MSC_APPS_INSTANCES_S	INSTANCE_ID

MSC_ASSIGNMENT_SETS

This table stores the assignment of sourcing rules (or bills of distribution) to the item, organization, category, or global level. This table stores data which are created at planning server and source applications.

Column Descriptions

Name	Null?	Type	Description
ASSIGNMENT_SET_ID (PK)	NOT NULL	NUMBER	Assignment set identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application identifier
ASSIGNMENT_SET_NAME	NOT NULL	VARCHAR2(34)	Assignment set name
DESCRIPTION	NULL	VARCHAR2(80)	Description
SR_ASSIGNMENT_SET_ID	NOT NULL	NUMBER	Assignment set identifier from source application instance
DELETED_FLAG	NULL	NUMBER	Flag to indicate whether the row is no longer valid. SYS_YES means the row will be deleted
REFRESH_NUMBER	NULL	NUMBER	Refresh number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
COLLECTED_FLAG	NULL	NUMBER	Flag to indicate whether the row is collected from application instance.

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_ASSIGNMENTS_SETS_U3	NOT UNIQUE	4	SR_INSTANCE_ID
		5	SR_ASSIGNMENT_SET_ID
MSC_ASSIGNMENT_SETS_U1	UNIQUE	5	ASSIGNMENT_SET_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MSC_ASSIGNMENT_SETS_U2	UNIQUE	5	ASSIGNMENT_SET_NAME

Sequences

Sequence	Derived Column
MSC_ASSIGNMENT_SETS_S	ASSIGNMENT_SET_ID

MSC_ATP_RULES

This table stores rules and options that are used in Available To Promise computation.

Column Descriptions

Name	Null?	Type	Description
RULE_ID	NOT NULL	NUMBER	ATP rule identifier
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Instance id
RULE_NAME	NOT NULL	VARCHAR2(80)	Name of ATP rule
DESCRIPTION	NULL	VARCHAR2(240)	Description for ATP rule
ACCUMULATE_AVAILABLE_FLAG	NOT NULL	NUMBER	Flag for ATP computation to accumulate quantity availability
BACKWARD_CONSUMPTION_FLAG	NOT NULL	NUMBER	Flag for ATP computation to backwardly consume shortage
FORWARD_CONSUMPTION_FLAG	NOT NULL	NUMBER	Flag for ATP computation to forwardly consume shortage
PAST_DUE_DEMAND_CUTOFF_FENCE	NULL	NUMBER	Demand before the specified number of days are not to be considered in ATP computation
PAST_DUE_SUPPLY_CUTOFF_FENCE	NULL	NUMBER	Supplies before the specified number of days are not to be considered in ATP computation
INFINITE_SUPPLY_FENCE_CODE	NOT NULL	NUMBER	Source code for infinite supply time fence
INFINITE_SUPPLY_TIME_FENCE	NULL	NUMBER	Infinite supply time fence days only when user-defined is specified in the time fence code
ACCEPTABLE_EARLY_FENCE	NULL	NUMBER	Acceptable early fence
ACCEPTABLE_LATE_FENCE	NULL	NUMBER	Acceptable late fence
DEFAULT_ATP_SOURCES	NULL	NUMBER	Indicate which subinventories to use for on-hand quantities
DEMAND_CLASS_ATP_FLAG	NOT NULL	NUMBER	Yes/No flag for ATP computation to consider Demand Class when selecting supply and demand
INCLUDE_SALES_ORDERS	NOT NULL	NUMBER	Yes/No flag for ATP computation to include demand from sales orders
INCLUDE_DISCRETE_WIP_DEMAND	NOT NULL	NUMBER	Yes/No flag for ATP computation to include demand from WIP discrete jobs
INCLUDE_REP_WIP_DEMAND	NOT NULL	NUMBER	Yes/No flag for ATP computation to include demand from WIP repetitive discrete jobs
INCLUDE_NONSTD_WIP_DEMAND	NOT NULL	NUMBER	Yes/No flag for ATP computation to include demand from WIP non-standard jobs
INCLUDE_DISCRETE_MPS	NOT NULL	NUMBER	Yes/No flag for ATP computation to include supply from discrete MPS schedule
INCLUDE_USER_DEFINED_DEMAND	NOT NULL	NUMBER	Yes/No flag for ATP computation to include user defined demand
INCLUDE_PURCHASE_ORDERS	NOT NULL	NUMBER	Yes/No flag for ATP computation to include supply from purchase orders
INCLUDE_DISCRETE_WIP_RECEIPTS	NOT NULL	NUMBER	Yes/No flag for ATP computation to include supply from WIP discrete jobs

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Column Descriptions (Continued)

Name	Null?	Type	Description
INCLUDE_REP_WIP_RECEIPTS	NOT NULL	NUMBER	Yes/No flag for ATP computation to include supply from WIP repetitive schedule jobs
INCLUDE_NONSTD_WIP_RECEIPTS	NOT NULL	NUMBER	Yes/No flag for ATP computation to include supply from WIP non-standard jobs
INCLUDE_INTERORG_TRANSFERS	NOT NULL	NUMBER	Yes/No flag for ATP computation to include supply from inter-organization transfers
INCLUDE_ONHAND_AVAILABLE	NOT NULL	NUMBER	Yes/No flag for ATP computation to include supply from on-hand inventory
INCLUDE_USER_DEFINED_SUPPLY	NOT NULL	NUMBER	Yes/No flag for ATP computation to include supply from user defined source
ACCUMULATION_WINDOW	NULL	NUMBER	Maximum number of days that available supply should be accumulated. Only has impact if accumulate available = Yes
INCLUDE_REP_MPS	NOT NULL	NUMBER	Yes/No flag for ATP computation to include supply from repetitive MPS schedules
INCLUDE_INTERNAL_REQS	NULL	NUMBER	Yes/No flag for ATP computation include from internal requisitions
INCLUDE_SUPPLIER_REQS	NULL	NUMBER	Yes/No flag for ATP computation include from internal orders
INCLUDE_INTERNAL_ORDERS	NULL	NUMBER	Yes/No flag for ATP computation to include demand from internal orders
INCLUDE_FLOW_SCHEDULE_DEMAND	NULL	NUMBER	Yes/No flag for ATP computation to include demand from flow schedule
INCLUDE_FLOW_SCHEDULE_RECEIPTS	NULL	NUMBER	Yes/No flag for ATP computation to include supply from repetitive MPS schedules
USER_ATP_SUPPLY_TABLE_NAME	NULL	VARCHAR2(30)	Not currently used
USER_ATP_DEMAND_TABLE_NAME	NULL	VARCHAR2(30)	Not currently used
MPS_DESIGNATOR	NULL	VARCHAR2(10)	Not currently used
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MSC_ATP_RULES_U1	UNIQUE	5	SR_INSTANCE_ID
		7	RULE_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
MSC_ATP_RULES_S	RULE_ID

MSC_AVAILABLE_TO_PROMISE

MSC_AVAILABLE_TO_PROMISE stores the projected ATP values for an item in an MRP or MPS plan. Each row represents the available to promise quantity for an item on a given date. The table is populated by the Planner.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_SYSTEM_ITEMS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID	NOT NULL	NUMBER	Unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
PLAN_ID	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
SCHEDULE_DATE	NOT NULL	DATE	Date of ATP
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
QUANTITY_AVAILABLE	NOT NULL	NUMBER	ATP quantity
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
UPDATED	NULL	NUMBER	Flag indicating whether the row is updated
STATUS	NULL	NUMBER	Flag indicating the status of the row

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_AVAILABLE_TO_PROMISE_U1	UNIQUE	5	PLAN_ID
		6	INVENTORY_ITEM_ID
		16	ORGANIZATION_ID
		21	SR_INSTANCE_ID
		26	SCHEDULE_DATE
MSC_AVAILABLE_TO_PROMISE_U2	UNIQUE	2	PLAN_ID
		5	TRANSACTION_ID

Sequences

Sequence	Derived Column
MSC_AVAILABLE_TO_PROMISE_S	TRANSACTION_ID

MSC_BILL_OF_RESOURCES

This table stores the set of resources required in an organization.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_PLAN_ORGANIZATIONS	PLAN_ID ORGANIZATION_ID SR_INSTANCE_ID	PLAN_ID ORGANIZATION_ID SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
BILL_OF_RESOURCES (PK)	NOT NULL	VARCHAR2(10)	Source application bill of resource identifier
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
DESCRIPTION	NULL	VARCHAR2(50)	Bill of resource description
DISABLE_DATE	NULL	DATE	Bill of resource disable date
ROLLUP_START_DATE	NULL	DATE	Bill of resources load start date
ROLLUP_COMPLETION_DATE	NULL	DATE	Bill of resources load completion date
REFRESH_NUMBER	NULL	NUMBER	Refresh number used by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Concurrent Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Indexes

Index Name	Index Type	Sequence	Column Name
MSC_BILL_OF_RESOURCES_U1	UNIQUE	1	PLAN_ID
		2	SR_INSTANCE_ID
		3	ORGANIZATION_ID
		5	BILL_OF_RESOURCES

MSC_BIS_BUSINESS_PLANS

A business plan in this context is one of possibly many scenarios which set performance targets to particular values anticipated under that scenario. The MSC_BIS_BUSINESS_PLANS table is a simple listing of business plans collected from source applications.

Column Descriptions

Name	Null?	Type	Description
BUSINESS_PLAN_ID	NOT NULL	NUMBER	Business plan identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
SHORT_NAME	NOT NULL	VARCHAR2(30)	Short name of business plan
NAME	NOT NULL	VARCHAR2(80)	Business plan name
DESCRIPTION		NULL VARCHAR2(240)	Describe the business plan
VERSION_NO	NOT NULL	NUMBER	Version number
CURRENT_PLAN_FLAG		NULL VARCHAR2(1)	Yes/No flag indicating whether the plan is current
REFRESH_NUMBER		NULL NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
CREATED_BY	NOT NULL	NUMBER	Standard who column
LAST_UPDATE_LOGIN		NULL NUMBER	Standard who column
REQUEST_ID		NULL NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID		NULL NUMBER	Concurrent Who column
PROGRAM_ID		NULL NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE		NULL DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_BIS_BUSINESS_PLAN_U1	UNIQUE	5	SR_INSTANCE_ID
		10	BUSINESS_PLAN_ID
MSC_BIS_BUSINESS_PLANS_U2	UNIQUE	1	SHORT_NAME
		2	SR_INSTANCE_ID

Sequences

Sequence	Derived Column
MSC_BIS_BUSINESS_PLANS_S	BUSINESS_PLAN_ID

MSC_BIS_INV_DETAIL

MSC_BIS_INV_DETAIL contains Inventory balance details collected from source applications.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_DESIGNATORS	ORGANIZATION_ID SR_INSTANCE_ID	ORGANIZATION_ID SR_INSTANCE_ID
MSC_SYSTEM_ITEMS	PLAN_ID ORGANIZATION_ID INVENTORY_ITEM_ID SR_INSTANCE_ID	PLAN_ID ORGANIZATION_ID INVENTORY_ITEM_ID SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Organization identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
DETAIL_DATE	NOT NULL	DATE	Detail date
INVENTORY_ITEM_ID	NUL	NUMBER	Inventory item identifier
PROJECT_ID	NUL	NUMBER	Project identifier
TASK_ID	NUL	NUMBER	Task identifier
MDS_QUANTITY	NOT NULL	NUMBER	Total MSD quantify of the plan
INVENTORY_QUANTITY	NOT NULL	NUMBER	Total inventory quantity of the plan
INVENTORY_COST	NUL	NUMBER	Total inventory cost of the plan
MDS_COST	NUL	NUMBER	Total MDS cost of the plan
MDS_PRICE	NUL	NUMBER	Total MDS price of the plan
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NUL	NUMBER	Standard Who column
REQUEST_ID	NUL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NUL	NUMBER	Concurrent Who column
PROGRAM_ID	NUL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NUL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_BIS_INV_DETAILS_N1	NOT UNIQUE	1	PLAN_ID
		2	ORGANIZATION_ID
		3	SR_INSTANCE_ID

MSC_BIS_PERFORMANCE_MEASURES

MSC_BIS_PERFORMANCE_MEASURES contains business performance measures collected from source applications.

Column Descriptions

Name	Null?	Type	Description
MEASURE_ID	NOT NULL	NUMBER	Measure identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
MEASURE_SHORT_NAME	NOT NULL	VARCHAR2(30)	Measure short name
MEASURE_NAME	NOT NULL	VARCHAR2(80)	Measure name
DESCRIPTION	NULL	VARCHAR2(240)	Describe the performance measure
ORG_DIMENSION_ID	NULL	NUMBER	Organization dimension identifier
TIME_DIMENSION_ID	NULL	NUMBER	Time dimension identifier
DIMENSION1_ID	NULL	NUMBER	First dimension identifier
DIMENSION2_ID	NULL	NUMBER	Second dimension identifier
DIMENSION3_ID	NULL	NUMBER	Third dimension identifier
DIMENSION4_ID	NULL	NUMBER	Forth dimension identifier
DIMENSION5_ID	NULL	NUMBER	Fifth dimension identifier
UNIT_OF_MEASURE_CLASS	NULL	VARCHAR2(10)	Unit of measure class
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
CREATED_BY	NOT NULL	NUMBER	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_BIS_PERFORMANCE_MEASURE_U1	UNIQUE	5	SR_INSTANCE_ID
		10	MEASURE_ID
MSC_BIS_PERFORMANCE_MEASURE_U2	UNIQUE	1	MEASURE_SHORT_NAME
		2	SR_INSTANCE_ID

Sequences

Sequence	Derived Column
MSC_BIS_PERF_MEASURES_S	MEASURE_ID

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MSC_BIS_PERIODS

MSC_BIS_PERIODS stores periods between the calendar start date and end dates.

Column Descriptions

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

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_BIS_PERIODS_N1	NOT UNIQUE	1	START_DATE
MSC_BIS_PERIODS_N2	NOT UNIQUE	1	END_DATE
MSC_BIS_PERIODS_U1	UNIQUE	1	SR_INSTANCE_ID
		2	ORGANIZATION_ID
		3	PERIOD_NAME
		4	PERIOD_SET_NAME

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MSC_BIS_PERIODS_U2	UNIQUE	1	ORGANIZATION_ID
		2	SR_INSTANCE_ID
		3	PERIOD_SET_NAME
		4	PERIOD_TYPE
		5	PERIOD_YEAR
		6	PERIOD_NUM

MSC_BIS_RES_SUMMARY

MSC_BIS_RES_SUMMARY stores resource required hours and available hours for BIS reports.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_DEPARTMENT_RESOURCES	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	DEPARTMENT_ID	DEPARTMENT_ID
	RESOURCE_ID	RESOURCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
DEPARTMENT_ID	NOT NULL	NUMBER	Department identifier/Line identifier from source application instance
RESOURCE_ID	NOT NULL	NUMBER	Resource identifier from source application instance. (-1 for LINE)
RESOURCE_DATE	NULL	DATE	Resource required date
REQUIRED_HOURS	NULL	NUMBER	Resource required hours
AVAILABLE_HOURS	NULL	NUMBER	Resource available hours
UTILIZATION	NULL	NUMBER	Resource utilization
DEPARTMENT_CLASS	NULL	VARCHAR2(10)	Department Class
RESOURCE_GROUP	NULL	VARCHAR2(30)	Resource group code
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_BIS_RES_SUMMARY_N1	NOT UNIQUE	1	PLAN_ID
		2	ORGANIZATION_ID
		3	SR_INSTANCE_ID

MSC_BIS_TARGETS

MSC_BIS_TARGETS stores the target values for the BIS reports.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_BIS_BUSINESS_PLANS	BUSINESS_PLAN_ID SR_INSTANCE_ID	BUSINESS_PLAN_ID SR_INSTANCE_ID
MSC_BIS_TARGET_LEVELS	SR_INSTANCE_ID TARGET_LEVEL_ID	SR_INSTANCE_ID TARGET_LEVEL_ID

Column Descriptions

Name	Null?	Type	Description
TARGET_ID	NOT NULL	NUMBER	Target identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
TARGET_LEVEL_ID	NOT NULL	NUMBER	Target level identifier
BUSINESS_PLAN_ID	NOT NULL	NUMBER	Business plan identifier
ORG_LEVEL_VALUE_ID	NOT NULL	VARCHAR2(80)	Org level value identifier
TIME_LEVEL_VALUE_ID	NOT NULL	VARCHAR2(80)	Time level value identifier
DIM1_LEVEL_VALUE_ID	NULL	VARCHAR2(80)	First dimension level value identifier
DIM2_LEVEL_VALUE_ID	NULL	VARCHAR2(80)	Second dimension level value identifier
DIM3_LEVEL_VALUE_ID	NULL	VARCHAR2(80)	Third dimension level value identifier
DIM4_LEVEL_VALUE_ID	NULL	VARCHAR2(80)	Forth dimension level value identifier
DIM5_LEVEL_VALUE_ID	NULL	VARCHAR2(80)	Fifth dimension level value identifier
TARGET	NULL	NUMBER	Target number
RANGE1_LOW	NULL	NUMBER	Low number of the first range
RANGE1_HIGH	NULL	NUMBER	High number of the first range
RANGE2_LOW	NULL	NUMBER	Low number of the second range
RANGE2_HIGH	NULL	NUMBER	High number of the second range
RANGE3_LOW	NULL	NUMBER	Low number of the third range
RANGE3_HIGH	NULL	NUMBER	High number of the third range
NOTIFY_RESP1_ID	NULL	NUMBER	First notify identifier
NOTIFY_RESP1_SHORT_NAME	NULL	VARCHAR2(100)	Short name of the first notify
NOTIFY_RESP2_ID	NULL	NUMBER	Second notify identifier
NOTIFY_RESP2_SHORT_NAME	NULL	VARCHAR2(100)	Short name of the second notify
NOTIFY_RESP3_ID	NULL	NUMBER	Third notify identifier
NOTIFY_RESP3_SHORT_NAME	NULL	VARCHAR2(100)	Short name of the third notify
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
CREATED_BY	NOT NULL	NUMBER	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

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Indexes

Index Name	Index Type	Sequence	Column Name
MSC_BIS_TARGETS_U1	UNIQUE	5	SR_INSTANCE_ID
		10	TARGET_ID
MSC_BIS_TARGETS_U2	UNIQUE	1	TARGET_LEVEL_ID
		2	SR_INSTANCE_ID
		4	ORG_LEVEL_VALUE_ID
		6	BUSINESS_PLAN_ID
		8	TIME_LEVEL_VALUE_ID
		10	DIM1_LEVEL_VALUE_ID
		12	DIM2_LEVEL_VALUE_ID
		14	DIM3_LEVEL_VALUE_ID
		16	DIM4_LEVEL_VALUE_ID
		18	DIM5_LEVEL_VALUE_ID

Sequences

Sequence	Derived Column
MSC_BIS_TARGETS_S	TARGET_ID
MSC_BIS_TARGET_LEVELS_S	TARGET_LEVEL_ID

MSC_BIS_TARGET_LEVELS

MSC_BIS_TARGET_LEVELS contains different combinations of dimension levels to be applied simultaneously to get a performance indicator relevant to a particular reporting need. For example, if someone wants to know sales revenues broken down by month and by product and by state, then this combination of parameters would be captured in a target level.

MSC_BIS_TARGET_LEVELS contains data collected from source applications.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_BIS_PERFORMANCE_MEASURES	MEASURE_ID SR_INSTANCE_ID	MEASURE_ID SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
TARGET_LEVEL_ID	NOT NULL	NUMBER	Target level identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
TARGET_LEVEL_SHORT_NAME	NOT NULL	VARCHAR2(30)	Short name identifying the target level
TARGET_LEVEL_NAME	NOT NULL	VARCHAR2(80)	Target level name
DESCRIPTION	NULL	VARCHAR2(240)	Describe the target level
MEASURE_ID	NOT NULL	NUMBER	Performance measure identifier
ORG_LEVEL_ID	NOT NULL	NUMBER	Organization level identifier
TIME_LEVEL_ID	NOT NULL	NUMBER	Time level identifier
DIMENSION1_LEVEL_ID	NULL	NUMBER	First dimension level identifier
DIMENSION2_LEVEL_ID	NULL	NUMBER	Second dimension level identifier
DIMENSION3_LEVEL_ID	NULL	NUMBER	Third dimension level identifier
DIMENSION4_LEVEL_ID	NULL	NUMBER	Forth dimension level identifier
DIMENSION5_LEVEL_ID	NULL	NUMBER	Fifth dimension level identifier
WORKFLOW_ITEM_TYPE	NULL	VARCHAR2(8)	Workflow item type
WORKFLOW_PROCESS_SHORT_NAME	NULL	VARCHAR2(30)	Workflow process short name
DEFAULT_NOTIFY_RESP_ID	NULL	NUMBER	Default notify identifier
DEFAULT_NOTIFY_RESP_SHORT_NAME	NULL	VARCHAR2(100)	Name of the default notify
COMPUTING_FUNCTION_ID	NULL	NUMBER	Computing function identifier
REPORT_FUNCTION_ID	NULL	NUMBER	Report function identifier
UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Unit of measure
SYSTEM_FLAG	NULL	VARCHAR2(1)	System flag
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
CREATED_BY	NOT NULL	NUMBER	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard who column

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Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_BIS_TARGET_LEVELS_U1	UNIQUE	5	SR_INSTANCE_ID
		10	TARGET_LEVEL_ID
MSC_BIS_TARGET_LEVELS_U2	UNIQUE	1	TARGET_LEVEL_SHORT_NAME
		2	SR_INSTANCE_ID

MSC_BOMS

This table represents the Bills Of Material of an item created at source applications.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_SYSTEM_ITEMS	PLAN_ID INVENTORY_ITEM_ID ORGANIZATION_ID SR_INSTANCE_ID	PLAN_ID ASSEMBLY_ITEM_ID ORGANIZATION_ID SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
BILL_SEQUENCE_ID	NOT NULL	NUMBER	Bill sequence identifier in the source application instance
SR_INSTANCE_ID	NOT NULL	NUMBER	Identifier of the source application instance
ASSEMBLY_TYPE	NOT NULL	NUMBER	Manufacturing Bill(1), or Engineering(2). Used for UI and reports.
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Name of the bill for alternate bills (null for the primary bill)
SPECIFIC_ASSEMBLY_COMMENT	NULL	VARCHAR2(240)	Comments for specific assembly
PENDING_FROM_ECN	NULL	VARCHAR2(10)	Change notice that created this bill of material
SCALING_TYPE	NULL	NUMBER	(OPM) Controls scaling behavior
ASSEMBLY_QUANTITY	NULL	NUMBER	Assembly quantity
UOM	NULL	VARCHAR2(3)	Unit of measure code
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier of the item
ASSEMBLY_ITEM_ID	NOT NULL	NUMBER	Identifier of the item being assembled
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment

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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

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_BOMS_U1	UNIQUE	1	PLAN_ID
		2	SR_INSTANCE_ID
		3	BILL_SEQUENCE_ID
MSC_BOMS_U2	UNIQUE	1	PLAN_ID
		2	ORGANIZATION_ID
		4	SR_INSTANCE_ID
		8	ASSEMBLY_ITEM_ID
		9	ALTERNATE_BOM_DESIGNATOR

MSC_BOM_COMPONENTS

This table stores the components used in a bill of material created at source applications.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_BOMS	BILL_SEQUENCE_ID	BILL_SEQUENCE_ID
	PLAN_ID	PLAN_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_SYSTEM_ITEMS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
COMPONENT_SEQUENCE_ID	NOT NULL	NUMBER	Component identifier on the source application instance
BILL_SEQUENCE_ID	NOT NULL	NUMBER	Identifier of the BOM
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Identifier of the component item
USING_ASSEMBLY_ID	NULL	NUMBER	Identifier of the item being assembled
COMPONENT_TYPE	NULL	NUMBER	Component (1), Ingredient component (-1), by-product (2)
SCALING_TYPE	NULL	NUMBER	Scaling type
CHANGE_NOTICE	NULL	VARCHAR2(10)	Code for ECO. Use for UI and reporting
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code
USAGE_QUANTITY	NULL	NUMBER	Quantity of the component to build one unit of item
EFFECTIVITY_DATE	NULL	DATE	Date of effectivity for this component
DISABLE_DATE	NULL	DATE	End of effectivity
FROM_UNIT_NUMBER	NULL	VARCHAR2(30)	Effective from this unit number
TO_UNIT_NUMBER	NULL	VARCHAR2(30)	Effective up to this unit number
USE_UP_CODE	NULL	NUMBER	Yes/No flag - if yes this component is effective until the available quantity becomes null
SUGGESTED_EFFECTIVITY_DATE	NULL	DATE	Calculated use-up-date (if Use-up-code is yes)
DRIVING_ITEM_ID	NULL	NUMBER	Item which consumption determine the switch to this component
OPERATION_OFFSET_PERCENT	NULL	NUMBER	Operation offset percent
OPTIONAL_COMPONENT	NULL	NUMBER	Yes/No flag if optional use planning factor to determine demand
OLD_EFFECTIVITY_DATE	NULL	DATE	Old effectivity date
WIP_SUPPLY_TYPE	NULL	NUMBER	Used mainly for phantoms

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Column Descriptions (Continued)

Name	Null?	Type	Description
PLANNING_FACTOR	NULL	NUMBER	Planning factor for this component (percent)
ATP_FLAG	NULL	NUMBER	Yes/No flag used for ATP
COMPONENT_YIELD_FACTOR	NOT NULL	NUMBER	Factor used to multiply component quantity with to obtain component quantity
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_BOM_COMPONENTS_N1	NOT UNIQUE	2	PLAN_ID
		5	BILL_SEQUENCE_ID
		10	SR_INSTANCE_ID
		15	INVENTORY_ITEM_ID
		20	EFFECTIVITY_DATE
MSC_BOM_COMPONENTS_N2	NOT UNIQUE	2	PLAN_ID
		5	BILL_SEQUENCE_ID
		10	SR_INSTANCE_ID
MSC_BOM_COMPONENTS_N3	NOT UNIQUE	2	PLAN_ID
		5	BILL_SEQUENCE_ID
		10	INVENTORY_ITEM_ID
		15	FROM_UNIT_NUMBER
MSC_BOM_COMPONENTS_N4	NOT UNIQUE	2	PLAN_ID
		5	BILL_SEQUENCE_ID
		10	SR_INSTANCE_ID
		15	INVENTORY_ITEM_ID
		20	EFFECTIVITY_DATE
		25	FROM_UNIT_NUMBER
MSC_BOM_COMPONENTS_N5	NOT UNIQUE	1	PLAN_ID
		2	SR_INSTANCE_ID
		4	INVENTORY_ITEM_ID
		6	ORGANIZATION_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MSC_BOM_COMPONENTS_U1	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		12	BILL_SEQUENCE_ID
		16	COMPONENT_SEQUENCE_ID

Sequences

Sequence	Derived Column
MSC_BOM_COMPONENTS_S	COMPONENT_SEQUENCE_ID

MSC_BOR_REQUIREMENTS

This table stores the set of resources required in an organization for an item.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_BILL_OF_RESOURCES	BILL_OF_RESOURCES	BILL_OF_RESOURCES
	ORGANIZATION_ID	ORGANIZATION_ID
	PLAN_ID	PLAN_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_DEPARTMENT_RESOURCES	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	RESOURCE_ID	RESOURCE_ID
	DEPARTMENT_ID	DEPARTMENT_ID
MSC_OPERATION_RESOURCES	PLAN_ID	PLAN_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
	RESOURCE_SEQ_NUM	RESOURCE_SEQ_NUM
MSC_OPERATION_RESOURCE_SEQS	PLAN_ID	PLAN_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
	RESOURCE_SEQ_NUM	RESOURCE_SEQ_NUM
MSC_SYSTEM_ITEMS	ORGANIZATION_ID	ORGANIZATION_ID
	PLAN_ID	PLAN_ID
	INVENTORY_ITEM_ID	ASSEMBLY_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ORIGINATION_TYPE	CRP_ROLLUP_ORIGINATION	MFG_LOOKUPS
	1	Load
	2	Manual update
	3	Manual addition

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
TRANSACTION_ID	NOT NULL	NUMBER	Source application transaction identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
BILL_OF_RESOURCES	NOT NULL	VARCHAR2(10)	Bill of resource set name
RESOURCE_DEPARTMENT_HOURS	NULL	NUMBER	Required resource hours
OPERATION_SEQUENCE_ID	NULL	NUMBER	Routing operation sequence identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number in routing
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence number
SETBACK_DAYS	NULL	NUMBER	Resource set back days from assembly due date
ASSEMBLY_USAGE	NULL	NUMBER	Resource hours multiplier for assembly usage
ORIGINATION_TYPE	NULL	NUMBER	Load(1), Manual update(2), Manual addition(3)
RESOURCE_UNITS	NULL	NUMBER	Operation resource units

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Column Descriptions (Continued)

Name	Null?	Type	Description
BASIS	NULL	NUMBER	Operation Basis. Item(1), Lot(2), Resource Units(3), Resource value(4), Total value(5), Activity units(6)
RESOURCE_ID	NULL	NUMBER	Resource identifier
DEPARTMENT_ID	NULL	NUMBER	Department identifier (Line identifier)
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
ASSEMBLY_ITEM_ID	NOT NULL	NUMBER	Assembly item identifier
SOURCE_ITEM_ID	NOT NULL	NUMBER	Source item identifier
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
SR_TRANSACTION_ID	NULL	NUMBER(38)	Source transaction identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_BOR_REQUIREMENTS_N1	NOT UNIQUE	5	PLAN_ID
		10	ASSEMBLY_ITEM_ID
		15	ORGANIZATION_ID
		20	SR_INSTANCE_ID
		25	BILL_OF_RESOURCES
MSC_BOR_REQUIREMENTS_U1	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	TRANSACTION_ID

Sequences

Sequence	Derived Column
MSC_BOR_REQUIREMENTS_S	TRANSACTION_ID

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MSC_CALENDAR_DATES

MSC_CALENDAR_DATES stores every date between the calendar start date and calendar end date for the given calendar using a specified exception set. This tables stores data collected from source applications.

Column Descriptions

Name	Null?	Type	Description
CALENDAR_DATE	NOT NULL	DATE	Calendar date
CALENDAR_CODE	NOT NULL	VARCHAR2(14)	Calendar code
SEQ_NUM	NULL	NUMBER	Sequence number (for working days only)
NEXT_SEQ_NUM	NOT NULL	NUMBER	Next sequence number
PRIOR_SEQ_NUM	NOT NULL	NUMBER	Prior sequence number
NEXT_DATE	NOT NULL	DATE	Date corresponding to next sequence number
PRIOR_DATE	NOT NULL	DATE	Date corresponding to prior sequence number
CALENDAR_START_DATE	NOT NULL	DATE	Beginning date for the calendar
CALENDAR_END_DATE	NOT NULL	DATE	Ending date for the calendar
DESCRIPTION	NULL	VARCHAR2(240)	Calendar description
EXCEPTION_SET_ID	NOT NULL	NUMBER	Exception set identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_CALENDAR_DATES_N1	NOT UNIQUE	5	CALENDAR_CODE
		10	NEXT_DATE
		15	EXCEPTION_SET_ID
		20	SR_INSTANCE_ID
MSC_CALENDAR_DATES_N2	NOT UNIQUE	5	CALENDAR_CODE
		10	PRIOR_DATE
		15	EXCEPTION_SET_ID
		20	SR_INSTANCE_ID
MSC_CALENDAR_DATES_N3	NOT UNIQUE	5	CALENDAR_DATE
		10	CALENDAR_CODE
		15	SEQ_NUM
		20	EXCEPTION_SET_ID
MSC_CALENDAR_DATES_U1	UNIQUE	25	SR_INSTANCE_ID
		5	SR_INSTANCE_ID
		10	CALENDAR_DATE
		15	CALENDAR_CODE
		20	EXCEPTION_SET_ID

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MSC_CALENDAR_SHIFTS

MSC_CALENDAR_SHIFTS stores the shift information that you define for a calendar (CALENDAR_CODE). You define each shift (SHIFT_NUM), its description (DESCRIPTION), and shift workday pattern (DAYS ON and DAYS OFF). A calendar can have multiple shifts, each having its own workday pattern and exception dates. Each shift also has its own shift times. This tables stores data collected from source applications.

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE	NOT NULL	VARCHAR2(14)	Workday calendar identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
SHIFT_NUM	NOT NULL	NUMBER	Shift number
DAYS_ON	NULL	NUMBER	Number of consecutive working days
DAYS_OFF	NULL	NUMBER	Number of consecutive non-working days
DESCRIPTION	NULL	VARCHAR2(240)	Description
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_CALENDAR_SHIFTS_U1	UNIQUE	5	SR_INSTANCE_ID
		10	CALENDAR_CODE
		15	SHIFT_NUM

MSC_CAL_WEEK_START_DATES

This table stores the workday calendar weekly start dates

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE	NOT NULL	VARCHAR2(14)	Workday calendar identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
EXCEPTION_SET_ID	NOT NULL	NUMBER	Exception set unique identifier
WEEK_START_DATE	NOT NULL	DATE	Week start date
NEXT_DATE	NOT NULL	DATE	Date corresponding to the next working date
PRIOR_DATE	NOT NULL	DATE	Date corresponding to the prior working date
SEQ_NUM	NOT NULL	NUMBER	Sequence number (for working days)
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_CAL_WEEK_START_DATES_U1	UNIQUE	1	SR_INSTANCE_ID
		3	CALENDAR_CODE
		4	EXCEPTION_SET_ID
		20	WEEK_START_DATE

MSC_CAL_YEAR_START_DATES

MSC_CAL_YEAR_START_DATES stores the year start dates for your calendar and exception set. This table stores data collected from source applications.

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE	NOT NULL	VARCHAR2(14)	Workday calendar identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
EXCEPTION_SET_ID	NOT NULL	NUMBER	Exception set unique identifier
YEAR_START_DATE	NOT NULL	DATE	Calendar Year Start date
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_CAL_YEAR_START_DATES_U1	UNIQUE	1	SR_INSTANCE_ID
		3	CALENDAR_CODE
		4	EXCEPTION_SET_ID
		20	YEAR_START_DATE

MSC_CAPACITY_PLANS

MSC_CAPACITY_PLANS is a generic table used by forms for querying data. This table is used to display capacity horizontal plan information in the Planner Workbench. QUERY_ID is the query identifier used while populating the table. The QUANTITY columns contain generic data used in the PL/SQL procedure to select data.

Column Descriptions

Name	Null?	Type	Description
QUERY_ID	NOT NULL	NUMBER	Query 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
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
DEPARTMENT_ID	NOT NULL	NUMBER	Department identifier
RESOURCE_ID	NULL	NUMBER	Resource identifier
DEPARTMENT_NAME	NULL	VARCHAR2(30)	Department name
DEPARTMENT_CLASS	NULL	VARCHAR2(10)	Department class
RESOURCE_NAME	NULL	VARCHAR2(30)	Resource name
RESOURCE_TYPE	NULL	VARCHAR2(80)	Resource type
RESOURCE_GROUP_NAME	NULL	VARCHAR2(30)	Resource group name
BUCKET_TYPE	NOT NULL	NUMBER	Indicate the type of bucket
BUCKET_DATE	NOT NULL	DATE	Bucket date
QUANTITY1	NULL	NUMBER	Generic quantity column
QUANTITY2	NULL	NUMBER	Generic quantity column
QUANTITY3	NULL	NUMBER	Generic quantity column
QUANTITY4	NULL	NUMBER	Generic quantity column
QUANTITY5	NULL	NUMBER	Generic quantity column
QUANTITY6	NULL	NUMBER	Generic quantity column
QUANTITY7	NULL	NUMBER	Generic quantity column
QUANTITY8	NULL	NUMBER	Generic quantity column
QUANTITY9	NULL	NUMBER	Generic quantity column
QUANTITY10	NULL	NUMBER	Generic quantity column
QUANTITY11	NULL	NUMBER	Generic quantity column
QUANTITY12	NULL	NUMBER	Generic quantity column
QUANTITY13	NULL	NUMBER	Generic quantity column
QUANTITY14	NULL	NUMBER	Generic quantity column
QUANTITY15	NULL	NUMBER	Generic quantity column
QUANTITY16	NULL	NUMBER	Generic quantity column
QUANTITY17	NULL	NUMBER	Generic quantity column
QUANTITY18	NULL	NUMBER	Generic quantity column
QUANTITY19	NULL	NUMBER	Generic quantity column
QUANTITY20	NULL	NUMBER	Generic quantity column
QUANTITY21	NULL	NUMBER	Generic quantity column
QUANTITY22	NULL	NUMBER	Generic quantity column
QUANTITY23	NULL	NUMBER	Generic quantity column
QUANTITY24	NULL	NUMBER	Generic quantity column
QUANTITY25	NULL	NUMBER	Generic quantity column
QUANTITY26	NULL	NUMBER	Generic quantity column

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Column Descriptions (Continued)

Name	Null?	Type	Description
QUANTITY27	NULL	NUMBER	Generic quantity column
QUANTITY28	NULL	NUMBER	Generic quantity column
QUANTITY29	NULL	NUMBER	Generic quantity column
QUANTITY30	NULL	NUMBER	Generic quantity column
QUANTITY31	NULL	NUMBER	Generic quantity column
QUANTITY32	NULL	NUMBER	Generic quantity column
QUANTITY33	NULL	NUMBER	Generic quantity column
QUANTITY34	NULL	NUMBER	Generic quantity column
QUANTITY35	NULL	NUMBER	Generic quantity column
QUANTITY36	NULL	NUMBER	Generic quantity column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_CAPACITY_PLANS_N1	NOT UNIQUE	1	QUERY_ID

MSC_CATEGORY_SETS

This tables stores different category sets for an item.

Column Descriptions

Name	Null?	Type	Description
CATEGORY_SET_ID	NOT NULL	NUMBER	Category set identifier
CATEGORY_SET_NAME	NOT NULL	VARCHAR2(30)	Category set name
DESCRIPTION		VARCHAR2(240)	Category set description
CONTROL_LEVEL	NOT NULL	NUMBER	Item or Item/org control level
SR_CATEGORY_SET_ID	NOT NULL	NUMBER	Source application category set identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
DEFAULT_FLAG		NUMBER	Flag indicating whether this is default category set
REFRESH_NUMBER		NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
REQUEST_ID		NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID		NUMBER	Concurrent Who column
PROGRAM_ID		NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE		DATE	Concurrent Who column
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15		VARCHAR2(150)	Descriptive flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_CATEGORY_SETS_U1	UNIQUE	10	CATEGORY_SET_ID
MSC_CATEGORY_SETS_U2	UNIQUE	10	SR_INSTANCE_ID
		15	SR_CATEGORY_SET_ID
MSC_CATEGORY_SETS_U3	NOT UNIQUE	5	CATEGORY_SET_NAME

Sequences

Sequence	Derived Column
MSC_CATEGORY_SETS_S	CATEGORY_SET_ID

MSC_CATEGORY_SET_ID_LID

This table is used by the collection program to maintain the correspondence between the source instances identifiers and the planning identifiers for category sets.

Column Descriptions

Name	Null?	Type	Description
SR_CATEGORY_SET_ID (PK)	NOT NULL	NUMBER	Category set identifier from source application instance
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
CATEGORY_SET_ID	NOT NULL	NUMBER	Category set identifier generated at planning server

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_CATEGORY_SET_ID_LID_U1	NOT UNIQUE	5 10	SR_INSTANCE_ID SR_CATEGORY_SET_ID

MSC_COMPONENT_SUBSTITUTES

This table represents possible substitutes component in a bill of material.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_BOM_COMPONENTS	SR_INSTANCE_ID	SR_INSTANCE_ID
	COMPONENT_SEQUENCE_ID	COMPONENT_SEQUENCE_ID
	PLAN_ID	PLAN_ID
	BILL_SEQUENCE_ID	BILL_SEQUENCE_ID
MSC_SYSTEM_ITEMS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	SUBSTITUTE_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBSTITUTE_ITEM_ID	NOT NULL	NUMBER	Substitute inventory item identifier
COMPONENT_SEQUENCE_ID	NOT NULL	NUMBER	Source application identifier for that component
BILL_SEQUENCE_ID	NOT NULL	NUMBER	Bill sequence identifier for the component
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
USAGE_QUANTITY	NOT NULL	NUMBER	Usage quantity for the substitute component
PRIORITY	NOT NULL	NUMBER	Priority of the component substitute
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment

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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

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_COMPONENT_SUBSTITUTES_U1	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		20	ORGANIZATION_ID
		25	SUBSTITUTE_ITEM_ID
		27	COMPONENT_SEQUENCE_ID
		55	BILL_SEQUENCE_ID

MSC_CRITERIA

MSC_CRITERIA stores the criteria that can be selected by the user in the Find Blocks for Planner Workbench form. This table includes a row for every seeded criteria for the Items window and Supply/Demand window. FOLDER_OBJECT identifies the window for which the criteria is available. FIELD_NAME and FIELD_TYPE identify the field for which the criteria is seeded. FIELD_PROMPT is the prompt for the field that is displayed in the form.

Column Descriptions

Name	Null?	Type	Description
FOLDER_OBJECT	NOT NULL	VARCHAR2(30)	Unique folder object identifier
FIELD_NAME	NOT NULL	VARCHAR2(30)	Field name
FIELD_TYPE	NOT NULL	VARCHAR2(10)	Field type
LOV_NAME	NULL	VARCHAR2(30)	List of Value name
SQL_STATEMENT	NULL	VARCHAR2(2000)	SQL Statement for creating the list of values
FIELD_PROMPT	NOT NULL	VARCHAR2(80)	Field prompt
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
APP_SHORT_NAME	NULL	VARCHAR2(30)	Flexfield owning application
FLEX_NUM	NULL	VARCHAR2(30)	Flexfield identifier
DATA_SET	NULL	VARCHAR2(80)	Flexfield data set
FLEX_CODE	NULL	VARCHAR2(30)	Flexfield code
LOV_TYPE	NULL	NUMBER(10)	Type of LOV
LONG_LIST	NULL	VARCHAR2(2)	Long list indicator for flexfields

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_CRITERIA_U1	UNIQUE	1	FOLDER_OBJECT
		2	FIELD_NAME

MSC_DEMANDS

This table stores all the demands taken into account for planning. Disposition_id would be a foreign key to MSC_SUPPLIES for dependent demands. For independent demands, disposition_id holds MRP_SCHEDULE_DATES.MPS_TRANSACTION_ID.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_DEMANDS	DEMAND_ID	PARENT_ID
	PLAN_ID	PLAN_ID
MSC_DESIGNATORS	DESIGNATOR_ID	SCHEDULE_DESIGNATOR_ID
MSC_PROJECTS	PLAN_ID	PLAN_ID
	PROJECT_ID	PROJECT_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_PROJECT_TASKS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	PROJECT_ID	PROJECT_ID
	TASK_ID	TASK_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_SUPPLIES	TRANSACTION_ID	DISPOSITION_ID
	PLAN_ID	PLAN_ID
MSC_SYSTEM_ITEMS	ORGANIZATION_ID	ORGANIZATION_ID
	PLAN_ID	PLAN_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_SYSTEM_ITEMS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_SYSTEM_ITEMS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	USING_ASSEMBLY_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_TRADING_PARTNERS	PARTNER_ID	CUSTOMER_ID
MSC_TRADING_PARTNER_SITES	PARTNER_SITE_ID	CUSTOMER_SITE_ID
MSC_TRADING_PARTNER_SITES	PARTNER_SITE_ID	SHIP_TO_SITE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEMAND_TYPE	MRP_REPETITIVE_DEMAND_TYPE	MFG_LOOKUPS
	1	Discrete demand
	2	Rate-based demand
ORIGINATION_TYPE	MRP_DEMAND_ORIGINATION	MFG_LOOKUPS
	1	Planned order
	10	Hard reservation
	11	MDS independent demand
	12	MPS compiled demand
	15	Copied schedule demand
	16	Planned order scrap
	17	Discrete job scrap
	18	Purchase order scrap
	19	Purchase requisition scrap
	2	Non-standard job
	20	PO in receiving scrap
	21	Repetitive schedule scrap

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	22	Model/option class/product family demand
	23	Intransit shipment scrap
	24	Interorganization order
	25	Flow schedule
	26	Flow schedule scrap
	27	Payback demand
	3	Discrete job
	4	Repetitive schedule
	5	Expired lot
	6	Sales order MDS
	7	Forecast MDS
	8	Manual MDS
	9	Other independent demand

Column Descriptions

Name	Null?	Type	Description
ORDER_PRIORITY	NULL	NUMBER	Order priority
FORECAST_MAD	NULL	NUMBER	Forecast MAD
DEMAND_ID	NOT NULL	NUMBER	Demand identifier
SCHEDULE_DESIGNATOR_ID	NULL	NUMBER	Schedule designator identifier
USING_REQUIREMENT_QUANTITY	NOT NULL	NUMBER	Required quantity
ASSEMBLY_DEMAND_COMP_DATE	NULL	DATE	Using assembly completion date
USING_ASSEMBLY_DEMAND_DATE	NOT NULL	DATE	Demand date (due date)
DEMAND_TYPE	NOT NULL	NUMBER	Demand type. Discrete Demand(1), Rate-based demand(2)
ORIGINATION_TYPE	NULL	NUMBER	Origin of the demand: Planned order, hard reversation, etc...
DEMAND_PRIORITY	NULL	NUMBER	Demand priority. Used by scheduling heuristic
SALES_ORDER_PRIORITY	NULL	NUMBER	Sales order quantity
FORECAST_PRIORITY	NULL	NUMBER	Forecast priority
PLANNING_GROUP	NULL	VARCHAR2(30)	Planning group
DAILY_DEMAND_RATE	NULL	NUMBER	Repetitive demand rate
UNIT_NUMBER	NULL	VARCHAR2(30)	Unit number
DISPOSITION_ID	NULL	NUMBER	Disposition identifier, reference to the supply generating the demand.
USING_ASSEMBLY_ITEM_ID	NOT NULL	NUMBER	Using assembly item identifier (item generating the demand for dependent demands)
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Demanded item identifier
PROJECT_ID	NULL	NUMBER(15)	Project identifier to which the demand applies
TASK_ID	NULL	NUMBER(15)	Task identifier to which the demand applies
CUSTOMER_ID	NULL	NUMBER	Customer identifier
CUSTOMER_SITE_ID	NULL	NUMBER	Customer site identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
SHIP_TO_SITE_ID	NULL	NUMBER	Destination of the product
PROMISE_DATE	NULL	DATE	Date promised to the customer
SELLING_PRICE	NULL	NUMBER	Selling price

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Column Descriptions (Continued)

Name	Null?	Type	Description
DMD_LATENESS_COST	NULL	NUMBER	Demand lateness cost for independent demands
DMD_SATISFIED_DATE	NULL	DATE	Date demand is satisfied
OP_SEQ_NUM	NULL	NUMBER	Operation sequence number within the routing used by the source supply
UPDATED	NULL	NUMBER	Flag to determine whether add workday modification was applied
STATUS	NULL	NUMBER	Used for online replanning
APPLIED	NULL	NUMBER	Used for online replanning
DEMAND_CLASS	NULL	VARCHAR2(34)	Demand class code
FIRM_QUANTITY	NULL	NUMBER	Firm quantity
FIRM_DATE	NULL	DATE	Firm quantity
OLD_DEMAND_QUANTITY	NULL	NUMBER	Old demand quantity
OLD_DEMAND_DATE	NULL	DATE	Old order due date
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Source application identifier
RESERVATION_ID	NULL	NUMBER	Reservation identifier
PARENT_ID	NULL	NUMBER	Demand identifier of the parent demand transaction
LENDING_PROJECT_ID	NULL	NUMBER	Lending project identifier for Payback Demand
LENDING_TASK_ID	NULL	NUMBER	Lending task identifier for Payback Demand
SUBST_ITEM_FLAG	NULL	NUMBER	Flag indicating whether item is a substitute item
ORDER_NUMBER	NULL	VARCHAR2(62)	Wip entity name
RESERVED_QUANTITY	NULL	NUMBER	Quantity reserved
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
WIP_ENTITY_ID	NULL	NUMBER	WIP job identifier
ISSUED_QUANTITY	NULL	NUMBER	Quantity issued
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	Repetitive schedule identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
REFRESH_NUMBER	NULL	VARCHAR2(240)	Refresh number populated by the collection program
REQUEST_DATE	NULL	DATE	Request date
WIP_STATUS_CODE	NULL	NUMBER	WIP job status code
WIP_SUPPLY_TYPE	NULL	NUMBER	WIP supply type
SOURCE_ORG_INSTANCE_ID	NULL	NUMBER	Source Org Instance Identifier
SALES_ORDER_LINE_ID	NULL	NUMBER	Sales order line identifier
CONFIDENCE_PERCENTAGE	NULL	NUMBER	Forecast confidence percentage
BUCKET_TYPE	NULL	NUMBER	Bucket type
BILL_ID	NULL	NUMBER	Forecast billing address identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_DEMANDS_N1	NOT UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	ORGANIZATION_ID
		20	UPDATED
		25	APPLIED
		30	STATUS
MSC_DEMANDS_N2	NOT UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		12	ORGANIZATION_ID
		20	INVENTORY_ITEM_ID
		30	USING_ASSEMBLY_ITEM_ID
MSC_DEMANDS_N3	NOT UNIQUE	35	USING_ASSEMBLY_DEMAND_DATE
		1	PLAN_ID
		2	SR_INSTANCE_ID
		3	ORGANIZATION_ID
		4	INVENTORY_ITEM_ID
MSC_DEMANDS_N4	NOT UNIQUE	5	ORIGINATION_TYPE
		1	PLAN_ID
		2	SR_INSTANCE_ID
		4	DISPOSITION_ID
MSC_DEMANDS_N5	NOT UNIQUE	6	ORIGINATION_TYPE
		1	PLAN_ID
		2	SR_INSTANCE_ID
		4	ORIGINATION_TYPE
		6	WIP_ENTITY_ID
MSC_DEMANDS_U1	UNIQUE	8	OP_SEQ_NUM
		10	REPETITIVE_SCHEDULE_ID
		2	PLAN_ID
		6	DEMAND_ID

Sequences

Sequence	Derived Column
MSC_DEMANDS_S	DEMAND_ID

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MSC_DEMAND_CLASSES

This table stores the demand classes.

Column Descriptions

Name	Null?	Type	Description
DEMAND_CLASS	NOT NULL	VARCHAR2(30)	
MEANING	NOT NULL	VARCHAR2(80)	
DESCRIPTION	NULL	VARCHAR2(250)	
FROM_DATE	NULL	DATE	
TO_DATE	NULL	DATE	
ENABLED_FLAG	NOT NULL	NUMBER	
SR_INSTANCE_ID	NOT NULL	NUMBER	
LAST_UPDATE_DATE	NOT NULL	DATE	
LAST_UPDATED_BY	NOT NULL	NUMBER	
CREATION_DATE	NOT NULL	DATE	
CREATED_BY	NOT NULL	NUMBER	
LAST_UPDATE_LOGIN	NULL	NUMBER	
REQUEST_ID	NULL	NUMBER	
PROGRAM_APPLICATION_ID	NULL	NUMBER	
PROGRAM_ID	NULL	NUMBER	
PROGRAM_UPDATE_DATE	NULL	DATE	
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	
ATTRIBUTE1	NULL	VARCHAR2(150)	
ATTRIBUTE2	NULL	VARCHAR2(150)	
ATTRIBUTE3	NULL	VARCHAR2(150)	
ATTRIBUTE4	NULL	VARCHAR2(150)	
ATTRIBUTE5	NULL	VARCHAR2(150)	
ATTRIBUTE6	NULL	VARCHAR2(150)	
ATTRIBUTE7	NULL	VARCHAR2(150)	
ATTRIBUTE8	NULL	VARCHAR2(150)	
ATTRIBUTE9	NULL	VARCHAR2(150)	
ATTRIBUTE10	NULL	VARCHAR2(150)	
ATTRIBUTE11	NULL	VARCHAR2(150)	
ATTRIBUTE12	NULL	VARCHAR2(150)	
ATTRIBUTE13	NULL	VARCHAR2(150)	
ATTRIBUTE14	NULL	VARCHAR2(150)	
ATTRIBUTE15	NULL	VARCHAR2(150)	

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_DEMAND_CLASSES_U1	UNIQUE	1	SR_INSTANCE_ID
		2	DEMAND_CLASS

MSC_DEPARTMENT_RESOURCES

This table stores the resources available for planning.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_DEPARTMENT_RESOURCES	RESOURCE_ID	AGGREGATE_RESOURCE_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	PLAN_ID	PLAN_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_PLAN_ORGANIZATIONS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_RESOURCE_GROUPS	GROUP_CODE	RESOURCE_GROUP_NAME
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
RESOURCE_ID (PK)	NOT NULL	NUMBER	Source application resource identifier
DEPARTMENT_ID (PK)	NOT NULL	NUMBER	Source application department identifier or line identifier
RESOURCE_CODE	NULL	VARCHAR2(10)	Resource code
RESOURCE_DESCRIPTION	NULL	VARCHAR2(240)	Resource description
DEPARTMENT_CODE	NULL	VARCHAR2(10)	Department code, also holds line code
DEPARTMENT_DESCRIPTION	NULL	VARCHAR2(240)	Department description, also hold line description
DEPARTMENT_CLASS	NULL	VARCHAR2(10)	Department class
LINE_FLAG	NOT NULL	NUMBER	Flag to indicate whether or not this resource is a line
AGGREGATE_RESOURCE_ID	NULL	NUMBER	Reference to aggregate resource, if aggregated
AGGREGATE_RESOURCE_FLAG	NOT NULL	NUMBER	Yes/No flag to indicate whether or not this is an aggregated resource
RESOURCE_GROUP_NAME	NULL	VARCHAR2(30)	Name of the group of resource
RESOURCE_GROUP_CODE	NULL	VARCHAR2(10)	Resource group code
RESOURCE_SHORTAGE_TYPE	NULL	NUMBER	Resource shortage type
RESOURCE_BALANCE_FLAG	NULL	NUMBER	Flag to indicate if the resource needs to load balanced
RESOURCE_EXCESS_TYPE	NULL	NUMBER	Resource excess type
RESOURCE_INCLUDE_FLAG	NULL	NUMBER	Flag to indicate if we need to consider this resource when planning
CRITICAL_RESOURCE_FLAG	NULL	NUMBER	Flag to indicate if this a critical resource. This is used by LP and HLS
OVERUTILIZED_PERCENT	NULL	NUMBER	Overutilization tolerance
BOTTLENECK_FLAG	NULL	NUMBER	Flag to indicate if the resource is a known bottleneck
UNDERUTILIZED_PERCENT	NULL	NUMBER	Underutilization tolerance
OWNING_DEPARTMENT_ID	NULL	NUMBER	Owning department identifier for share resources
CAPACITY_UNITS	NULL	NUMBER	Resource capacity

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Column Descriptions (Continued)

Name	Null?	Type	Description
UTILIZATION	NULL	NUMBER	Resource utilization
EFFICIENCY	NULL	NUMBER	Resource Efficiency
USER_TIME_FENCE	NULL	NUMBER	Number of days within which planning will generate an exception message
RESOURCE_TYPE	NULL	NUMBER	Resource type
DISABLE_DATE	NULL	DATE	Date on which resource/line was disabled
AVAILABLE_24_HOURS_FLAG	NOT NULL	NUMBER	Resource is available 24 hours or by shifts
MIN_RATE	NULL	NUMBER	Hourly minimum rate of production line
MAX_RATE	NULL	NUMBER	Hourly maximum rate of production line
START_TIME	NULL	NUMBER	Start time of the line
STOP_TIME	NULL	NUMBER	Stop time of the line
CTP_FLAG	NULL	NUMBER	Flag indicating whether the department resource is used for ATP or not
REFRESH_NUMBER	NULL	NUMBER	
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
RESOURCE_COST	NULL	NUMBER	Resource cost
RESOURCE_OVER_UTIL_COST	NULL	NUMBER	Resource overutilization cost
DEPT_OVERHEAD_COST	NULL	NUMBER	Department overhead cost

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_DEPARTMENT_RESOURCES_U1	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	ORGANIZATION_ID
		20	DEPARTMENT_ID
		25	RESOURCE_ID

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MSC_DESIGNATORS

This table stores MPS and MDS schedule names defined at source applications and planning server. MPS_RELIEF indicates whether or not the Planning Manager should consume this master demand or master production schedule.

INVENTORY_ATP_FLAG indicates whether or not inventory can consider this master production schedule as a source of supply as defined by ATP rules. It will always be No for master demand schedules. This table is populated by the Define Master Schedule Names form and the Collection program.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_TRADING_PARTNERS	SR_TP_ID SR_INSTANCE_ID	ORGANIZATION_ID SR_INSTANCE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DESIGNATOR_TYPE	MRP_DESIGNATOR_TYPE_SHORT	MFG_LOOKUPS
	1	MDS
	2	MPS
	3	MRP
	4	DRP

Column Descriptions

Name	Null?	Type	Description
DESIGNATOR_ID	NOT NULL	NUMBER	Designator identifier
DESIGNATOR	NOT NULL	VARCHAR2(10)	Source application schedule name
ORGANIZATION_ID	NOT NULL	NUMBER	Source application organization identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application identifier
DESIGNATOR_TYPE	NOT NULL	NUMBER(22)	Indicate the designator type: MPS, MDS, MRP, or DRP
MPS_RELIEF	NOT NULL	NUMBER	Flag to indicate whether MPS relief performed against this designator
INVENTORY_ATP_FLAG	NOT NULL	NUMBER	ATP supply flag
DESCRIPTION	NULL	VARCHAR2(50)	Description of the this designator
DISABLE_DATE	NULL	DATE	Designator disable date
DEMAND_CLASS	NULL	VARCHAR2(34)	Demand class identifier
ORGANIZATION_SELECTION	NULL	NUMBER	Single/Multiple organizations
PRODUCTION	NULL	NUMBER	Flag for auto release
RECOMMENDATION_RELEASE	NULL	NUMBER	Planned order release flag
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
COLLECTED_FLAG	NULL	NUMBER	Flag indicating whether the row is collected from source application instance
CONSUME_FORECAST	NULL	NUMBER	Consume forecast flag
UPDATE_TYPE	NULL	NUMBER	Forecast update type code
FORWARD_UPDATE_TIME_FENCE	NULL	NUMBER	Forward consumption days
BACKWARD_UPDATE_TIME_FENCE	NULL	NUMBER	Backward consumption days
OUTLIER_UPDATE_PERCENTAGE	NULL	NUMBER	Forecast outlier update percentage
FORECAST_SET_ID	NULL	VARCHAR2(10)	Forecast set identifier
CUSTOMER_ID	NULL	NUMBER	Customer identifier
SHIP_ID	NULL	NUMBER	Forecast ship code identifier
BILL_ID	NULL	NUMBER	Forecast billing address identifier
BUCKET_TYPE	NULL	NUMBER	Forecast bucket type - days, weeks or periods

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_DESIGNATORS_U1	UNIQUE	5	DESIGNATOR_ID
MSC_DESIGNATORS_U2	UNIQUE	5	DESIGNATOR
		10	ORGANIZATION_ID
		15	SR_INSTANCE_ID

Sequences

Sequence	Derived Column
MSC_DESIGNATORS_S	DESIGNATOR_ID

MSC_EXCEPTION_DETAILS

This table stores the details of exceptions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_DEPARTMENT_RESOURCES	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	RESOURCE_ID	RESOURCE_ID
	DEPARTMENT_ID	DEPARTMENT_ID
MSC_ITEM_EXCEPTIONS	EXCEPTION_TYPE	EXCEPTION_TYPE
	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_SYSTEM_ITEMS	ORGANIZATION_ID	ORGANIZATION_ID
	PLAN_ID	PLAN_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EXCEPTION_TYPE	MRP_EXCEPTION_CODE_TYPE	MFG_LOOKUPS
	1	Items that are over-committed
	10	Past due orders
	11	Items with negative starting on hand
	12	Items with expired lot
	13	Past due sales orders
	14	Past due forecast
	15	Late supply pegged to sales order
	16	Late supply pegged to forecast
	17	Items with a shortage in a project
	18	Items with excess inventory in a project
	19	Items allocated across projects
	2	Items with a shortage
	20	Items below safety stock
	21	Resource overloaded
	22	Resource underloaded
	23	Late order due to resource shortage
	3	Items with excess inventory
	4	Items with repetitive variance
	5	Items with no activity
	6	Orders to be rescheduled in
	7	Orders to be rescheduled out
	8	Orders to be cancelled
	9	Orders with compression days

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Column Descriptions

Name	Null?	Type	Description
EXCEPTION_DETAIL_ID	NOT NULL	NUMBER	Exception detail identifier
EXCEPTION_TYPE	NOT NULL	NUMBER	Type of exception resource, material
QUANTITY	NULL	NUMBER	Exception quantity
DATE1	NULL	DATE	Generic date column
DATE2	NULL	DATE	Generic date column
DATE3	NULL	DATE	Generic date column
DATE4	NULL	DATE	Generic date column
NUMBER1	NULL	NUMBER	Generic number column
NUMBER2	NULL	NUMBER	Generic number column
NUMBER3	NULL	NUMBER	Generic number column
NUMBER4	NULL	NUMBER	Generic number column
CHAR1	NULL	VARCHAR2(80)	Generic character column
CHAR2	NULL	VARCHAR2(80)	Generic character column
PLAN_ID	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
RESOURCE_ID	NOT NULL	NUMBER	Resource identifier
DEPARTMENT_ID	NOT NULL	NUMBER	Department identifier or Line identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SUPPLIER_ID	NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_EXCEPTION_DETAILS_N1	NOT UNIQUE	5	PLAN_ID
		6	EXCEPTION_TYPE
		11	ORGANIZATION_ID
		16	SR_INSTANCE_ID
		21	INVENTORY_ITEM_ID
		31	DEPARTMENT_ID
		36	RESOURCE_ID
MSC_EXCEPTION_DETAILS_U1	UNIQUE	2	PLAN_ID
		5	EXCEPTION_DETAIL_ID

Sequences

Sequence	Derived Column
MSC_EXCEPTION_DETAILS_S	EXCEPTION_DETAIL_ID

MSC_FILES

The MSC_FILES table is used to store the list of files which are used in the generation of an MPS, MRP or DRP plan. Data in this table is updated each time a plan is run. The FILE_TYPE column contains predefined values which are used during a planning run. The FILE_NAME column contains the name of the data file which was generated during the last plan run. The ROW_COUNT and COPY_FLAG columns are used in the planning engine and the Copy Plan program.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_PLANS	PLAN_ID	PLAN_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
FILE_TYPE	NOT NULL	NUMBER	File type
FILE_NAME	NOT NULL	VARCHAR2(255)	Name of file
FILE_SIZE	NULL	NUMBER	File size
FILE_CREATION_DATE	NULL	DATE	File creation date
ROW_COUNT	NULL	NUMBER	Row count
COPY_FLAG	NULL	NUMBER	Copy flag(used in Copy Plan program)
NETCHANGE	NULL	NUMBER	Net Change
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_FILES_N1	NOT UNIQUE	2	PLAN_ID
		11	FILE_TYPE

MSC_FORM_QUERY

Generic query table for inquiry forms

Column Descriptions

Name	Null?	Type	Description
QUERY_ID	NOT NULL	NUMBER	Query 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
DATE1	NULL	DATE	Generic date column
DATE2	NULL	DATE	Generic date column
DATE3	NULL	DATE	Generic date column
DATE4	NULL	DATE	Generic date column
DATE5	NULL	DATE	Generic date column
DATE6	NULL	DATE	Generic date column
DATE7	NULL	DATE	Generic date column
DATE8	NULL	DATE	Generic date column
NUMBER1	NULL	NUMBER	Generic number column
NUMBER2	NULL	NUMBER	Generic number column
NUMBER3	NULL	NUMBER	Generic number column
NUMBER4	NULL	NUMBER	Generic number column
NUMBER5	NULL	NUMBER	Generic number column
NUMBER6	NULL	NUMBER	Generic number column
NUMBER7	NULL	NUMBER	Generic number column
NUMBER8	NULL	NUMBER	Generic number column
NUMBER9	NULL	NUMBER	Generic number column
NUMBER10	NULL	NUMBER	Generic number column
NUMBER11	NULL	NUMBER	Generic number column
NUMBER12	NULL	NUMBER	Generic number column
NUMBER13	NULL	NUMBER	Generic number column
NUMBER14	NULL	NUMBER	Generic number column
NUMBER15	NULL	NUMBER	Generic number column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
CHAR1	NULL	VARCHAR2(80)	Generic character column
CHAR2	NULL	VARCHAR2(80)	Generic character column
CHAR3	NULL	VARCHAR2(80)	Generic character column
CHAR4	NULL	VARCHAR2(80)	Generic character column
CHAR5	NULL	VARCHAR2(80)	Generic character column
CHAR6	NULL	VARCHAR2(80)	Generic character column
CHAR7	NULL	VARCHAR2(80)	Generic character column
CHAR8	NULL	VARCHAR2(80)	Generic character column
CHAR9	NULL	VARCHAR2(250)	Generic character column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
NUMBER16	NULL	NUMBER	Generic number column
CHAR10	NULL	VARCHAR2(80)	Generic character column
CHAR11	NULL	VARCHAR2(80)	Generic character column
CHAR12	NULL	VARCHAR2(80)	Generic character column
CHAR13	NULL	VARCHAR2(80)	Generic character column
CHAR14	NULL	VARCHAR2(80)	Generic character column
CHAR15	NULL	VARCHAR2(80)	Generic character column

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Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MSC_FORM_QUERY_N1	NOT UNIQUE	1 2	QUERY_ID DATE1

Sequences

<u>Sequence</u>	<u>Derived Column</u>
MSC_FORM_QUERY_S	QUERY_ID

MSC_FULL_PEGGING

This table represents the pegging from supply to demands.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_DEMANDS	DEMAND_ID PLAN_ID	DEMAND_ID PLAN_ID
MSC_FULL_PEGGING	PEGGING_ID PLAN_ID	PREV_PEGGING_ID PLAN_ID
MSC_FULL_PEGGING	PEGGING_ID PLAN_ID	END_PEGGING_ID PLAN_ID
MSC_PROJECTS	PLAN_ID SR_INSTANCE_ID ORGANIZATION_ID PROJECT_ID	PLAN_ID SR_INSTANCE_ID ORGANIZATION_ID PROJECT_ID
MSC_PROJECT_TASKS	PLAN_ID ORGANIZATION_ID SR_INSTANCE_ID PROJECT_ID TASK_ID	PLAN_ID ORGANIZATION_ID SR_INSTANCE_ID PROJECT_ID TASK_ID
MSC_SUPPLIES	TRANSACTION_ID PLAN_ID	TRANSACTION_ID PLAN_ID
MSC_SYSTEM_ITEMS	ORGANIZATION_ID PLAN_ID INVENTORY_ITEM_ID SR_INSTANCE_ID	ORGANIZATION_ID PLAN_ID INVENTORY_ITEM_ID SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PEGGING_ID	NOT NULL	NUMBER	Pegging identifier
DEMAND_QUANTITY	NULL	NUMBER	Demand quantity
SUPPLY_QUANTITY	NULL	NUMBER	Supply quantity
ALLOCATED_QUANTITY	NULL	NUMBER	Portion of supply allocated to demand
END_ITEM_USAGE	NULL	NUMBER	Usage of current item in end assembly
DEMAND_DATE	NULL	DATE	Demand date
SUPPLY_DATE	NULL	DATE	Supply date
SUPPLY_TYPE	NULL	NUMBER	Supply type identifier
END_ORIGINATION_TYPE	NULL	NUMBER	Origination type of the end demand
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
PREV_PEGGING_ID	NULL	NUMBER	Reference to previous level's pegging identifier
END_PEGGING_ID	NULL	NUMBER	Reference to end pegging node identifier
TRANSACTION_ID	NULL	NUMBER	Supply identifier
DISPOSITION_ID	NULL	NUMBER	Disposition identifier
DEMAND_ID	NULL	NUMBER	Demand identifier
PROJECT_ID	NULL	NUMBER	Project identifier
TASK_ID	NULL	NUMBER	Task identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
DEMAND_CLASS	NULL	VARCHAR2(34)	Demand class code

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Column Descriptions (Continued)

Name	Null?	Type	Description
UPDATED	NULL	NUMBER	Flag to determine whether add workday modification was applied
STATUS	NULL	NUMBER	Attribute used for online replanning
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
UNIT_NUMBER	NULL	VARCHAR2(30)	Unit number

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_FULL_PEGGING_N1	NOT UNIQUE	2	PLAN_ID
		5	PREV_PEGGING_ID
		5	PLAN_ID
		10	ORGANIZATION_ID
		15	SR_INSTANCE_ID
MSC_FULL_PEGGING_N2	NOT UNIQUE	20	DEMAND_ID
		5	PLAN_ID
		10	ORGANIZATION_ID
		15	SR_INSTANCE_ID
		20	TRANSACTION_ID
MSC_FULL_PEGGING_N3	NOT UNIQUE	2	PLAN_ID
		5	PEGGING_ID
		5	PLAN_ID
		2	PLAN_ID
		5	PEGGING_ID

Sequences

Sequence	Derived Column
MSC_FULL_PEGGING_S	PEGGING_ID

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MSC_INSTANCE_ORGS

This stores the information of the association links between each organization and MSC.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_APPS_INSTANCES	INSTANCE_ID	SR_INSTANCE_ID
MSC_TRADING_PARTNERS	SR_TP_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance 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	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ENABLED_FLAG	NOT NULL	NUMBER	Yes/No flag indicating whether the instance org is enable

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_INSTANCE_ORGS_U1	UNIQUE	5	ORGANIZATION_ID
		10	SR_INSTANCE_ID

MSC_INTERORG_SHIP_METHODS

This table stores the different shipment methods and their availability.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_TRADING_PARTNERS	SR_INSTANCE_ID	SR_INSTANCE_ID
	SR_TP_ID	FROM_ORGANIZATION_ID
MSC_TRADING_PARTNERS	SR_TP_ID	TO_ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID2

Column Descriptions

Name	Null?	Type	Description
FROM_ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier for the origin organization
TO_ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier for the destination organization
SHIP_METHOD (PK)	NOT NULL	VARCHAR2(30)	Ship method code
TIME_UOM_CODE	NULL	VARCHAR2(10)	Unit of measure used to specify the intransit lead time
DEFAULT_FLAG	NOT NULL	NUMBER	Flag to indicate if this is a default ship method
FROM_LOCATION_ID (PK)	NOT NULL	NUMBER	Location identifier of the origin location
TO_LOCATION_ID (PK)	NOT NULL	NUMBER	Location identifier of the destination location
WEIGHT_CAPACITY	NULL	NUMBER	Weight capacity of this ship method
WEIGHT_UOM	NULL	VARCHAR2(3)	Weight unit of measure
VOLUME_CAPACITY	NULL	NUMBER	Volume capacity
VOLUME_UOM	NULL	VARCHAR2(3)	Volume unit of measure
COST_PER_WEIGHT_UNIT	NULL	NUMBER	Cost per unit of weight
COST_PER_VOLUME_UNIT	NULL	NUMBER	Cost per unit of volume
FROM_LOCATION_NAME	NULL	VARCHAR2(10)	From location name
TO_LOCATION_NAME	NULL	VARCHAR2(10)	To location name
FROM_LOCATION_DESCR	NULL	VARCHAR2(80)	From location description
TO_LOCATION_DESCR	NULL	VARCHAR2(80)	To location description
INTRANSIT_TIME	NULL	NUMBER	Used to specify the numerical value for the intransit lead time of the shipment method relationship
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Instance corresponding to the source org
TRANSPORT_CAP_OVER_UTIL_COST	NULL	NUMBER	Transportation capacity overutilization cost
SR_INSTANCE_ID2 (PK)	NOT NULL	NUMBER	Instance corresponding to the destination org
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
TRANSACTION_ID	NOT NULL	NUMBER	Transaction identifier
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_INTERORG_SHIP_METHODS_N1	NOT UNIQUE	2	PLAN_ID
		5	FROM_ORGANIZATION_ID
		10	TO_ORGANIZATION_ID
		15	SHIP_METHOD
		20	SR_INSTANCE_ID
		25	SR_INSTANCE_ID2
MSC_INTERORG_SHIP_METHODS_N2	NOT UNIQUE	2	PLAN_ID
		5	SHIP_METHOD
		10	FROM_LOCATION_ID
		15	TO_LOCATION_ID
MSC_INTERORG_SHIP_METHODS_U1	UNIQUE	5	PLAN_ID
		6	FROM_ORGANIZATION_ID
		7	SR_INSTANCE_ID
		11	TO_ORGANIZATION_ID
		13	SR_INSTANCE_ID2
		17	FROM_LOCATION_ID
		22	TO_LOCATION_ID
MSC_INTERORG_SHIP_METHODS_U2	UNIQUE	27	SHIP_METHOD
		2	PLAN_ID
		5	TRANSACTION_ID

MSC_ITEMS

This table is used by the collection program to keep track of all inventory item identifiers generated at planning server.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Item identifier generated by the collection program from Staging tables to ODS.
ITEM_NAME	NOT NULL	VARCHAR2(250)	Item name
DESCRIPTION	NULL	VARCHAR2(240)	Item 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
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_ITEMS_U1	UNIQUE	5	INVENTORY_ITEM_ID
MSC_ITEMS_U2	UNIQUE	5	ITEM_NAME

Sequences

Sequence	Derived Column
MSC_ITEMS_S	INVENTORY_ITEM_ID

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MSC_ITEM_CATEGORIES

This table stores the item assignment to categories within a category set.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_CATEGORY_SETS	CATEGORY_SET_ID	CATEGORY_SET_ID
MSC_SYSTEM_ITEMS	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
CATEGORY_SET_ID (PK)	NOT NULL	NUMBER	Category set identifier
CATEGORY_NAME	NOT NULL	VARCHAR2(250)	Category set name
DESCRIPTION	NULL	VARCHAR2(240)	Category description
DISABLE_DATE	NULL	DATE	Disable date
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether segment combination includes a summary flag
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether segment is enabled
START_DATE_ACTIVE	NULL	DATE	Date segment combination becomes active
END_DATE_ACTIVE	NULL	DATE	Date segment combination becomes inactive
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
SR_CATEGORY_ID	NULL	NUMBER	Source category identifier
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_ITEM_CATEGORIES_N1	NOT UNIQUE	10	ORGANIZATION_ID
		15	CATEGORY_SET_ID
		20	SR_INSTANCE_ID
		25	SR_CATEGORY_ID
MSC_ITEM_CATEGORIES_U1	UNIQUE	2	ORGANIZATION_ID
		3	SR_INSTANCE_ID
		4	INVENTORY_ITEM_ID
		5	CATEGORY_SET_ID

MSC_ITEM_EXCEPTIONS

This table stores a row per exception message against an item.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_DEPARTMENT_RESOURCES	DEPARTMENT_ID	DEPARTMENT_ID
	RESOURCE_ID	RESOURCE_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	PLAN_ID	PLAN_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_PROJECTS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	PROJECT_ID	PROJECT_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_PROJECT_TASKS	ORGANIZATION_ID	ORGANIZATION_ID
	PLAN_ID	PLAN_ID
	PROJECT_ID	PROJECT_ID
	TASK_ID	TASK_ID
MSC_SYSTEM_ITEMS	SR_INSTANCE_ID	SR_INSTANCE_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	PLAN_ID	PLAN_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EXCEPTION_TYPE	MRP_EXCEPTION_TYPE	MFG_LOOKUPS
	1	Item is over-committed
	10	Item has past due orders
	11	Items with negative starting on hand
	12	Items with expired lot
	13	Past due sales orders
	14	Past due forecast
	15	Late supply pegged to sales order
	16	Late supply pegged to forecast
	17	Items with a shortage in a project
	18	Items with excess inventory in a project
	19	Items allocated across projects
	2	Item has a shortage
	20	Items below safety stock
	21	Resource over-utilized
	22	Resource under-utilized
	23	Late order due to resource shortage
	3	Item has excess inventory
	4	Item has repetitive variance
	5	Item has no activity
	6	Item has orders to be re-scheduled in
	7	Item has orders to be re-scheduled out

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	8	Item has orders to be cancelled
	9	Item has orders with compression days

Column Descriptions

Name	Null?	Type	Description
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source instance identifier for the source org
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
PROJECT_ID	NULL	NUMBER	Project identifier
TASK_ID	NULL	NUMBER	Task identifier
VERSION	NULL	NUMBER	Version number of the plan
PLANNING_GROUP	NULL	VARCHAR2(30)	Planning group
EXCEPTION_TYPE (PK)	NOT NULL	NUMBER	Type of exception message
DISPLAY	NULL	NUMBER	Flag to indicate whether to display this exception
EXCEPTION_COUNT	NULL	NUMBER	Number of exception (for this item)
RESOURCE_ID	NULL	NUMBER	Resource identifier
DEPARTMENT_ID	NULL	NUMBER	Department identifier
EXCEPTION_GROUP	NULL	NUMBER	Indicate item exception group
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SUPPLIER_ID	NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_ITEM_EXCEPTIONS_N1	NOT UNIQUE	2	PLAN_ID
		5	INVENTORY_ITEM_ID
		10	ORGANIZATION_ID
		15	SR_INSTANCE_ID
		20	EXCEPTION_TYPE
MSC_ITEM_EXCEPTIONS_N2	NOT UNIQUE	5	PLAN_ID
		10	EXCEPTION_TYPE
		20	ORGANIZATION_ID
		25	SR_INSTANCE_ID
		30	INVENTORY_ITEM_ID
MSC_ITEM_EXCEPTIONS_N3	NOT UNIQUE	5	PLAN_ID
		10	ORGANIZATION_ID
		15	SR_INSTANCE_ID
		20	VERSION
MSC_ITEM_EXCEPTIONS_N4	NOT UNIQUE	5	PLAN_ID
		10	ORGANIZATION_ID
		15	SR_INSTANCE_ID
		20	INVENTORY_ITEM_ID
		25	EXCEPTION_TYPE

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MSC_ITEM_ID_LID

This table is used by the collection program to maintain the correspondence between the source instances identifiers and the planning identifiers for items.

Column Descriptions

Name	Null?	Type	Description
SR_INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier from source application instance
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier generated at planning server

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_ITEM_ID_LID_N1	NOT UNIQUE	1	SR_INSTANCE_ID
		2	INVENTORY_ITEM_ID
MSC_ITEM_ID_LID_U1	UNIQUE	5	SR_INSTANCE_ID
		10	SR_INVENTORY_ITEM_ID

MSC_ITEM_SOURCING

This table stores sourcing information for an item.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_ASSIGNMENT_SETS	ASSIGNMENT_SET_ID SR_INSTANCE_ID	ASSIGNMENT_SET_ID SR_INSTANCE_ID
MSC_SOURCING_RULES	SOURCING_RULE_ID	SOURCING_RULE_ID
MSC_SR_ASSIGNMENTS	ASSIGNMENT_ID	ASSIGNMENT_ID
MSC_SYSTEM_ITEMS	ORGANIZATION_ID PLAN_ID INVENTORY_ITEM_ID SR_INSTANCE_ID	ORGANIZATION_ID PLAN_ID INVENTORY_ITEM_ID SR_INSTANCE_ID
MSC_TRADING_PARTNERS	SR_TP_ID SR_INSTANCE_ID	SOURCE_ORGANIZATION_ID SR_INSTANCE_ID
MSC_TRADING_PARTNERS	PARTNER_ID	SUPPLIER_ID
MSC_TRADING_PARTNER_SITES	PARTNER_SITE_ID	SUPPLIER_SITE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Instance Id of the destination organization
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Source organization identifier
SR_INSTANCE_ID2	NULL	NUMBER	Instance id of the source organization
SUPPLIER_ID	NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Source supplier identifier
EFFECTIVE_DATE	NULL	DATE	Effective date of this source
DISABLE_DATE	NULL	DATE	Disable date of the source
ALLOCATION_PERCENT	NULL	NUMBER	Percent allocated to the source
RANK	NULL	NUMBER	Rank of the source
SOURCE_TYPE	NULL	NUMBER	Source type
AVG_TRANSIT_LEAD_TIME	NULL	NUMBER	Intransit lead time between two organizations
CONVERSION_FACTOR	NULL	NUMBER	Conversion factor
SOURCING_RULE_ID	NULL	NUMBER	Sourcing rule or bill of distribution identifier
ASSIGNMENT_ID	NOT NULL	NUMBER	Assignment identifier
ASSIGNMENT_SET_ID	NOT NULL	NUMBER	Assignment set identifier
ASSIGNMENT_TYPE	NOT NULL	NUMBER	Sourcing assignment type
SOURCING_RULE_TYPE	NOT NULL	NUMBER	Sourcing rule type
SHIP_METHOD	NULL	VARCHAR2(30)	Ship method
HISTORICAL_ALLOC_QTY	NULL	NUMBER	Total historical allocation to supplier for item
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
MIN_TRANSFER_QTY	NULL	NUMBER	Minimum transfer quantity
MAX_TRANSFER_QTY	NULL	NUMBER	Maximum transfer quantity
TRANSFER_TYPE	NULL	NUMBER	Transfer type
TRANSFER_LOT_MULTIPLE	NULL	NUMBER	Transfer lot multiple
FIXED_TRANSFER_QTY	NULL	NUMBER	Fixed transfer quantity

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_ITEM_SOURCING_N1	NOT UNIQUE	5	PLAN_ID
		10	ORGANIZATION_ID
		15	SR_INSTANCE_ID
		20	INVENTORY_ITEM_ID
		25	SOURCE_ORGANIZATION_ID
		30	SR_INSTANCE_ID2
MSC_ITEM_SOURCING_U1	UNIQUE	5	PLAN_ID
		10	ORGANIZATION_ID
		12	SR_INSTANCE_ID
		15	INVENTORY_ITEM_ID
		20	SOURCE_ORGANIZATION_ID
		22	SR_INSTANCE_ID2
		24	SUPPLIER_ID
		28	SUPPLIER_SITE_ID
		33	EFFECTIVE_DATE

MSC_ITEM_SUPPLIERS

This table stores the processing lead time, order modifier, and delivery calendar information for each item – supplier/site.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_SYSTEM_ITEMS	PLAN_ID INVENTORY_ITEM_ID ORGANIZATION_ID SR_INSTANCE_ID	PLAN_ID INVENTORY_ITEM_ID ORGANIZATION_ID SR_INSTANCE_ID
MSC_TRADING_PARTNERS	PARTNER_ID	SUPPLIER_ID
MSC_TRADING_PARTNERS	SR_TP_ID SR_INSTANCE_ID	USING_ORGANIZATION_ID SR_INSTANCE_ID2
MSC_TRADING_PARTNER_SITES	PARTNER_SITE_ID	SUPPLIER_SITE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
SUPPLIER_ID	NOT NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
PROCESSING_LEAD_TIME	NULL	NUMBER	Processing lead time of supplier
MINIMUM_ORDER_QUANTITY	NULL	NUMBER	Minimum ordered quantity
FIXED_LOT_MULTIPLIER	NULL	NUMBER	Fixed lot multiplier
DELIVERY_CALENDAR_CODE	NULL	VARCHAR2(14)	Delivery calendar code
SUPPLIER_CAP_OVER_UTIL_COST	NULL	NUMBER	Supplier capacity overutilization cost
USING_ORGANIZATION_ID	NOT NULL	NUMBER	Using organization identifier
SR_INSTANCE_ID2	NOT NULL	NUMBER	Source instance identifier for Using Organization
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
PURCHASING_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Purchasing unit of measure

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_ITEM_SUPPLIERS_U1	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	ORGANIZATION_ID
		20	SUPPLIER_ID
		25	SUPPLIER_SITE_ID
		30	INVENTORY_ITEM_ID
		35	USING_ORGANIZATION_ID
		40	SR_INSTANCE_ID2

MSC_LOCATION_ASSOCIATIONS

This table stores location associations for organization, customer, customer sites, supplier, and supplier sites.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_TRADING_PARTNERS	PARTNER_ID	PARTNER_ID
MSC_TRADING_PARTNERS	SR_TP_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_TRADING_PARTNER_SITES	PARTNER_SITE_ID	PARTNER_SITE_ID

Column Descriptions

Name	Null?	Type	Description
LOCATION_ID	NOT NULL	NUMBER	Location identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
LOCATION_CODE	NULL	VARCHAR2(20)	Location code
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
PARTNER_ID	NULL	NUMBER	Partner identifier
PARTNER_SITE_ID	NOT NULL	NUMBER	Partner site identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_LOCATION_ASSOCIATIONS_U1	UNIQUE	5	SR_INSTANCE_ID
		10	LOCATION_ID
		15	ORGANIZATION_ID
		20	PARTNER_ID
		25	PARTNER_SITE_ID

MSC_MATERIAL_PLANS

MSC_MATERIAL_PLANS is a generic table used by forms for querying data. This table is used to display material horizontal plan information in the Planner Workbench. QUERY_ID is the query identifier used while populating the table. The QUANTITY columns contain generic data used in the PL/SQL procedure to select data.

Column Descriptions

Name	Null?	Type	Description
QUERY_ID	NOT NULL	NUMBER	Query identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
PLAN_ID	NOT NULL	NUMBER	Plan identifier
PLAN_ORGANIZATION_ID	NULL	NUMBER	Planned organization identifier
PLAN_INSTANCE_ID	NULL	NUMBER	Source application instance identifier for the planned org
ORGANIZATION_CODE	NULL	VARCHAR2(7)	Planned organization code
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ITEM_SEGMENTS	NULL	VARCHAR2(255)	Describe the inventory item
HORIZONTAL_PLAN_TYPE	NULL	NUMBER	Horizontal plan type
BUCKET_TYPE	NOT NULL	NUMBER	Bucket type
BUCKET_DATE	NOT NULL	DATE	Bucket date
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
HORIZONTAL_PLAN_TYPE_TEXT	NULL	VARCHAR2(80)	Horizontal plan type text
QUANTITY1	NULL	NUMBER	Generic quantity column
QUANTITY2	NULL	NUMBER	Generic quantity column
QUANTITY3	NULL	NUMBER	Generic quantity column
QUANTITY4	NULL	NUMBER	Generic quantity column
QUANTITY5	NULL	NUMBER	Generic quantity column
QUANTITY6	NULL	NUMBER	Generic quantity column
QUANTITY7	NULL	NUMBER	Generic quantity column
QUANTITY8	NULL	NUMBER	Generic quantity column
QUANTITY9	NULL	NUMBER	Generic quantity column
QUANTITY10	NULL	NUMBER	Generic quantity column
QUANTITY11	NULL	NUMBER	Generic quantity column
QUANTITY12	NULL	NUMBER	Generic quantity column
QUANTITY13	NULL	NUMBER	Generic quantity column
QUANTITY14	NULL	NUMBER	Generic quantity column
QUANTITY15	NULL	NUMBER	Generic quantity column
QUANTITY16	NULL	NUMBER	Generic quantity column
QUANTITY17	NULL	NUMBER	Generic quantity column
QUANTITY18	NULL	NUMBER	Generic quantity column
QUANTITY19	NULL	NUMBER	Generic quantity column
QUANTITY20	NULL	NUMBER	Generic quantity column
QUANTITY21	NULL	NUMBER	Generic quantity column
QUANTITY22	NULL	NUMBER	Generic quantity column
QUANTITY23	NULL	NUMBER	Generic quantity column
QUANTITY24	NULL	NUMBER	Generic quantity column
QUANTITY25	NULL	NUMBER	Generic quantity column

Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
QUANTITY26	NULL	NUMBER	Generic quantity column
QUANTITY27	NULL	NUMBER	Generic quantity column
QUANTITY28	NULL	NUMBER	Generic quantity column
QUANTITY29	NULL	NUMBER	Generic quantity column
QUANTITY30	NULL	NUMBER	Generic quantity column
QUANTITY31	NULL	NUMBER	Generic quantity column
QUANTITY32	NULL	NUMBER	Generic quantity column
QUANTITY33	NULL	NUMBER	Generic quantity column
QUANTITY34	NULL	NUMBER	Generic quantity column
QUANTITY35	NULL	NUMBER	Generic quantity column
QUANTITY36	NULL	NUMBER	Generic quantity column

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MSC_MATERIAL_PLANS_N1	NOT UNIQUE	1	QUERY_ID

MSC_NET_RESOURCE_AVAIL

This table stores the resource availability profile of the different resources.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_DEPARTMENT_RESOURCES	RESOURCE_ID ORGANIZATION_ID SR_INSTANCE_ID DEPARTMENT_ID PLAN_ID	RESOURCE_ID ORGANIZATION_ID SR_INSTANCE_ID DEPARTMENT_ID PLAN_ID
MSC_NET_RESOURCE_AVAIL	TRANSACTION_ID PLAN_ID	PARENT_ID PLAN_ID
MSC_SIMULATION_SETS	SIMULATION_SET ORGANIZATION_ID SR_INSTANCE_ID	SIMULATION_SET ORGANIZATION_ID SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	System generated number which uniquely identifies the row
PARENT_ID	NULL	NUMBER	Reference to parent transaction identifier
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
RESOURCE_ID	NOT NULL	NUMBER	Resource identifier
DEPARTMENT_ID	NOT NULL	NUMBER	Department identifier (-1 for lines)
SIMULATION_SET	NULL	VARCHAR2(10)	Simulation set identifier
SHIFT_NUM	NULL	NUMBER	Shift number
SHIFT_DATE	NOT NULL	DATE	Calendar date
FROM_TIME	NULL	NUMBER	Shift start time
TO_TIME	NULL	NUMBER	Shift end time
CAPACITY_UNITS	NOT NULL	NUMBER	Number of units available during the time interval
AGGREGATE_RESOURCE_ID	NULL	NUMBER	Reference to aggregate resource, if resource aggregated (denormalized column)
STATUS	NULL	NUMBER	Attribute used for online replanning
APPLIED	NULL	NUMBER	Attribute used for online replanning
UPDATED	NULL	NUMBER	Flag to determine whether add workday modification was applied
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_NET_RESOURCE_AVAIL_N1	NOT UNIQUE	5	PLAN_ID
		10	ORGANIZATION_ID
		15	SR_INSTANCE_ID
		20	APPLIED
		22	STATUS
		24	UPDATED
MSC_NET_RESOURCE_AVAIL_N2	NOT UNIQUE	5	PLAN_ID
		7	SR_INSTANCE_ID
		9	DEPARTMENT_ID
		14	ORGANIZATION_ID
		24	RESOURCE_ID
MSC_NET_RESOURCE_AVAIL_U1	UNIQUE	29	SIMULATION_SET
		2	PLAN_ID
MSC_NET_RESOURCE_AVAIL_U2	UNIQUE	5	TRANSACTION_ID
		1	PLAN_ID
		2	SR_INSTANCE_ID
		3	ORGANIZATION_ID
		4	DEPARTMENT_ID
		5	RESOURCE_ID
		6	SIMULATION_SET
		7	SHIFT_NUM
		8	SHIFT_DATE
		9	FROM_TIME
		10	TO_TIME

Sequences

Sequence	Derived Column
MSC_NET_RESOURCE_AVAIL_S	TRANSACTION_ID

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MSC_OPERATION_COMPONENTS

This table is the intersection table between MSC_BOM_COMPONENTS and MSC_ROUTING_OPERATIONS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_BOM_COMPONENTS	PLAN_ID	PLAN_ID
	COMPONENT_SEQUENCE_ID	COMPONENT_SEQUENCE_ID
	BILL_SEQUENCE_ID	BILL_SEQUENCE_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_ROUTING_OPERATIONS	PLAN_ID	PLAN_ID
	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
	ROUTING_SEQUENCE_ID	ROUTING_SEQUENCE_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
OPERATION_SEQUENCE_ID	NOT NULL	NUMBER	Operation identifier
COMPONENT_SEQUENCE_ID	NOT NULL	NUMBER	Component item identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
BILL_SEQUENCE_ID	NOT NULL	NUMBER	Build sequence identifier
ROUTING_SEQUENCE_ID	NOT NULL	NUMBER	Routing identifier
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_OPERATION_COMPONENTS_U1	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	ORGANIZATION_ID
		20	OPERATION_SEQUENCE_ID
		25	COMPONENT_SEQUENCE_ID

MSC_OPERATION_RESOURCES

This table stores operation resources from a resource sequence. For each resource sequence, we have an alternative between different set of operation resources. This is described by the Alternate Number. Resources with the same Alternate Number are simultaneous. Different Alternate Number represent alternatives between group of resources.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_OPERATION_RESOURCE_SEQS	PLAN_ID	PLAN_ID
	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
	RESOURCE_SEQ_NUM	RESOURCE_SEQ_NUM
	SR_INSTANCE_ID	SR_INSTANCE_ID
	ROUTING_SEQUENCE_ID	ROUTING_SEQUENCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
ROUTING_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Routing sequence identifier from source application instance
OPERATION_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Operation sequence identifier
RESOURCE_SEQ_NUM (PK)	NOT NULL	NUMBER	Resource sequence number
RESOURCE_ID (PK)	NOT NULL	NUMBER	Resource identifier
ALTERNATE_NUMBER (PK)	NOT NULL	NUMBER	Resources with the same number are simultaneous. Different numbers are represent alternatives between groups of resources
PRINCIPAL_FLAG	NOT NULL	NUMBER	Flag to indicate whether the resource is the principal resource
BASIS_TYPE	NOT NULL	NUMBER	Item(1), lot(2), resource units(3), resource value(4), total value(5), activity(6).
RESOURCE_USAGE	NOT NULL	NUMBER	Alternate resource volume necessary for this operation resource
MAX_RESOURCE_UNITS	NULL	NUMBER	Maximum number of resource units consumed by this operation resource
RESOURCE_UNITS	NULL	NUMBER	Operation resource units (capacity). This can be fixed by the user and used as constraint
UOM_CODE	NOT NULL	VARCHAR2(3)	Unit of measure code
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column

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Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_OPERATION_RESOURCES_U1	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		12	ROUTING_SEQUENCE_ID
		16	OPERATION_SEQUENCE_ID
		21	RESOURCE_SEQ_NUM
		26	RESOURCE_ID
		31	ALTERNATE_NUMBER

MSC_OPERATION_RESOURCE_SEQS

This tables stores the operation resources for each routing operation.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_ROUTING_OPERATIONS	PLAN_ID	PLAN_ID
	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	ROUTING_SEQUENCE_ID	ROUTING_SEQUENCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
ROUTING_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Routing sequence identifier from source application instance
OPERATION_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Operation sequence identifier
RESOURCE_SEQ_NUM (PK)	NOT NULL	NUMBER	Resource sequence number from source application instance
SCHEDULE_FLAG	NOT NULL	NUMBER	Flag to determine the possibility of overlapping of this operation resource and operation resources in other operations
RESOURCE_OFFSET_PERCENT	NULL	NUMBER	Percentage of total lead time up to the beginning of this operation resource
DEPARTMENT_ID	NULL	NUMBER	Department identifier in which the operation takes place
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_OPERATION_RESOURCE_SEQS_U1	UNIQUE	5	PLAN_ID
		7	SR_INSTANCE_ID
		9	ROUTING_SEQUENCE_ID
		13	OPERATION_SEQUENCE_ID
		18	RESOURCE_SEQ_NUM

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MSC_PARAMETERS

This table stores information about how the planning process works for a given organization. Each organization will have an entry in MSC_PARAMETERS if it is using planning.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_TRADING_PARTNERS	SR_TP_ID SR_INSTANCE_ID	ORGANIZATION_ID SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
DEMAND_TIME_FENCE_FLAG	NOT NULL	NUMBER	Flag to indicate whether to consider demand time fence
PLANNING_TIME_FENCE_FLAG	NOT NULL	NUMBER	Flag to indicate whether to consider planning time fence
OPERATION_SCHEDULE_TYPE	NOT NULL	NUMBER	Schedule planned order demand to the operation that requires it, or to the start date of the planned order?
CONSIDER_WIP	NOT NULL	NUMBER	Flag to indicate whether to consider WIP
CONSIDER_PO	NOT NULL	NUMBER	Flag to indicate whether to consider PO
SNAPSHOT_LOCK	NOT NULL	NUMBER	Flag to indicate whether the snapshot should try to lock tables
PLAN_SAFETY_STOCK	NOT NULL	NUMBER	Flag to indicate whether to plan safety stock
CONSIDER_RESERVATIONS	NOT NULL	NUMBER	lag to indicate whether to plan material reservations
PART_INCLUDE_TYPE	NOT NULL	NUMBER	lag to indicate which part to include. All Planned Items(1), MDS/MPS components only(2), MDS/MPS and WIP components only(3)
DEFAULT_ABC_ASSIGNMENT_GROUP	NULL	VARCHAR2(40)	Default ABC assignment group identifier
PERIOD_TYPE	NOT NULL	NUMBER	Calculate periods based on work dates or calendar dates
RESCHED_ASSUMPTION	NULL	NUMBER	Reschedule assumption
PLAN_DATE_DEFAULT_TYPE	NULL	NUMBER	Plan date default type
INCLUDE_REP_SUPPLY_DAYS	NULL	NUMBER	Flag to indicate whether to include Supply days
INCLUDE_MDS_DAYS	NULL	NUMBER	Flag to indicate whether to include MDS days
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REPETITIVE_HORIZON1	NULL	NUMBER(38)	First repetitive horizon
REPETITIVE_HORIZON2	NULL	NUMBER(38)	Second repetitive horizon
REPETITIVE_BUCKET_SIZE1	NULL	NUMBER(38)	First repetitive bucket
REPETITIVE_BUCKET_SIZE2	NULL	NUMBER(38)	Second repetitive bucket
REPETITIVE_BUCKET_SIZE3	NULL	NUMBER(38)	Third repetitive bucket
REPETITIVE_ANCHOR_DATE	NULL	DATE	Repetitive anchor date
COLLECTED_FLAG	NULL	NUMBER	Flag to indicate whether the row is collected from source application.

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_PARAMETERS_U1	UNIQUE	5	SR_INSTANCE_ID
		7	ORGANIZATION_ID

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MSC_PARTNER_CONTACTS

This table stores the partner contacts.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_TRADING_PARTNERS	PARTNER_ID	PARTNER_ID
MSC_TRADING_PARTNER_SITES	PARTNER_SITE_ID	PARTNER_SITE_ID

Column Descriptions

Name	Null?	Type	Description
NAME	NULL	VARCHAR2(100)	Partner's user name
DISPLAY_NAME	NULL	VARCHAR2(240)	Partner's display name
PARTNER_ID	NULL	NUMBER	Partner Identifier
PARTNER_SITE_ID	NULL	NUMBER	Partner site identifier
PARTNER_TYPE	NULL	NUMBER	Indicate type of partner, supplier, customer, or buyer
EMAIL	NULL	VARCHAR2(240)	Partner's email address
FAX	NULL	VARCHAR2(240)	Partner's FAX number
ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating contact is enabled
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_PARTNER_CONTACTS_U1	UNIQUE	1	SR_INSTANCE_ID
		2	PARTNER_TYPE
		4	PARTNER_ID
		6	PARTNER_SITE_ID

MSC_PERIOD_START_DATES

Workday calendar period start dates

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE	NOT NULL	VARCHAR2(14)	Workday calendar identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
EXCEPTION_SET_ID	NOT NULL	NUMBER	Exception set unique identifier
PERIOD_START_DATE	NOT NULL	DATE	Period start date
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
PERIOD_SEQUENCE_NUM	NULL	NUMBER	Sequence Number
PERIOD_NAME	NULL	VARCHAR2(3)	Period Name (depends on quarterly calendar type chosen)
NEXT_DATE	NOT NULL	DATE	Next calendar date corresponding to next sequence number
PRIOR_DATE	NOT NULL	DATE	Prior date corresponding to prior sequence number
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_PERIOD_START_DATES_U1	UNIQUE	1	SR_INSTANCE_ID
		2	CALENDAR_CODE
		3	EXCEPTION_SET_ID
		4	PERIOD_START_DATE

MSC_PLANNERS

This table stores and maintains a list of planner codes.

Column Descriptions

Name	Null?	Type	Description
PLANNER_CODE (PK)	NOT NULL	VARCHAR2(10)	Planner code
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance 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)	Describe the planner
DISABLE_DATE	NULL	DATE	Date on which the planner record is disable
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
ELECTRONIC_MAIL_ADDRESS	NULL	VARCHAR2(240)	Planner's Email address
EMPLOYEE_ID	NULL	NUMBER	Employee identifier
CURRENT_EMPLOYEE_FLAG	NOT NULL	NUMBER	Flag indicating whether the employee record is current
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
USER_NAME	NULL	VARCHAR2(100)	Planner's user name

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_PLANNERS_U1	UNIQUE	1	SR_INSTANCE_ID
		2	PLANNER_CODE
		4	ORGANIZATION_ID

MSC_PLANS

This table stores different plans, with their names, and settings.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_ASSIGNMENT_SETS	ASSIGNMENT_SET_ID	ASSIGNMENT_SET_ID
MSC_DESIGNATORS	ORGANIZATION_ID	ORGANIZATION_ID
	DESIGNATOR	COMPILE_DESIGNATOR
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_TRADING_PARTNERS	SR_TP_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CURR_OVERWRITE_OPTION	MRP_PLAN_OVERWRITE	MFG_LOOKUPS
	1	All
	2	Outside planning time fence
	3	None
CURR_PLAN_TYPE	MRP_PLAN_TYPE	MFG_LOOKUPS
	1	MRP
	2	MPS
	3	DRP
CURR_SCHEDULE_TYPE	MRP_SCHEDULE_TYPE	MFG_LOOKUPS
	1	MDS - master demand schedule
	2	MPS - master production schedule
OVERWRITE_OPTION	MRP_PLAN_OVERWRITE	MFG_LOOKUPS
	1	All
	2	Outside planning time fence
	3	None
PLAN_TYPE	MRP_PLAN_TYPE	MFG_LOOKUPS
	1	MRP
	2	MPS
	3	DRP
SCHEDULE_TYPE	MRP_SCHEDULE_TYPE	MFG_LOOKUPS
	1	MDS - master demand schedule
	2	MPS - master production schedule

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
COMPILE_DESIGNATOR	NOT NULL	VARCHAR2(10)	Name of the plan
SR_INSTANCE_ID	NOT NULL	NUMBER	Source instance id for the org
APPEND_PLANNED_ORDERS	NULL	NUMBER	Flag to indicate whether to create new planned orders - or just redo allocation
ASSIGNMENT_SET_ID	NULL	NUMBER	Assignment set identifier
CURR_APPEND_PLANNED_ORDERS	NOT NULL	NUMBER	Flag to indicate whether to create new planned orders - or just redo allocation
CURR_ASSIGNMENT_SET_ID	NULL	NUMBER	Current assignment set identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
CURR_BILL_OF_RESOURCES	NULL	VARCHAR2(10)	Current value of bill of resources
CURR_CONSIDER_PO	NULL	NUMBER	Current value of consider PO flag
CURR_CONSIDER_RESERVATIONS	NULL	NUMBER	Current value of consider reservations flag
CURR_CONSIDER_WIP	NULL	NUMBER	Current value of consider wip flag
CURR_CUTOFF_DATE	NOT NULL	DATE	End date of the planning horizon
CURR_DEMAND_TIME_FENCE_FLAG	NOT NULL	NUMBER	Flag to indicate whether to use the demand time fence. The Demand Time Fence is defined at the item level
CURR_HARD_PEGGING_LEVEL	NULL	NUMBER	Current value of hard pegging level
CURR_FULL_PEGGING	NULL	NUMBER	Current value of full pegging flag
CURR_INCLUDED_ITEMS	NULL	NUMBER	Complementary item to decide which item to plan. MRP(1), MRP and DRP(2), MPS(3), MRP and MPS(4), all items(5)
CURR_OPERATION_SCHEDULE_TYPE	NOT NULL	NUMBER	Lead-time offset type
CURR_OVERWRITE_OPTION	NOT NULL	NUMBER	Flag to indicate whether to overwrite existing plan. All(1), Outside planning time fence(2), None(3)
CURR_PART_INCLUDE_TYPE	NULL	NUMBER	What items to plan: all(1), MDS an MPS only(2), or MDS, MPS, and WIP components(3)
CURR_PLANNING_TIME_FENCE_FLAG	NOT NULL	NUMBER	Flag to indicate whether to use the planning time fence. The Planning Time Fence is defined at the item level
CURR_PLAN_CAPACITY_FLAG	NULL	NUMBER	Current flag to indicate whether to plan capacity requirements
CURR_PLAN_SAFETY_STOCK	NULL	NUMBER	Current value of plan safety stock flag
CURR_PLAN_TYPE	NOT NULL	NUMBER	Specify whether the plan is MRP, DRP or MPS plan
CURR_RESERVATION_LEVEL	NULL	NUMBER	Current value of reservation level
CURR_SCHEDULE_DESIGNATOR	NULL	VARCHAR2(10)	Current schedule designator code
CURR_SCHEDULE_TYPE	NULL	NUMBER	MDS(1) or MPS(2). Used for single organization. Option to schedule against only MDS or only MPS
CURR_SIMULATION_SET	NULL	VARCHAR2(10)	Current value of simulation set
CURR_SNAPSHOT_LOCK	NULL	NUMBER	Current value of the flag that determines whether the Snapshot tries to lock tables
CURR_SPLIT_DEMANDS	NULL	NUMBER	Flag to indicate whether to allow demand splitting
CURR_START_DATE	NOT NULL	DATE	Start date of the planning horizon
CUTOFF_DATE	NULL	DATE	End date of the planning horizon
DAILY_CUTOFF_BUCKET	NOT NULL	NUMBER	Daily end date of the planning horizon

Column Descriptions (Continued)

Name	Null?	Type	Description
DAILY_ITEM_AGGREGATION_LEVEL	NOT NULL	NUMBER	Daily aggregation for material in this term (should be at least as aggregated as the preceding term)
DAILY_MATERIAL_CONSTRAINTS	NOT NULL	NUMBER	Flag to indicate whether to use constraint on material availability
DAILY_RESOURCE_CONSTRAINTS	NOT NULL	NUMBER	Flag to indicate whether to use constraint on resource availability
DAILY_RES_AGGREGATION_LEVEL	NOT NULL	NUMBER	Daily aggregation for resources in this term (should be at least as aggregated as the preceding term)
DAILY_TRANS_CONSTRAINTS	NULL	NUMBER	Flag to indicate whether to use transportation constraints
DATA_COMPLETION_DATE	NULL	DATE	Data completion date
DATA_START_DATE	NULL	DATE	Data start date
DEMAND_TIME_FENCE_FLAG	NULL	NUMBER	Flag to indicate whether to use the demand time fence. The Demand Time Fence is defined at the item level
DESCRIPTION	NULL	VARCHAR2(50)	Textual description of the plan
DMD_LATENESS_PENALTY_COST	NULL	NUMBER	Demand lateness penalty cost
HARD_PEGGING_LEVEL	NULL	NUMBER	Plan level option that determines the pegging granularity of planned orders
FULL_PEGGING	NULL	NUMBER	Full pegging flag
HOURL_CUTOFF_BUCKET	NULL	NUMBER	End date of the planning horizon in hours
INCLUDED_ITEMS	NULL	NUMBER	Complementary item to decide which item to plan. MRP(1), MRP and DRP(2), MPS(3), MRP and MPS(4), all items(5)
MIN_CUTOFF_BUCKET	NULL	NUMBER	End date of the planning horizon in minutes
MONTHLY_CUTOFF_BUCKET	NULL	NUMBER	Monthly end date of the planning horizon
OBJECTIVE_WEIGHT_1	NULL	NUMBER	Weight of the first objective
OBJECTIVE_WEIGHT_10	NULL	NUMBER	Weight of the tenth objective
OBJECTIVE_WEIGHT_2	NULL	NUMBER	Weight of the second objective
OBJECTIVE_WEIGHT_3	NULL	NUMBER	Weight of the third objective
OBJECTIVE_WEIGHT_4	NULL	NUMBER	Weight of the fourth objective
OBJECTIVE_WEIGHT_5	NULL	NUMBER	Weight of the fifth objective
OBJECTIVE_WEIGHT_6	NULL	NUMBER	Weight of the sixth objective
OBJECTIVE_WEIGHT_7	NULL	NUMBER	Weight of the seventh objective
OBJECTIVE_WEIGHT_8	NULL	NUMBER	Weight of the eighth objective
OBJECTIVE_WEIGHT_9	NULL	NUMBER	Weight of the ninth objective
OPERATION_SCHEDULE_TYPE	NULL	NUMBER	Lead-time offset type
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier of the organization owning the plan
ORGANIZATION_SELECTION	NULL	NUMBER	Organization selection flag
OVERWRITE_OPTION	NULL	NUMBER	Flag to indicate whether to overwrite existing plan. All(1), Outside planning time fence(2), None(3)
PART_INCLUDE_TYPE	NULL	NUMBER	What items to plan: all(1), MDS an MPS only(2), or MDS, MPS, and WIP components(3)
PENALTY_COST_1	NULL	NUMBER	Penalty cost for objective 1

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Column Descriptions (Continued)

Name	Null?	Type	Description
PENALTY_COST_10	NULL	NUMBER	Penalty cost for objective 10
PENALTY_COST_2	NULL	NUMBER	Penalty cost for objective 2
PENALTY_COST_3	NULL	NUMBER	Penalty cost for objective 3
PENALTY_COST_4	NULL	NUMBER	Penalty cost for objective 4
PENALTY_COST_5	NULL	NUMBER	Penalty cost for objective 5
PENALTY_COST_6	NULL	NUMBER	Penalty cost for objective 6
PENALTY_COST_7	NULL	NUMBER	Penalty cost for objective 7
PENALTY_COST_8	NULL	NUMBER	Penalty cost for objective 8
PENALTY_COST_9	NULL	NUMBER	Penalty cost for objective 9
PLANNED_REFRESHES	NULL	VARCHAR2(10)	Plan refresh flag
PLANNING_TIME_FENCE_FLAG	NULL	NUMBER	Flag to indicate whether to use the planning time fence. The Planning Time Fence is defined at the item level
PLAN_CAPACITY_FLAG	NULL	NUMBER	Current flag to indicate whether to plan capacity requirements
PLAN_COMPLETION_DATE	NULL	DATE	Plan completion date
PLAN_START_DATE	NULL	DATE	Plan start date
PLAN_TYPE	NULL	NUMBER	Specify whether the plan is MRP, DRP or MPS plan
QTRLY_CUTOFF_BUCKET	NULL	NUMBER	Quarterly end date of the planning horizon
RESERVATION_LEVEL	NULL	NUMBER	Plan level option which indicates at what level MRP will reserve supply against demand
RESOURCE_OVER_UTIL_COST	NULL	NUMBER	Reour
SCHEDULE_DESIGNATOR	NULL	VARCHAR2(10)	Schedule designator
SCHEDULE_TYPE	NULL	NUMBER	MDS(1) or MPS(2). Used for single organization. Option to schedule against only MDS or only MPS
SLACK_ALLOWED_FLAG_1	NULL	NUMBER	Flag to indicate whether Slack allowed for objective 1
SLACK_ALLOWED_FLAG_10	NULL	NUMBER	Flag to indicate whether Slack allowed for objective 10
SLACK_ALLOWED_FLAG_2	NULL	NUMBER	Flag to indicate whether Slack allowed for objective 2
SLACK_ALLOWED_FLAG_3	NULL	NUMBER	Flag to indicate whether Slack allowed for objective 3
SLACK_ALLOWED_FLAG_4	NULL	NUMBER	Flag to indicate whether Slack allowed for objective 4
SLACK_ALLOWED_FLAG_5	NULL	NUMBER	Flag to indicate whether Slack allowed for objective 5
SLACK_ALLOWED_FLAG_6	NULL	NUMBER	Flag to indicate whether Slack allowed for objective 6
SLACK_ALLOWED_FLAG_7	NULL	NUMBER	Flag to indicate whether Slack allowed for objective 7
SLACK_ALLOWED_FLAG_8	NULL	NUMBER	Flag to indicate whether Slack allowed for objective 8
SLACK_ALLOWED_FLAG_9	NULL	NUMBER	Flag to indicate whether Slack allowed for objective 9
SNAPSHOT_LOCK	NULL	NUMBER	Flag to determine whether the Snapshot should try to lock tables
SPLIT_DEMANDS	NULL	NUMBER	Flag to indicate whether to allow demand splitting
START_DATE	NULL	DATE	Start date of the planning horizon

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Column Descriptions (Continued)

Name	Null?	Type	Description
SUPPLIER_CAP_OVER_UTIL_COST	NULL	NUMBER	
WEEKLY_CUTOFF_BUCKET	NOT NULL	NUMBER	Weekly end date of the planning horizon
WEEKLY_ITEM_AGGREGATION_LEVEL	NOT NULL	NUMBER	Weekly aggregation for material in this term (should be at least as aggregated as the preceding term)
WEEKLY_MATERIAL_CONSTRAINTS	NOT NULL	NUMBER	Material constraints at the weekly level
WEEKLY_RESOURCE_CONSTRAINTS	NOT NULL	NUMBER	Resource constraints at the weekly level
WEEKLY_RES_AGGREGATION_LEVEL	NOT NULL	NUMBER	Weekly aggregation for resources in this term (should be at least as aggregated as the preceding term)
WEEKLY_TRANS_CONSTRAINTS	NULL	NUMBER	Transportation constraints at the weekly level
OPTIMIZE_FLAG	NOT NULL	NUMBER	Optimize flag
SCHEDULE_FLAG	NOT NULL	NUMBER	Schedule flag
ONLINE_PLANNER_START_DATE	NULL	DATE	Online Planner start date and time
ONLINE_PLANNER_COMPLETION_DATE	NULL	DATE	Online Planner completion date and time
TRANSPORT_CAP_OVER_UTIL_COST	NULL	NUMBER	The Penalty cost for transportation capacity
BILL_OF_RESOURCES	NULL	VARCHAR2(10)	Bill of resource code
SIMULATION_SET	NULL	VARCHAR2(10)	Simulation set identifier
CONSIDER_WIP	NULL	NUMBER	Consider work in process flag
CONSIDER_PO	NULL	NUMBER	Consider purchase orders flag
PLAN_SAFETY_STOCK	NULL	NUMBER	Plan safety stock flag
CONSIDER_RESERVATIONS	NULL	NUMBER	Plan material reservations
CURR_ENFORCE_DEM_DUE_DATES	NOT NULL	NUMBER	Current value of enforce demand due dates
ENFORCE_DEM_DUE_DATES	NULL	NUMBER	Enforce demand due dates
PLANNED_RESOURCES	NULL	NUMBER	Planned resources flag
CURR_PLANNED_RESOURCES	NOT NULL	NUMBER	Current value of planned resource flag
DEM_PRIORITY_RULE_ID	NULL	NUMBER	Demand priority rule identifier
CURR_DEM_PRIORITY_RULE_ID	NULL	NUMBER	Current value of demand priority rule identifier
DAILY_RTG_AGGREGATION_LEVEL	NOT NULL	NUMBER	Daily aggregation for routings
WEEKLY_RTG_AGGREGATION_LEVEL	NOT NULL	NUMBER	Weekly aggregation for routings
PERIOD_RTG_AGGREGATION_LEVEL	NULL	NUMBER	Period aggregation for routings
PERIOD_CUTOFF_BUCKET	NOT NULL	NUMBER	Period cutoff bucket
LOT_FOR_LOT_FLAG	NULL	NUMBER	Lot for lot flag
ENFORCE_CAP_CONSTRAINTS	NULL	NUMBER	Enforce cap constraints flag
CURR_ENFORCE_CAP_CONSTRAINTS	NULL	NUMBER	Current enforce cap constraints
SERVICE_LEVEL	NULL	NUMBER	Service level
BOTTLENECK_RES_GROUP	NULL	VARCHAR2(10)	Bottleneck resource group
CURR_BOTTLENECK_RES_GROUP	NULL	VARCHAR2(10)	Current value of bottleneck resource group
PERIOD_MATERIAL_CONSTRAINTS	NOT NULL	NUMBER	Material constraints at the period level
PERIOD_RESOURCE_CONSTRAINTS	NOT NULL	NUMBER	Period aggregation for resources in this term (should be at least as aggregated as the preceding term)
PERIOD_TRANS_CONSTRAINTS	NULL	NUMBER	Transportation constraints at the period level

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Column Descriptions (Continued)

Name	Null?	Type	Description
PERIOD_ITEM_AGGREGATION_LEVEL	NOT NULL	NUMBER	Period aggregation for material in this term (should be at least as aggregated as the preceding term)
PERIOD_RES_AGGREGATION_LEVEL	NOT NULL	NUMBER	Period aggregation for resources in this term (should be at least as aggregated as the preceding term)
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LOT_FOR_LOT	NULL	NUMBER(1)	Lot for lot flag
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
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
MIN_WF_EXCEPT_ID	NULL	NUMBER	Minimum workflow exception identifier
MAX_WF_EXCEPT_ID	NULL	NUMBER	Maximum workflow exception identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_PLANS_U1	UNIQUE	5	PLAN_ID
MSC_PLANS_U2	UNIQUE	5	ORGANIZATION_ID
		10	COMPILE_DESIGNATOR
		15	SR_INSTANCE_ID

MSC_PLAN_BUCKETS

This table stores bucket dates for Planner Workbench Horizontal Plan.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_PLAN_ORGANIZATIONS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application identifier of the source organization
BUCKET_INDEX	NOT NULL	NUMBER	Used for sorting bucket dates within the plan organization
CURR_FLAG	NOT NULL	NUMBER	Flag indicating whether this record is the current record
BKT_START_DATE	NOT NULL	DATE	The start date of buckets
BKT_END_DATE	NOT NULL	DATE	The end date of buckets
DAYS_IN_BKT	NOT NULL	NUMBER	Number of Days in buckets
BUCKET_TYPE	NOT NULL	NUMBER	Specify the type of bucket date (period, weekly, daily)
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
REQUEST_ID		NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID		NUMBER	Concurrent Who column
PROGRAM_ID		NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE		DATE	Concurrent Who column
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15		VARCHAR2(150)	Descriptive flexfield segment

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Indexes

Index Name	Index Type	Sequence	Column Name
MSC_PLAN_BUCKETS_U1	UNIQUE	5	PLAN_ID
		10	ORGANIZATION_ID
		15	SR_INSTANCE_ID
		20	BUCKET_INDEX
		25	CURR_FLAG

MSC_PLAN_ORGANIZATIONS

This table stores the parameters relative to organizations that participate to the plan.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_PARAMETERS	ORGANIZATION_ID SR_INSTANCE_ID	ORGANIZATION_ID SR_INSTANCE_ID
MSC_PLANS	PLAN_ID	PLAN_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source instance identifier for the org
ORGANIZATION_CODE	NOT NULL	VARCHAR2(7)	Organization code
NET_WIP	NOT NULL	NUMBER	Flag to indicate whether to allow netting from WIP
NET_RESERVATIONS	NOT NULL	NUMBER	Flag to indicate whether to allow netting from reservations
NET_PURCHASING	NOT NULL	NUMBER	Flag to indicate whether to allow netting from purchase orders
PLAN_SAFETY_STOCK	NOT NULL	NUMBER	Flag to indicate whether to allow netting from safety stock
SIMULATION_SET	NULL	VARCHAR2(10)	Simulation set identifier
BILL_OF_RESOURCES	NULL	VARCHAR2(10)	Bill of resource name
PLAN_LEVEL	NOT NULL	NUMBER	Plan level
ORGANIZATION_DESCRIPTION	NULL	VARCHAR2(250)	Description of the organization
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_PLAN_ORGANIZATIONS_U1	UNIQUE	5	PLAN_ID
		10	ORGANIZATION_ID
		15	SR_INSTANCE_ID

MSC_PLAN_PARTITIONS

The table stores partition information for plans.

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
PLAN_NAME	NOT NULL	VARCHAR2(10)	Plan name
FREE_FLAG	NOT NULL	NUMBER	Flag indicating whether the partition is free or not
PARTITION_NUMBER	NOT NULL	NUMBER	Partition number
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_PLAN_PARTITIONS_U1	UNIQUE	5	PARTITION_NUMBER
MSC_PLAN_PARTITIONS_U2	UNIQUE	5	PLAN_NAME

MSC_PLAN_REFRESHES

This table used by collection program to keep track of the refresh numbers for each plan.

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
REFRESH_NUMBER	NOT NULL	NUMBER	Refresh number
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_PLAN_REFRESHES_U1	UNIQUE	5	PLAN_ID
		7	SR_INSTANCE_ID

MSC_PLAN_SCHEDULES

This table stores master production schedules and master demand schedules for the planning process in an organization.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_DESIGNATORS	DESIGNATOR_ID	INPUT_SCHEDULE_ID
MSC_PLAN_ORGANIZATIONS	ORGANIZATION_ID	ORGANIZATION_ID
	PLAN_ID	PLAN_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INPUT_SCHEDULE_ID	NOT NULL	NUMBER	Input schedule identifier
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
INPUT_TYPE	NOT NULL	NUMBER	Schedule type. MDS or MPS
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
DESIGNATOR_TYPE	NOT NULL	NUMBER	Designator type
INTERPLANT_DEMAND_FLAG	NULL	NUMBER	Interplant demand flag

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_PLAN_SCHEDULES_U1	UNIQUE	5	PLAN_ID
		10	ORGANIZATION_ID
		15	SR_INSTANCE_ID
		20	INPUT_SCHEDULE_ID

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MSC_PO_REQUISITIONS_INTERFACE

MSC_PO_REQUISITIONS_INTERFACE contains requisition information from ORACLE MSC application. Each row includes all the information necessary to create approved or unapproved requisitions in Oracle Purchasing. The Oracle Purchasing Requisition Import feature uses this information to create new requisition headers, lines and distributions. You use the Submit Request window to launch the Requisition Import program for any set of rows. You identify the set of rows you want to import by setting the INTERFACE_SOURCE_CODE and BATCH_ID columns appropriately in the interface table. The Requisition Import program validates your data, derives or defaults additional information and writes an error message for every validation that fails into the PO_INTERFACE_ERRORS table. Then the program groups and numbers requisition lines according to the criteria you specify in the GROUP_CODE and REQ_NUMBER_SEGMENT1 columns, and creates new requisitions. Most of the columns in the PO_REQUISITIONS_INTERFACE_ALL table are identical to the corresponding columns in the PO_REQUISITIONS_HEADERS_ALL, PO_REQUISITION_LINES_ALL and PO_REQ_DISTRIBUTIONS_ALL tables. You can additionally enter reference information in the INTERFACE_SOURCE_LINE_ID column.

Column Descriptions

Name	Null?	Type	Description
PROJECT_ACCOUNTING_CONTEXT	NULL	VARCHAR2(30)	Project accounting descriptive flexfield context column
PROJECT_ID	NULL	NUMBER	Project identifier
TASK_ID	NULL	NUMBER	Task identifier
NEED_BY_DATE	NULL	DATE	Date the requisition is needed internally
ITEM_ID	NULL	NUMBER	Item identifier
ITEM_REVISION	NULL	VARCHAR2(3)	Item name
CHARGE_ACCOUNT_ID	NULL	NUMBER	Charge account identifier
AUTHORIZATION_STATUS	NULL	VARCHAR2(25)	Authorization status type
BATCH_ID	NULL	NUMBER	Import batch identifier
GROUP_CODE	NULL	VARCHAR2(30)	Import group code
PREPARER_ID	NULL	NUMBER(9)	Preparer identifier
AUTOSOURCE_FLAG	NULL	VARCHAR2(1)	Flag indicates whether autosourcing
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Source organization identifier
DESTINATION_ORGANIZATION_ID	NULL	NUMBER	Destination organization identifier
DELIVER_TO_LOCATION_ID	NULL	NUMBER	Deliver-to-location unique identifier
DELIVER_TO_REQUESTOR_ID	NULL	NUMBER(9)	Requestor unique identifier
SUGGESTED_VENDOR_ID	NULL	NUMBER	Suggested supplier unique identifier
SUGGESTED_VENDOR_SITE_ID	NULL	NUMBER	Suggested supplier site unique identifier
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column

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Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
CREATION_DATE	NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
INTERFACE_SOURCE_CODE	NULL	VARCHAR2(25)	Interface transaction source
SOURCE_TYPE_CODE	NULL	VARCHAR2(25)	Requisition source
DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	Requisition destination type
QUANTITY	NULL	NUMBER	Quantity ordered
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code
LINE_TYPE_ID	NULL	NUMBER	Line type identifier
ORG_ID	NULL	NUMBER	Organization identifier
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	End item unit number
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

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MSC_PO_RESCHEDULE_INTERFACE

MSC_PO_RESCHEDULE_INTERFACE temporarily stores quantity or need-by date changes to requisition lines suggested by Oracle MSC. Each row includes the requisition line identifier, the new quantity, and the new need-by date for the requisition line. You run the Requisition Reschedule program to implement the changes. Oracle Purchasing uses PROCESS_ID to designate all rows updated by a single run of the Requisition Reschedule process.

Column Descriptions

Name	Null?	Type	Description
LINE_ID	NULL	NUMBER	Unique identifier for the requisition line
QUANTITY	NULL	NUMBER	New quantity for the requisition line
NEED_BY_DATE	NULL	DATE	New need-by date for the requisition line
PROCESS_ID	NULL	NUMBER	Process identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
CREATION_DATE	NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who Column
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier

MSC_PROCESS_EFFECTIVITY

This table stores links between the bill of material and routings and store effectivities for this process.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_BOMS	PLAN_ID	PLAN_ID
	BILL_SEQUENCE_ID	BILL_SEQUENCE_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_ROUTINGS	PLAN_ID	PLAN_ID
	ROUTING_SEQUENCE_ID	ROUTING_SEQUENCE_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_SYSTEM_ITEMS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
PROCESS_SEQUENCE_ID	NOT NULL	NUMBER	Process sequence identifier
ITEM_ID	NOT NULL	NUMBER	Item identifier of the product/co-product
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
EFFECTIVITY_DATE	NOT NULL	DATE	Effectivity date of the process
DISABLE_DATE	NULL	DATE	Disable date of the process
MINIMUM_QUANTITY	NULL	NUMBER	Minimum quantity for which the process can be used to produce the item, expressed in primary UOM
MAXIMUM_QUANTITY	NULL	NUMBER	Maximum quantity for which the process can be used to produce the item, expressed in primary UOM
PREFERENCE	NULL	NUMBER	Preference
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing sequence identifier from source application
BILL_SEQUENCE_ID	NULL	NUMBER	BOM identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
TOTAL_PRODUCT_CYCLE_TIME	NULL	NUMBER	Total time that an assembly takes along the primary path in the operation network calculated by flow manufacturing
ITEM_PROCESS_COST	NULL	NUMBER	Cost of alternate BOM and routing
LINE_ID	NULL	NUMBER	Line unique identifier
PRIMARY_LINE_FLAG	NULL	NUMBER	Flag indicating whether the line is used for lead time calculations
PRODUCTION_LINE_RATE	NULL	NUMBER	Number of assemblies which run down the line per hour
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	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
LOAD_DISTRIBUTION_PRIORITY	NULL	NUMBER	Load distribution priority

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_PROCESS_EFFECTIVITY_U1	UNIQUE	5	PLAN_ID
		10	PROCESS_SEQUENCE_ID
MSC_PROCESS_EFFECTIVITY_U2	UNIQUE	5	PLAN_ID
		7	SR_INSTANCE_ID
		9	ITEM_ID
		11	ORGANIZATION_ID
		15	BILL_SEQUENCE_ID
		20	ROUTING_SEQUENCE_ID
		25	LINE_ID
		30	EFFECTIVITY_DATE
		32	DISABLE_DATE

Sequences

Sequence	Derived Column
MSC_PROCESS_EFFECTIVITY_S	PROCESS_SEQUENCE_ID

MSC_PROJECTS

This table stores the manufacturing parameters for a given project and organization.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_PLAN_ORGANIZATIONS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER	Project identifier or Seiban identifier
PLAN_ID	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
PLANNING_GROUP	NULL	VARCHAR2(30)	Planning group assigned to this project
COSTING_GROUP_ID	NULL	NUMBER	Costing group assigned to this project
WIP_ACCT_CLASS_CODE	NULL	VARCHAR2(10)	Default WIP accounting class assigned to this project
SEIBAN_NUMBER_FLAG	NOT NULL	NUMBER	Flag to indicate whether project_id identifies a project or a seiban
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Project name
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Project number
PROJECT_NUMBER_SORT_ORDER	NULL	VARCHAR2(25)	Sort order
PROJECT_DESCRIPTION	NULL	VARCHAR2(250)	Project description
START_DATE	NULL	DATE	Start date
COMPLETION_DATE	NULL	DATE	Completion date
OPERATING_UNIT	NULL	NUMBER	Operating unit
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
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
MATERIAL_ACCOUNT	NULL	NUMBER	Material account
MANAGER_CONTACT	NULL	VARCHAR2(100)	Manager contact

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MSC_PROJECTS_U1	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	ORGANIZATION_ID
		20	PROJECT_ID

MSC_PROJECT_TASKS

This table stores the tasks manufacturing parameters.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_PROJECTS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	PROJECT_ID	PROJECT_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER	Project identifier
TASK_ID	NOT NULL	NUMBER	Task identifier
PLAN_ID	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Task number
TASK_NAME	NOT NULL	VARCHAR2(20)	Task name
DESCRIPTION	NULL	VARCHAR2(250)	Task description
MANAGER	NULL	VARCHAR2(240)	Manager of the task
START_DATE	NULL	DATE	Effective date of the task
END_DATE	NULL	DATE	Disable date of the task
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
MANAGER_CONTACT	NULL	VARCHAR2(100)	Manager contact

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_PROJECT_TASKS_U1	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	ORGANIZATION_ID
		20	PROJECT_ID
		25	TASK_ID

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MSC_QUESTIONS_B

This table stores the seeded and user defined questions for Ask Oracle. The associated MSC_QUESTIONS_TL table contains the translated questions by language.

Column Descriptions

Name	Null?	Type	Description
QUESTION_ID	NOT NULL	NUMBER	Unique identifier for the row
ANSWER_ID	NULL	NUMBER	Answer unique identifier
QUESTION_CODE	NULL	VARCHAR2(25)	Question code
QUESTION_TYPE	NOT NULL	VARCHAR2(10)	Question type
PACKAGE_NAME	NULL	VARCHAR2(50)	Package name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_QUESTIONS_B_U1	UNIQUE	1	QUESTION_ID

Sequences

Sequence	Derived Column
MSC_QUESTIONS_S	QUESTION_ID

MSC_QUESTIONS_TL

This table contains the translated questions for Ask Oracle

Column Descriptions

Name	Null?	Type	Description
QUESTION_ID	NOT NULL	NUMBER	Unique identifier assigned to the row in MSC_QUESTIONS_B
LANGUAGE	NOT NULL	VARCHAR2(30)	Language of the question
USER_QUESTION_NAME	NOT NULL	VARCHAR2(2000)	User questions
DESCRIPTION	NULL	VARCHAR2(240)	Describe the question
SOURCE_LANG	NULL	VARCHAR2(4)	Source language for the question
TRANSLATED	NULL	VARCHAR2(1)	Flag indicating whether the question is translated
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_QUESTIONS_TL_U1	UNIQUE	1	QUESTION_ID
		2	LANGUAGE

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MSC_REPETITIVE_PERIODS

MSC_REPETITIVE_PERIODS stores the start dates for the repetitive planning periods that are used by the planning process when planning repetitive items. Each entry represents the start date for a repetitive period in a given organization. The size of the planning periods are determined by the horizon and bucket size columns, also found in MSC_PARAMETERS. This table is populated by the Maintain Repetitive Planning Periods concurrent program, which is launched by the Define Planning Parameters and Launch Planning Processes.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_PARAMETERS	ORGANIZATION_ID SR_INSTANCE_ID	ORGANIZATION_ID SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PERIOD_START_DATE (PK)	NOT NULL	DATE	Period start date
ORGANIZATION_ID (PK)	NOT NULL	NUMBER(38)	Organization identifier
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER(38)	Source application instance identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(38)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(38)	Standard Who column
LAST_UPDATE_LOGIN	NUL	NUMBER(38)	Standard Who column
REQUEST_ID	NUL	NUMBER(38)	Concurrent Who Column
PROGRAM_APPLICATION_ID	NUL	NUMBER(38)	Concurrent Who Column
PROGRAM_ID	NUL	NUMBER(38)	Concurrent Who Column
PROGRAM_UPDATE_DATE	NUL	DATE	Concurrent Who Column

MSC_RESERVATIONS

MSC_RESERVATIONS stores information regarding material reservations from the inventory system. Each row represents a portion of inventory that is reserved for a demand. A reservation may be against an inventory. If the reservation is against a nonnettable subinventory, the NONNET_QUANTITY_RESERVED column holds the quantity. If the reservation is against a nettable subinventory or no subinventory is specified, the reservation quantity is stored in RESERVED_QUANTITY. Note that the sum of RESERVED_QUANTITY cannot exceed the nettable subinventories for a part. This could happen if the planner manually sets subinventories to be non-reserved during the planning process. The NONNET_QUANTITY_RESERVED will then store the quantity in excess of the sum of the nettable reserved quantities. MSC_RESERVATIONS is populated during the Snapshot and used by the Planner. It is derived from MTL_DEMAND from source application instance.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_SUB_INVENTORIES	ORGANIZATION_ID	ORGANIZATION_ID
	SUB_INVENTORY_CODE	SUBINVENTORY
	SR_INSTANCE_ID	SR_INSTANCE_ID
	PLAN_ID	PLAN_ID
MSC_SYSTEM_ITEMS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Unique identifier generated from the source application instance
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
RESERVATION_DATE	NOT NULL	DATE	Effectivity date of reservation
REQUIREMENT_DATE	NOT NULL	DATE	Date of need
RESERVED_QUANTITY	NOT NULL	NUMBER	Quantity reserved
NONNET_QUANTITY_RESERVED	NOT NULL	NUMBER	Quantity reserved allocated to nonnettable inventory
DISPOSITION_TYPE	NOT NULL	NUMBER	Disposition type
DISPOSITION_ID	NOT NULL	NUMBER	Disposition identifier
PARENT_DEMAND_ID	NULL	NUMBER	Parent demand identifier
SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory identifier
DEMAND_CLASS	NULL	VARCHAR2(34)	Demand class
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
PLANNING_GROUP	NULL	VARCHAR2(30)	Planning group

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Column Descriptions (Continued)

Name	Null?	Type	Description
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_RESERVATIONS_N2	NOT UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	ORGANIZATION_ID
		20	INVENTORY_ITEM_ID
		25	DISPOSITION_TYPE
MSC_RESERVATIONS_U1	UNIQUE	5	PLAN_ID
		6	TRANSACTION_ID
		8	SR_INSTANCE_ID
		10	ORGANIZATION_ID

MSC_RESOURCE_CHANGES

MSC_RESOURCE_CHANGES stores information about capacity modifications for a resource on a shift in a department. This table is a child of MSC_RESOURCE_SHIFTS. You can define multiple resource changes for a shift.

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID	NOT NULL	NUMBER	Department unique identifier
RESOURCE_ID	NOT NULL	NUMBER	Resource unique identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
SHIFT_NUM	NOT NULL	NUMBER	Shift number
FROM_DATE	NOT NULL	DATE	Capacity exception from date
TO_DATE		DATE	Capacity exception to date
FROM_TIME		NUMBER	Capacity exception from time
TO_TIME		NUMBER	Capacity exception to time
CAPACITY_CHANGE		NUMBER	Capacity change
SIMULATION_SET	NOT NULL	VARCHAR2(10)	Simulation set identifier
REFRESH_NUMBER		NUMBER	Refresh number populated by the collection program
ACTION_TYPE	NOT NULL	NUMBER	Type of capacity modification
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT 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 defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15		VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID		NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID		NUMBER	Concurrent Who column
PROGRAM_ID		NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE		DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_RESOURCE_CHANGES_U1	UNIQUE	1	SR_INSTANCE_ID
		2	SIMULATION_SET
		3	ACTION_TYPE
		4	DEPARTMENT_ID
		5	RESOURCE_ID
		6	SHIFT_NUM
		7	FROM_DATE
		8	TO_DATE
		9	FROM_TIME
		10	TO_TIME

MSC_RESOURCE_GROUPS

This table stores different resource groups.

Column Descriptions

Name	Null?	Type	Description
GROUP_CODE	NOT NULL	VARCHAR2(30)	Resource group code
MEANING	NOT NULL	VARCHAR2(80)	Meaning of the resource group
DESCRIPTION	NULL	VARCHAR2(250)	Description of the resource group
FROM_DATE	NULL	DATE	Date of effectivity
TO_DATE	NULL	DATE	Date of end of effectivity
ENABLED_FLAG	NOT NULL	NUMBER	Flag to indicate whether the resource group is enabled
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_RESOURCE_GROUPS_U1	UNIQUE	5 7	SR_INSTANCE_ID GROUP_CODE

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MSC_RESOURCE_REQUIREMENTS

This table stores the resource requirements generated by existing supplies.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_DEPARTMENT_RESOURCES	PLAN_ID	PLAN_ID
	RESOURCE_ID	RESOURCE_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_OPERATION_RESOURCES	PLAN_ID	PLAN_ID
	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
	RESOURCE_SEQ_NUM	RESOURCE_SEQ_NUM
	RESOURCE_ID	RESOURCE_ID
	ALTERNATE_NUMBER	ALTERNATE_NUM
	ROUTING_SEQUENCE_ID	ROUTING_SEQUENCE_ID
MSC_OPERATION_RESOURCE_SEQS	SR_INSTANCE_ID	SR_INSTANCE_ID
	PLAN_ID	PLAN_ID
	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
	RESOURCE_SEQ_NUM	RESOURCE_SEQ_NUM
MSC_RESOURCE_REQUIREMENTS	ROUTING_SEQUENCE_ID	ROUTING_SEQUENCE_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	TRANSACTION_ID	PARENT_ID
	PLAN_ID	PLAN_ID
MSC_ROUTINGS	PLAN_ID	PLAN_ID
	ROUTING_SEQUENCE_ID	ROUTING_SEQUENCE_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_SUPPLIES	TRANSACTION_ID	SUPPLY_ID
	PLAN_ID	PLAN_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID	NOT NULL	NUMBER	Resource requirement identifier
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
SUPPLY_ID	NOT NULL	NUMBER	Supplier identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source instance identifier for the source org
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing identifier used
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation sequence identifier which generating the requirement
RESOURCE_SEQ_NUM	NOT NULL	NUMBER	Identifier of the planned resource requirement
RESOURCE_ID	NOT NULL	NUMBER	Resource identifier
DEPARTMENT_ID	NULL	NUMBER	Department identifier
ALTERNATE_NUM	NULL	NUMBER	Alternate number of the corresponding operation resource
START_DATE	NOT NULL	DATE	Start date of the resource requirement
END_DATE	NULL	DATE	End date of the resource requirement
BKT_START_DATE	NULL	NUMBER	Bucketed start date
RESOURCE_HOURS	NOT NULL	NUMBER	Resource hours required
SET_UP	NULL	NUMBER	Setup time
BKT_END_DATE	NULL	NUMBER	Bucketed end date
TEAR_DOWN	NULL	NUMBER	Tear down time

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Column Descriptions (Continued)

Name	Null?	Type	Description
AGGREGATE_RESOURCE_ID	NULL	NUMBER	Reference to aggregate resource, if resource aggregated (denormalized column)
SCHEDULE_FLAG	NULL	NUMBER	Schedule flag
PARENT_ID	NULL	NUMBER	Referent to parent transaction identifier
STD_OP_CODE	NULL	VARCHAR2(4)	Standard op code
WIP_ENTITY_ID	NULL	NUMBER	Wip entity identifier for DJ resource requirements
ASSIGNED_UNITS	NOT NULL	NUMBER	Assigned units
BASIS_TYPE	NULL	NUMBER	Basis type
OPERATION_SEQ_NUM	NULL	NUMBER	Operation seq Number
LOAD_RATE	NULL	NUMBER	Load rate
DAILY_RESOURCE_HOURS	NULL	NUMBER	Daily resource hours needed for repetitive schedules
STATUS	NULL	NUMBER	Attribute used for online replanning
APPLIED	NULL	NUMBER	Attribute used for online replanning
UPDATED	NULL	NUMBER	Flag to determine whether add workday modification was applied
SUBST_RES_FLAG	NULL	NUMBER	Flag indicating whether resource is substitute resource
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
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
SOURCE_ITEM_ID	NULL	NUMBER(38)	Source inventory item unique identifier
ASSEMBLY_ITEM_ID	NULL	NUMBER(38)	Assembly item unique identifier
SUPPLY_TYPE	NULL	NUMBER(38)	Supply type code

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_RESOURCE_REQUIREMENTS_N1	NOT UNIQUE	10	PLAN_ID
		15	SR_INSTANCE_ID
		20	ORGANIZATION_ID
		25	APPLIED
		27	STATUS
		29	UPDATED
MSC_RESOURCE_REQUIREMENTS_N2	NOT UNIQUE	1	PLAN_ID
		2	SR_INSTANCE_ID
		4	ORGANIZATION_ID
		6	DEPARTMENT_ID
		8	RESOURCE_ID
MSC_RESOURCE_REQUIREMENTS_U1	UNIQUE	2	PLAN_ID
		5	TRANSACTION_ID

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Sequences

Sequence	Derived Column
MSC_RESOURCE_REQUIREMENTS_S	TRANSACTION_ID

MSC_RESOURCE_SHIFTS

MSC_RESOURCE_SHIFTS stores information about shifts that you assign to resources. This table is a child of MSC_DEPARTMENT_RESOURCES. You can assign multiple shifts to a resource in a department if the resource is not a 24 hour resource.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_DEPARTMENT_RESOURCES	RESOURCE_ID	RESOURCE_ID
	DEPARTMENT_ID	DEPARTMENT_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID	NOT NULL	NUMBER	Department unique identifier
RESOURCE_ID	NOT NULL	NUMBER	Resource unique identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
SHIFT_NUM	NOT NULL	NUMBER	Shift number
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_RESOURCE_SHIFTS_U1	UNIQUE	1	SR_INSTANCE_ID
		2	DEPARTMENT_ID
		3	RESOURCE_ID
		4	SHIFT_NUM

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MSC_ROUTINGS

This table stores the different routings available for a bill of material.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_PROJECTS	ORGANIZATION_ID	ORGANIZATION_ID
	PLAN_ID	PLAN_ID
	PROJECT_ID	PROJECT_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_PROJECT_TASKS	ORGANIZATION_ID	ORGANIZATION_ID
	PLAN_ID	PLAN_ID
	PROJECT_ID	PROJECT_ID
	TASK_ID	TASK_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_SYSTEM_ITEMS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	ASSEMBLY_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
ROUTING_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Source application operational routing sequence identifier
ROUTING_TYPE	NOT NULL	NUMBER	Manufacturing(1), or Engineering(2). For UI and reports
ROUTING_COMMENT	NULL	VARCHAR2(240)	Comments. Used for UI and reports
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Name of the alternate routing. Null for primary routing
PROJECT_ID	NULL	NUMBER	Project identifier for project manufacturing
TASK_ID	NULL	NUMBER	Task identifier for project manufacturing
LINE_ID	NULL	NUMBER	For flow manufacturing. A routing is actually a line (not used for now)
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure
CFM_ROUTING_FLAG	NULL	NUMBER	Flag to indicate whether the routing is continuous flow or traditional routing
CTP_FLAG	NULL	NUMBER	Flag to indicate whether capacity must be checked when item is ordered
ASSEMBLY_ITEM_ID	NOT NULL	NUMBER	Assembly item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
ROUTING_QUANTITY	NULL	NUMBER	Routing quantity
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column

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Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_ROUTINGS_U1	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	ROUTING_SEQUENCE_ID

MSC_ROUTING_OPERATIONS

This tables stores the operations composing each routing.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_ROUTINGS	SR_INSTANCE_ID ROUTING_SEQUENCE_ID PLAN_ID	SR_INSTANCE_ID ROUTING_SEQUENCE_ID PLAN_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
OPERATION_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Operation sequence identifier
ROUTING_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Routing identifier
OPERATION_SEQ_NUM	NOT NULL	NUMBER	Operation sequence number
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
OPERATION_DESCRIPTION	NULL	VARCHAR2(240)	Operation description (use for UI and reports)
EFFECTIVITY_DATE	NOT NULL	DATE	Date operation is effective
DISABLE_DATE	NULL	DATE	End of effectivity
FROM_UNIT_NUMBER	NULL	VARCHAR2(30)	Effective from this unit number
TO_UNIT_NUMBER	NULL	VARCHAR2(30)	Effective up to this unit number
OPTION_DEPENDENT_FLAG	NOT NULL	NUMBER	Flag to indicate whether this operation option dependent
OPERATION_TYPE	NULL	NUMBER	Indicate operation type: Process, Line, or Event. Events are not used here
MINIMUM_TRANSFER_QUANTITY	NULL	NUMBER	Minimum operation transfer quantity
YIELD	NULL	NUMBER	Process yield at this operation
DEPARTMENT_ID	NOT NULL	NUMBER	Department identifier (source application identifier) in which the operation takes place
DEPARTMENT_CODE	NULL	VARCHAR2(10)	Department code (for reporting)
OPERATION_LEAD_TIME_PERCENT	NULL	NUMBER	Indicates the amount of overlap its lead time has with the parent lead time
CUMULATIVE_YIELD	NULL	NUMBER	Cumulative process yield from the beginning of routing to this operation
REVERSE_CUMULATIVE_YIELD	NULL	NUMBER	Cumulative process yield from the end of routing to comparable operation
NET_PLANNING_PERCENT	NULL	NUMBER	Cumulative planning percents derived from the operation network
SETUP_DURATION	NULL	NUMBER	Duration of the set-up
TEAR_DOWN_DURATION	NULL	NUMBER	Duration of the tear down for this operation
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure
STANDARD_OPERATION_CODE	NULL	VARCHAR2(4)	Code of the standard operation on which this operation is based. Operations having the same code are identical
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program

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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
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_ROUTING_OPERATIONS_U1	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	ROUTING_SEQUENCE_ID
		17	OPERATION_SEQUENCE_ID

MSC_SAFETY_STOCKS

MSC_SAFETY_STOCKS stores the time-phased safety stock levels for an item. Each row represents the start date for a safety stock level. This table is populated by the Snapshot and used by the Planner.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_SYSTEM_ITEMS	ORGANIZATION_ID	ORGANIZATION_ID
	PLAN_ID	PLAN_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
PERIOD_START_DATE	NOT NULL	DATE	Period start date
SAFETY_STOCK_QUANTITY	NOT NULL	NUMBER	Safety stock quantity
UPDATED	NULL	NUMBER	Updated flag
STATUS	NULL	NUMBER	Status flag
REFRESH_NUMBER	NULL	NUMBER	Refresh number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SAFETY_STOCKS_U1	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	ORGANIZATION_ID
		20	INVENTORY_ITEM_ID
		25	PERIOD_START_DATE

MSC_SALES_ORDERS

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

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_SALES_ORDERS	DEMAND_ID	PARENT_DEMAND_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_SYSTEM_ITEMS	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
DEMAND_ID	NOT NULL	NUMBER	Unique identifier of a demand row from source application instance
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
DEMAND_SOURCE_TYPE	NOT NULL	NUMBER	Code to indicate the source of the demand
DEMAND_SOURCE_HEADER_ID	NOT NULL	NUMBER	Header ID for the source of the demand.
DEMAND_SOURCE_LINE	NULL	VARCHAR2(30)	Line id of demand source. For Sales Order demand this is: SO_LINES.LINE_ID from source application instance.
DEMAND_SOURCE_DELIVERY	NULL	VARCHAR2(30)	For Sales Order demand, Line id of Sales order line detail row (SO_LINE_DETAILS.LINE_DETAIL_ID) from source application instance.
DEMAND_SOURCE_NAME	NULL	VARCHAR2(30)	Identifier for user-defined Source Type
PRIMARY_UOM_QUANTITY	NOT NULL	NUMBER	Demanded or reserved quantity expressed in the item's primary unit of measure
RESERVATION_TYPE	NULL	NUMBER	Code for type of reservation
RESERVATION_QUANTITY	NULL	NUMBER	Total quantity reserved expressed in primary unit of measure. Only populated for summary and derived demand rows.
COMPLETED_QUANTITY	NOT NULL	NUMBER	Shipped quantity in primary unit of measure code.
REQUIREMENT_DATE	NOT NULL	DATE	Planned ship date for summary demand. Parent planned ship date - ATP_LEAD_TIME for derived demand
SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory demanded or reserved, can be populated for summary demand

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Column Descriptions (Continued)

Name	Null?	Type	Description
DEMAND_CLASS	NULL	VARCHAR2(34)	Demand class code (containing sr_instance_code ':' demand class code from source application instance)
PARENT_DEMAND_ID	NULL	NUMBER	Parent demand identifier
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SALES_ORDER_NUMBER	NULL	VARCHAR2(122)	Sales order number
SALESREP_CONTACT	NULL	VARCHAR2(100)	Salesrep contact
ORDERED_ITEM_ID	NULL	NUMBER	Ordered item identifier
AVAILABLE_TO_MRP	NULL	VARCHAR2(1)	Available to MRP flag
CUSTOMER_ID	NULL	NUMBER	Customer identifier
SHIP_TO_SITE_USE_ID	NULL	NUMBER	Ship to identifier of the sales order
BILL_TO_SITE_USE_ID	NULL	NUMBER	Bill to identifier of the sales order
LINE_NUM	NULL	NUMBER	Sales order line number
TERRITORY_ID	NULL	NUMBER	Territory identifier of the sales order
UPDATE_SEQ_NUM	NULL	NUMBER	Update sequence number
DEMAND_TYPE	NULL	NUMBER	Demand type
PROJECT_ID	NULL	NUMBER	Project identifier
TASK_ID	NULL	NUMBER	Task identifier
PLANNING_GROUP	NULL	VARCHAR2(30)	Planning group
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Unit number identifier
DEMAND_PRIORITY	NULL	NUMBER	Demand priority

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SALES_ORDERS_N1	NOT UNIQUE	5	SR_INSTANCE_ID
		10	INVENTORY_ITEM_ID
		15	ORGANIZATION_ID
		20	DEMAND_SOURCE_TYPE
		25	DEMAND_SOURCE_HEADER_ID
MSC_SALES_ORDERS_N2	NOT UNIQUE	1	SR_INSTANCE_ID
		2	DEMAND_ID
		4	RESERVATION_TYPE

MSC_SCHEDULING_RULES

This table stores the scheduling rules used to schedule lines.

Column Descriptions

Name	Null?	Type	Description
RULE_ID	NOT NULL	NUMBER	Scheduling rule identifier
MEANING	NOT NULL	VARCHAR2(40)	Scheduling rule code
DESCRIPTION	NULL	VARCHAR2(150)	Description of the scheduling rule
USER_DEFINED	NULL	NUMBER	Flag to indicate if the row is user defined or seeded by Oracle
PACKAGE_NAME	NULL	VARCHAR2(2000)	User defined package name
ENABLED_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether scheduling rule is enabled
DEFAULT_FLAG	NULL	VARCHAR2(1)	Default flag
USAGE_CODE	NULL	NUMBER	Field used for sequencing
SEQUENCE_NUMBER (PK)	NOT NULL	NUMBER	Order to sequence
HEURISTIC_CODE	NULL	NUMBER	Heuristic algorithm for scheduling rule
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SCHEDULING_RULES_U1	UNIQUE	5	RULE_ID
		7	SEQUENCE_NUMBER
MSC_SCHEDULING_RULES_U2	UNIQUE	5	MEANING
		10	SEQUENCE_NUMBER

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MSC_SELECTION_CRITERIA

Column Descriptions

Name	Null?	Type	Description
SEQUENCE	NOT NULL	NUMBER	Criteria sequence
FOLDER_ID	NOT NULL	NUMBER	Folder identifier
FIELD_NAME	NOT NULL	VARCHAR2(30)	Field name
FIELD_TYPE	NOT NULL	VARCHAR2(10)	Field type
HIDDEN_FROM_FIELD	NULL	VARCHAR2(250)	From field value
CONDITION	NULL	NUMBER	Condition
FROM_FIELD	NULL	VARCHAR2(250)	From field value
TO_FIELD	NULL	VARCHAR2(250)	To field value
FOLDER_OBJECT	NOT NULL	VARCHAR2(30)	Folder object identifier
TREE_NODE	NULL	NUMBER	Tree node
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
AND_OR	NULL	NUMBER	
COUNT_BY	NULL	NUMBER	Store checkbox 'display message count' for find exceptions block
SEARCH_QUERY_ID	NULL	NUMBER(38)	Search query identifier
SEARCH_QUERY_NAME	NULL	VARCHAR2(30)	Search query name
DEFAULT_FLAG	NULL	NUMBER(38)	Default flag
PUBLIC_FLAG	NULL	NUMBER(38)	Public flag
FROM_FIELD_VALUE	NULL	VARCHAR2(250)	From field value
TO_FIELD_VALUE	NULL	VARCHAR2(250)	To field value

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SELECTION_CRITERIA_N1	NOT UNIQUE	1	FOLDER_OBJECT
		2	FIELD_NAME
		3	FOLDER_ID
MSC_SELECTION_CRITERIA_N2	NOT UNIQUE	1	SEARCH_QUERY_ID
		2	FOLDER_OBJECT
		3	TREE_NODE

MSC_SEQUENCE_DEPENDENT_SETUPS

The table stores the sequence dependent setups and tears down. This is used by HLS to ensure a minimum delay between two operations using the same resource.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_DEPARTMENT_RESOURCES	ORGANIZATION_ID	ORGANIZATION_ID
	RESOURCE_ID	RESOURCE_ID
	PLAN_ID	PLAN_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_SYSTEM_ITEMS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	FROM_ITEM
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_SYSTEM_ITEMS	ORGANIZATION_ID	ORGANIZATION_ID
	PLAN_ID	PLAN_ID
	INVENTORY_ITEM_ID	TO_ITEM
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance id for source org
FROM_ITEM	NOT NULL	NUMBER	Predecessor item
TO_ITEM	NOT NULL	NUMBER	Successor item
STANDARD_OPERATION_CODE	NOT NULL	VARCHAR2(20)	Standard operation the two operations have to share
RESOURCE_ID	NOT NULL	NUMBER	Resource identifier the two operations have to share
DURATION	NULL	NUMBER	Minimum duration of the transition
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SEQ_DEPENDENT_SETUPS_U1	UNIQUE	5	PLAN_ID
		10	ORGANIZATION_ID
		15	RESOURCE_ID
		20	FROM_ITEM
		25	TO_ITEM
		30	STANDARD_OPERATION_CODE

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MSC_SHIFT_DATES

MSC_SHIFT_DATES stores information about compiled data for shift calendars. This table stores every date between the calendar start date and calendar end date for a calendar name and exception set. The workday calendar program assigns a sequence number starting at 1, to each date. The program generates the prior sequence number and next sequence number for every calendar date that is stored in this table. This table stores values for sequence number, prior sequence number and next sequence number for a non-working day. The values for these columns are equal for a working day. The workday calendar program generates a shift calendar for each shift you define for your calendar.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_CALENDAR_SHIFTS	SHIFT_NUM CALENDAR_CODE SR_INSTANCE_ID	SHIFT_NUM CALENDAR_CODE SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE	NOT NULL	VARCHAR2(14)	Workday calendar identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
EXCEPTION_SET_ID	NOT NULL	NUMBER	Exception set unique identifier
SHIFT_NUM	NOT NULL	NUMBER	Shift number
SHIFT_DATE	NOT NULL	DATE	Calendar date
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
SEQ_NUM	NULL	NUMBER	Sequence number for shift date (only for working dates)
NEXT_SEQ_NUM	NOT NULL	NUMBER	Next sequence number for calendar date (working day)
PRIOR_SEQ_NUM	NOT NULL	NUMBER	Prior sequence number for calendar date (working day)
NEXT_DATE	NOT NULL	DATE	Next date corresponding to next sequence number
PRIOR_DATE	NOT NULL	DATE	Prior date corresponding to prior sequence number
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SHIFT_DATES_U1	UNIQUE	1	SR_INSTANCE_ID
		2	CALENDAR_CODE
		3	EXCEPTION_SET_ID
		4	SHIFT_DATE
		5	SHIFT_NUM

MSC_SHIFT_EXCEPTIONS

MSC_SHIFT_EXCEPTIONS stores information about exception dates for a calendar name, exception set, and shift. The workday calendar program generates all dates between calendar start date and calendar end date. It then marks the workday pattern on generated dates followed by the base calendar exception dates. Finally, it marks the shift exception dates. This table stores exception dates for the shift calendars, the table MSC_CALENDAR_EXCEPTIONS stores exception dates for the base calendar.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_CALENDAR_SHIFTS	SHIFT_NUM CALENDAR_CODE SR_INSTANCE_ID	SHIFT_NUM CALENDAR_CODE SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE	NOT NULL	VARCHAR2(14)	Workday calendar identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
SHIFT_NUM	NOT NULL	NUMBER	Shift number
EXCEPTION_SET_ID	NOT NULL	NUMBER	Exception set unique identifier
EXCEPTION_DATE	NOT NULL	DATE	Exception Date
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
EXCEPTION_TYPE	NOT NULL	NUMBER	Exception type (On and Off)
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SHIFT_EXCEPTIONS_U1	UNIQUE	1	SR_INSTANCE_ID
		2	CALENDAR_CODE
		3	EXCEPTION_SET_ID
		4	SHIFT_NUM
		5	EXCEPTION_DATE

MSC_SHIFT_TIMES

MSC_SHIFT_TIMES stores information about shift hours for your shifts. You cannot have overlapping shift hours. You can define shifts that go beyond midnight (24:00).

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE	NOT NULL	VARCHAR2(14)	Workday calendar identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
SHIFT_NUM	NOT NULL	NUMBER	Shift number
FROM_TIME	NOT NULL	NUMBER	Shift start time
TO_TIME	NOT NULL	NUMBER	Shift end time
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SHIFT_TIMES_U1	UNIQUE	1	SR_INSTANCE_ID
		2	CALENDAR_CODE
		3	SHIFT_NUM
		4	FROM_TIME
		5	TO_TIME

MSC_SIMULATION_SETS

This table stores the different simulation sets.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_TRADING_PARTNERS	SR_TP_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
SIMULATION_SET	NOT NULL	VARCHAR2(10)	Simulation set identifier
DESCRIPTION	NULL	VARCHAR2(50)	Simulation set description
USE_IN_WIP_FLAG	NULL	NUMBER	Use in WIP flag
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SIMULATION_SETS_U1	UNIQUE	5	ORGANIZATION_ID
		10	SR_INSTANCE_ID
		15	SIMULATION_SET

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MSC_SNAPSHOT_TASKS

MSC_SNAPSHOT_TASKS stores a queue of tasks to be performed by the Snapshot. Each entry represents a task to be performed. The Snapshot launches several workers to perform the tasks in parallel. Each worker scans MSC_SNAPSHOT_TASKS for the next task that has not been started. Tasks can be dependent upon other tasks having been completed. DEPENDENT_TASK and DEPENDENT_TASK2 store the tasks that must be completed before a given task can begin. REQUIRES_LOCK indicates whether or not the snapshot must have acquired locks before this task can be started. DEPENDENCY_AGAINST is set to "Yes" if this task has other tasks which are dependent upon it.

Tasks which have DEPENDENCY_AGAINST set to "Yes" will have a higher priority than other tasks. START_DATE and COMPLETION_DATE store the date and time that each task was started and completed. They also serve to indicate the status of each tasks. A null value for START_DATE and COMPLETION_DATE indicates that a task has not yet been started. A value in START_DATE and a null value in COMPLETION_DATE indicates that a task is currently in process. Values in START_DATE and COMPLETION_DATE indicates that the task has completed. MSC_SNAPSHOT_TASKS is populated by the Snapshot. START_DATE and COMPLETION_DATE are updated by the Snapshot Workers and by the Snapshot.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_PLANS	PLAN_ID	PLAN_ID
MSC_SNAPSHOT_TASKS	TASK	DEPENDENT_TASK
	PLAN_ID	PLAN_ID
MSC_SNAPSHOT_TASKS	TASK	DEPENDENT_TASK2
	PLAN_ID	PLAN_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
TASK	NOT NULL	NUMBER	Task type
REQUIRES_LOCK	NOT NULL	NUMBER	Flag to indicate if the task requires a snapshot lock
REQUIRES_ITEMS	NOT NULL	NUMBER	Flag to indicate that this task requires that MSC_SYSTEM_ITEMS is complete
DEPENDENCY_AGAINST	NOT NULL	NUMBER	Flag to indicate if this task has other tasks that are dependent on it
START_DATE	NULL	DATE	Date the task was started
COMPLETION_DATE	NULL	DATE	Date task was completed

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
DEPENDENT_TASK	NULL	NUMBER	Task which must be executed before this task
DEPENDENT_TASK2	NULL	NUMBER	Task which must be executed before this task
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MSC_SNAPSHOT_TASKS_U1	UNIQUE	2 6	PLAN_ID TASK

MSC_SOURCING_HISTORY

MSC_SOURCING_HISTORY stores historical sourcing information which is used by the planner to determine planned order allocation to different sources. It is populated and updated by the planner.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Id
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Id
SR_INSTANCE_ID	NOT NULL	NUMBER	sr instance Id
SOURCING_RULE_ID	NOT NULL	NUMBER	Sourcing Rule Id
SOURCE_ORG_ID	NULL	NUMBER	Source Org Id
SOURCE_SR_INSTANCE_ID	NULL	NUMBER	source org sr instance Id
SUPPLIER_ID	NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier
HISTORICAL_ALLOCATION	NOT NULL	NUMBER	Historical Allocation
REFRESH_NUMBER	NULL	NUMBER	Refresh Number
LAST_CALCULATED_DATE	NOT NULL	DATE	Last Calculated Date
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SOURCING_HISTORY_N1	NOT UNIQUE	1	SOURCING_RULE_ID
		2	INVENTORY_ITEM_ID
		3	ORGANIZATION_ID
		4	SR_INSTANCE_ID

MSC_SOURCING_RULES

This table stores sourcing rules and bills of distribution information.
This table also stores sourcing rules and bills of distribution defined at source applications.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_TRADING_PARTNERS	SR_TP_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
SOURCING_RULE_ID	NOT NULL	NUMBER	Sourcing rule unique identifier
SR_SOURCING_RULE_ID	NULL	NUMBER	Sourcing rule unique identifier from the source
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
SOURCING_RULE_NAME	NOT NULL	VARCHAR2(30)	Sourcing rule / Bill of Distribution name
DESCRIPTION	NULL	VARCHAR2(80)	Describe the Sourcing Rule / Bill of Distribution
STATUS	NOT NULL	NUMBER	Status
SOURCING_RULE_TYPE	NOT NULL	NUMBER	1 = Sourcing Rule, 2 = Bill of Distribution
PLANNING_ACTIVE	NOT NULL	NUMBER	Flag indicates whether the row is active for planning
DELETED_FLAG	NULL	NUMBER	Flag indicates whether the row is no longer valid
REFRESH_NUMBER	NULL	VARCHAR2(240)	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment

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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
COLLECTED_FLAG	NULL	NUMBER	Flag indicates whether the row is collected from source

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SOURCING_RULES_U1	UNIQUE	5	SOURCING_RULE_ID
MSC_SOURCING_RULES_U2	UNIQUE	5	SR_INSTANCE_ID
		10	SR_SOURCING_RULE_ID

Sequences

Sequence	Derived Column
MSC_SOURCING_RULES_S	SOURCING_RULE_ID

MSC_SR_ASSIGNMENTS

MSC_SR_ASSIGNMENTS stores the assignment of sourcing rules or bills of distribution to the items, organizations, category, or global level. This table is populated by the Assign Sourcing Rules form of Oracle Supply Chain Planning. This table is used by the Memory-based Snapshot to determine the sourcing information or an item in an organization. The Memory-based Snapshot uses the most granular ASSIGNMENT_LEVEL to determine the sourcing for an item-organization. This table also stores assignments defined from source applications.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_ASSIGNMENT_SETS	ASSIGNMENT_SET_ID	ASSIGNMENT_SET_ID
MSC_CATEGORY_SETS	CATEGORY_SET_ID	CATEGORY_SET_ID
MSC_ITEM_CATEGORIES	CATEGORY_NAME	CATEGORY_NAME
	CATEGORY_SET_ID	CATEGORY_SET_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_SOURCING_RULES	SOURCING_RULE_ID	SOURCING_RULE_ID
MSC_SYSTEM_ITEMS	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_TRADING_PARTNERS	PARTNER_ID	PARTNER_ID
MSC_TRADING_PARTNER_SITES	PARTNER_SITE_ID	SHIP_TO_SITE_ID

Column Descriptions

Name	Null?	Type	Description
ASSIGNMENT_ID	NOT NULL	NUMBER	Sourcing rule/Bills of Distribution identifier
SR_ASSIGNMENT_ID	NOT NULL	NUMBER	Sourcing rule/Bills of Distribution identifier from source application instance
SR_ASSIGNMENT_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier of the assignment record
ASSIGNMENT_SET_ID	NOT NULL	NUMBER	Assignment set identifier
ASSIGNMENT_TYPE	NOT NULL	NUMBER	Assignment type
SOURCING_RULE_ID	NOT NULL	NUMBER	Sourcing rule/Bill of Distribution identifier
SOURCING_RULE_TYPE	NUL	NUMBER	Sourcing rule type
ORGANIZATION_ID	NUL	NUMBER	Organization identifier
SR_INSTANCE_ID	NUL	NUMBER	Source application instance identifier of item org
INVENTORY_ITEM_ID	NUL	NUMBER	Inventory item identifier
PARTNER_ID	NUL	NUMBER	Customer identifier
SHIP_TO_SITE_ID	NUL	NUMBER	Ship to site identifier
CATEGORY_SET_ID	NUL	NUMBER	Category set identifier
CATEGORY_NAME	NUL	VARCHAR2(163)	Category name identifier
DELETED_FLAG	NUL	NUMBER	Flag to indicate whether the row is no longer valid. SYS_YES means the row will be deleted

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Column Descriptions (Continued)

Name	Null?	Type	Description
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
COLLECTED_FLAG	NULL	NUMBER	Flag indicates whether the row is collected from source

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SR_ASSIGNMENTS_N1	NOT UNIQUE	4	ASSIGNMENT_TYPE
		5	ASSIGNMENT_SET_ID
		5	PARTNER_ID
		10	SHIP_TO_SITE_ID
		15	ASSIGNMENT_SET_ID
MSC_SR_ASSIGNMENTS_N2	NOT UNIQUE	20	ASSIGNMENT_TYPE
		5	INVENTORY_ITEM_ID
		10	ASSIGNMENT_TYPE
		15	ASSIGNMENT_SET_ID
		20	ORGANIZATION_ID
MSC_SR_ASSIGNMENTS_N3	NOT UNIQUE	25	SR_INSTANCE_ID
		5	ASSIGNMENT_ID
		5	SR_ASSIGNMENT_INSTANCE_ID
		7	SR_ASSIGNMENT_ID
		7	SR_ASSIGNMENT_ID

Sequences

Sequence	Derived Column
MSC_SR_ASSIGNMENTS_S	ASSIGNMENT_ID

MSC_SR_RECEIPT_ORG

MSC_SR_RECEIPT_ORG stores information on the receiving organizations for Sourcing Rules and Bills of Distribution. Each row in this table specifies a receiving organization for a date range. This table is a child of MSC_SOURCING_RULES. In case of Local Sourcing Rules the column RECEIPT_ORGANIZATION_ID is the same as the ORGANIZATION_ID in MSC_SOURCING_RULES. For Global Sourcing Rules the column RECEIPT_ORGANIZATION_ID is Null. This table is populated by the Define Sourcing Rule and Define Bills of distribution forms of Oracle Supply Chain Planning at the planning server. This table also stores information on the receiving organizations for Sourcing Rules and Bills Of Distribution defined from source applications.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_SOURCING_RULES	SOURCING_RULE_ID	SOURCING_RULE_ID
MSC_TRADING_PARTNERS	PARTNER_ID	RECEIPT_PARTNER_ID
MSC_TRADING_PARTNERS	SR_TP_ID	SR_RECEIPT_ORG
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_TRADING_PARTNER_SITES	PARTNER_SITE_ID	RECEIPT_PARTNER_SITE_ID

Column Descriptions

Name	Null?	Type	Description
SR_RECEIPT_ID	NOT NULL	NUMBER	Unique identifier for a row generated at planning server
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
SR_RECEIPT_ORG	NULL	NUMBER	Source application Sr Receipt identifier
RECEIPT_ORG_INSTANCE_ID	NULL	NUMBER	Source application instance identifier associated with the receiving org
SR_SR_RECEIPT_ID	NULL	NUMBER	Apps instance sr_receipt_id
SOURCING_RULE_ID	NOT NULL	NUMBER	Sourcing rule/Bill of Distribution identifier
RECEIPT_PARTNER_ID	NULL	NUMBER	Trading partner identifier
RECEIPT_PARTNER_SITE_ID	NULL	NUMBER	Trading partner site identifier
EFFECTIVE_DATE	NOT NULL	DATE	Date of effectivity
DISABLE_DATE	NULL	DATE	Disable date
DELETED_FLAG	NULL	NUMBER	Flag to indicate whether the row is no longer valid.
REFRESH_NUMBER	NULL	NUMBER	Refresh number populated by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
COLLECTED_FLAG	NULL	NUMBER	Flag indicating whether the row is collected from source application instance

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SR_RECEIPT_ORG_N1	NOT UNIQUE	5	SOURCING_RULE_ID
		10	SR_RECEIPT_ORG
		17	RECEIPT_ORG_INSTANCE_ID
		20	EFFECTIVE_DATE
MSC_SR_RECEIPT_ORG_N2	UNIQUE	5	SR_INSTANCE_ID
		7	SR_SR_RECEIPT_ID
MSC_SR_RECEIPT_ORG_U1	UNIQUE	5	SR_RECEIPT_ID

Sequences

Sequence	Derived Column
MSC_SR_RECEIPT_ORG_S	SR_RECEIPT_ID

MSC_SR_SOURCE_ORG

MSC_SR_SOURCE_ORG stores the source organizations or source suppliers for Sourcing Rules or Bills of distribution. This table is a child of MSC_SR_RECEIPT_ORG. This table is populated by the Define Sourcing Rules and Define Bills of distribution form of Oracle Supply Chain Planning at the planning server. This table also stores the sourcing information defined from source applications.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_SR_RECEIPT_ORG	SR_RECEIPT_ID	SR_RECEIPT_ID
MSC_TRADING_PARTNERS	PARTNER_ID	SOURCE_PARTNER_ID
MSC_TRADING_PARTNER_SITES	PARTNER_SITE_ID	SOURCE_PARTNER_SITE_ID

Column Descriptions

Name	Null?	Type	Description
SR_SOURCE_ID	NOT NULL	NUMBER	Unique identifier for a row
SR_SR_SOURCE_ID	NULL	NUMBER	Unique identifier for a row from the source application instance
SR_RECEIPT_ID	NOT NULL	NUMBER	Identifier from the sourcing rule receipt org
SOURCE_PARTNER_ID	NULL	NUMBER	Source supplier identifier
SOURCE_PARTNER_SITE_ID	NULL	NUMBER	Source supplier site identifier
ALLOCATION_PERCENT	NOT NULL	NUMBER	Percent of supply allocated to this source
RANK	NULL	NUMBER	Rank of source
SHIP_METHOD	NULL	VARCHAR2(30)	Specify the shipping method
SOURCE_TYPE	NULL	NUMBER	Flag indicating the source type
SR_INSTANCE_ID	NULL	NUMBER	Source instance id for the source organization
DELETED_FLAG	NULL	NUMBER	Flag to indicate whether the row is no longer valid. SYS_YES means the row will be deleted
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Source organization identifier
SOURCE_ORG_INSTANCE_ID	NULL	NUMBER	Source instance identifier of the source organization identifier
REFRESH_NUMBER	NULL	NUMBER	Refresh number assigned by collection program
REPLENISHMENT_TYPE	NULL	NUMBER	Indicate type of replenishment. Null/0 = Force Transfer; 1 = Partial transfer; 2 = Full transfer
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
MIN_TRANSFER_QTY	NULL	NUMBER	Minimum transfer quantity
MAX_TRANSFER_QTY	NULL	NUMBER	Maximum transfer quantity
TRANSFER_LOT_MULTIPLE	NULL	NUMBER	Transfer lot multiple
FIXED_TRANSFER_QTY	NULL	NUMBER	Fixed transfer quantity
TRANSFER_TYPE	NULL	NUMBER	Transfer type
COLLECTED_FLAG	NULL	NUMBER	Flag indicates whether the row is collected from source

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SR_SOURCE_ORG_N1	UNIQUE	5	SR_INSTANCE_ID
		10	SR_SR_SOURCE_ID
MSC_SR_SOURCE_ORG_U1	UNIQUE	5	SR_SOURCE_ID
MSC_SR_SOURCE_ORG_U3	NOT UNIQUE	5	SR_RECEIPT_ID
		10	SOURCE_ORGANIZATION_ID
		15	SOURCE_ORG_INSTANCE_ID
		20	SOURCE_PARTNER_ID
		25	SOURCE_PARTNER_SITE_ID

Sequences

Sequence	Derived Column
MSC_SR_SOURCE_ORG_S	SR_SOURCE_ID

MSC_ST_ASSIGNMENT_SETS

The staging table used by the collection program to valid and process data for table MSC_ASSIGNMENT_SETS.

Column Descriptions

Name	Null?	Type	Description
SR_ASSIGNMENT_SET_ID	NULL	NUMBER	Assignment set identifier from source application instance
ASSIGNMENT_SET_NAME	NULL	VARCHAR2(34)	Assignment set name
DESCRIPTION	NULL	VARCHAR2(80)	Description
DELETED_FLAG	NULL	NUMBER	Flag to indicate whether the row is no longer valid. SYS_YES means the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_ST_ATP_RULES

The staging table used by the collection program to validate and process data for table MSC_ATP_RULES.

Column Descriptions

Name	Null?	Type	Description
RULE_ID	NULL	NUMBER	ATP rule identifier
SR_INSTANCE_ID	NULL	NUMBER	Instance id
RULE_NAME	NULL	VARCHAR2(80)	Name of ATP rule
DESCRIPTION	NULL	VARCHAR2(240)	Description for ATP rule
ACCUMULATE_AVAILABLE_FLAG	NULL	NUMBER	Flag for ATP computation to accumulate quantity availability
BACKWARD_CONSUMPTION_FLAG	NULL	NUMBER	Flag for ATP computation to backwardly consume shortage
FORWARD_CONSUMPTION_FLAG	NULL	NUMBER	Flag for ATP computation to forwardly consume shortage
PAST_DUE_DEMAND_CUTOFF_FENCE	NULL	NUMBER	Demand before the specified number of days are not to be considered in ATP computation
PAST_DUE_SUPPLY_CUTOFF_FENCE	NULL	NUMBER	Supplies before the specified number of days are not to be considered in ATP computation
INFINITE_SUPPLY_FENCE_CODE	NULL	NUMBER	Source code for infinite supply time fence
INFINITE_SUPPLY_TIME_FENCE	NULL	NUMBER	Infinite supply time fence days only when user-defined is specified in the time fence code
ACCEPTABLE_EARLY_FENCE	NULL	NUMBER	Acceptable early fence
ACCEPTABLE_LATE_FENCE	NULL	NUMBER	Acceptable late fence
DEFAULT_ATP_SOURCES	NULL	NUMBER	Indicate which subinventories to use for on-hand quantities
INCLUDE_SALES_ORDERS	NULL	NUMBER	Yes/No flag for ATP computation to include demand from sales orders
INCLUDE_DISCRETE_WIP_DEMAND	NULL	NUMBER	Yes/No flag for ATP computation to include demand from WIP discrete jobs
INCLUDE_REP_WIP_DEMAND	NULL	NUMBER	Yes/No flag for ATP computation to include demand from WIP repetitive discrete jobs
INCLUDE_NONSTD_WIP_DEMAND	NULL	NUMBER	Yes/No flag for ATP computation to include demand from WIP non-standard jobs'
INCLUDE_DISCRETE_MPS	NULL	NUMBER	Yes/No flag for ATP computation to include supply from discrete MPS schedule
INCLUDE_USER_DEFINED_DEMAND	NULL	NUMBER	Yes/No flag for ATP computation to include user defined demand
INCLUDE_PURCHASE_ORDERS	NULL	NUMBER	Yes/No flag for ATP computation to include supply from purchase orders
INCLUDE_DISCRETE_WIP_RECEIPTS	NULL	NUMBER	Yes/No flag for ATP computation to include supply from WIP discrete jobs
INCLUDE_REP_WIP_RECEIPTS	NULL	NUMBER	Yes/No flag for ATP computation to include supply from WIP repetitive schedule jobs

Column Descriptions (Continued)

Name	Null?	Type	Description
INCLUDE_NONSTD_WIP_RECEIPTS	NULL	NUMBER	Yes/No flag for ATP computation to include supply from WIP non-standard jobs
INCLUDE_INTERORG_TRANSFERS	NULL	NUMBER	Yes/No flag for ATP computation to include supply from inter-organization transfers
INCLUDE_ONHAND_AVAILABLE	NULL	NUMBER	Yes/No flag for ATP computation to include supply from on-hand inventory
INCLUDE_USER_DEFINED_SUPPLY	NULL	NUMBER	Yes/No flag for ATP computation to include supply from user defined source
ACCUMULATION_WINDOW	NULL	NUMBER	Maximum number of days that available supply should be accumulated
INCLUDE_REP_MPS	NULL	NUMBER	Yes/No flag for ATP computation to include supply from repetitive MPS schedules
INCLUDE_INTERNAL_REQS	NULL	NUMBER	Yes/No flag for ATP computation include from internal requisitions
INCLUDE_SUPPLIER_REQS	NULL	NUMBER	Yes/No flag for ATP computation include from internal orders
INCLUDE_INTERNAL_ORDERS	NULL	NUMBER	Yes/No flag for ATP computation to include demand from internal orders
INCLUDE_FLOW_SCHEDULE_DEMAND	NULL	NUMBER	Yes/No flag for ATP computation to include demand from flow schedule
USER_ATP_SUPPLY_TABLE_NAME	NULL	VARCHAR2(30)	Not currently used
USER_ATP_DEMAND_TABLE_NAME	NULL	VARCHAR2(30)	Not currently used
MPS_DESIGNATOR	NULL	VARCHAR2(10)	Not currently used
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
CREATION_DATE	NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who Column
REFRESH_ID	NULL	NUMBER	Refresh identifier
DEMAND_CLASS_ATP_FLAG	NULL	NUMBER	Yes/No flag for ATP computation to consider Demand Class when selecting supply and demand
INCLUDE_FLOW_SCHEDULE_RECEIPTS	NULL	NUMBER	Yes/No flag for ATP computation to include supply from repetitive MPS schedules

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MSC_ST_BILL_OF_RESOURCES

The staging table used by the collection program to validate and process data for table MSC_BILL_OF_RESOURCES.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
BILL_OF_RESOURCES	NULL	VARCHAR2(10)	Source application bill of resource identifier
DESCRIPTION	NULL	VARCHAR2(50)	Bill of resource description
DISABLE_DATE	NULL	DATE	Bill of resource disable date
ROLLUP_START_DATE	NULL	DATE	Bill of resources load start date
ROLLUP_COMPLETION_DATE	NULL	DATE	Bill of resources load completion date
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_ST_BIS_BUSINESS_PLANS

The staging table used by the collection program to validate and process data for table MSC_BIS_BUSINESS_PLANS.

Column Descriptions

Name	Null?	Type	Description
BUSINESS_PLAN_ID	NULL	NUMBER	Business plan identifier
SHORT_NAME	NULL	VARCHAR2(30)	Business plan short name
NAME	NULL	VARCHAR2(80)	Business plan name
DESCRIPTION	NULL	VARCHAR2(240)	Describe the business plan
VERSION_NO	NULL	NUMBER	Version number
CURRENT_PLAN_FLAG	NULL	VARCHAR2(1)	Yes/No flag indicating whether the business plan is current
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

MSC_ST_BIS_PERIODS

The staging table used by the collection program to validate and process data for table MSC_BIS_PERIODS.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
PERIOD_SET_NAME	NULL	VARCHAR2(15)	Accounting calendar name
PERIOD_NAME	NULL	VARCHAR2(15)	Accounting calendar name
START_DATE	NULL	DATE	Date on which accounting period begins
END_DATE	NULL	DATE	Date on which accounting period ends
PERIOD_TYPE	NULL	VARCHAR2(15)	Accounting period type
PERIOD_YEAR	NULL	NUMBER(15)	Accounting period year
PERIOD_NUM	NULL	NUMBER(15)	Accounting period number
QUARTER_NUM	NULL	NUMBER(15)	Accounting period number
ENTERED_PERIOD_NAME	NULL	VARCHAR2(15)	User entered accounting period name
ADJUSTMENT_PERIOD_FLAG	NULL	VARCHAR2(1)	Calendar period adjustment status
DESCRIPTION	NULL	VARCHAR2(240)	Accounting period description
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield segment
YEAR_START_DATE	NULL	DATE	Date on which the year containing this accounting period starts
QUARTER_START_DATE	NULL	DATE	Date on which the quarter containing this accounting period starts
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
CREATION_DATE	NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who Column
REFRESH_ID	NULL	NUMBER	Refresh identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

MSC_ST_BIS_PPMC_MEASURES

The staging table used by the collection program to validate and process data for table MSC_BIS_PPMC_MEASURES.

Column Descriptions

Name	Null?	Type	Description
MEASURE_ID	NULL	NUMBER	Measure identifier
MEASURE_SHORT_NAME	NULL	VARCHAR2(30)	Source application instance identifier
MEASURE_NAME	NULL	VARCHAR2(80)	Measure short name
DESCRIPTION	NULL	VARCHAR2(240)	Describe the performance measure
ORG_DIMENSION_ID	NULL	NUMBER	Organization dimension identifier
TIME_DIMENSION_ID	NULL	NUMBER	Time dimension identifier
DIMENSION1_ID	NULL	NUMBER	First dimension identifier
DIMENSION2_ID	NULL	NUMBER	Second dimension identifier
DIMENSION3_ID	NULL	NUMBER	Third dimension identifier'
DIMENSION4_ID	NULL	NUMBER	Forth dimension identifier'
DIMENSION5_ID	NULL	NUMBER	Fifth dimension identifier'
UNIT_OF_MEASURE_CLASS	NULL	VARCHAR2(10)	Unit of measure class
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

MSC_ST_BIS_TARGETS

The staging table used by the collection program to validate and process data for table MSC_BIS_TARGETS.

Column Descriptions

Name	Null?	Type	Description
TARGET_ID	NULL	NUMBER	Target identifier
TARGET_LEVEL_ID	NULL	NUMBER	Target level identifier
BUSINESS_PLAN_ID	NULL	NUMBER	Business plan identifier
ORG_LEVEL_VALUE_ID	NULL	VARCHAR2(80)	Org level value identifier
TIME_LEVEL_VALUE_ID	NULL	VARCHAR2(80)	Time level value identifier
DIM1_LEVEL_VALUE_ID	NULL	VARCHAR2(80)	First dimension level value identifier
DIM2_LEVEL_VALUE_ID	NULL	VARCHAR2(80)	Second dimension level value identifier
DIM3_LEVEL_VALUE_ID	NULL	VARCHAR2(80)	Third dimension level value identifier
DIM4_LEVEL_VALUE_ID	NULL	VARCHAR2(80)	Forth dimension level value identifier
DIM5_LEVEL_VALUE_ID	NULL	VARCHAR2(80)	Fifth dimension level value identifier
TARGET	NULL	NUMBER	Target number
RANGE1_LOW	NULL	NUMBER	Low number of the first range
RANGE1_HIGH	NULL	NUMBER	High number of the first range
RANGE2_LOW	NULL	NUMBER	Low number of the second range
RANGE2_HIGH	NULL	NUMBER	High number of the second range
RANGE3_LOW	NULL	NUMBER	Low number of the third range
RANGE3_HIGH	NULL	NUMBER	High number of the third range
NOTIFY_RESP1_ID	NULL	NUMBER	First notify identifier
NOTIFY_RESP1_SHORT_NAME	NULL	VARCHAR2(100)	Short name of the first notify
NOTIFY_RESP2_ID	NULL	NUMBER	Second notify identifier
NOTIFY_RESP2_SHORT_NAME	NULL	VARCHAR2(100)	Short name of the second notify
NOTIFY_RESP3_ID	NULL	NUMBER	Third notify identifier
NOTIFY_RESP3_SHORT_NAME	NULL	VARCHAR2(100)	Short name of the third notify
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

MSC_ST_BIS_TARGET_LEVELS

The staging table used by the collection program to validate and process data for table MSC_BIS_TARGET_LEVELS

Column Descriptions

Name	Null?	Type	Description
TARGET_LEVEL_ID	NULL	NUMBER	Target level identifier
TARGET_LEVEL_SHORT_NAME	NULL	VARCHAR2(30)	Short name identifying the target level
TARGET_LEVEL_NAME	NULL	VARCHAR2(80)	Target level name
DESCRIPTION	NULL	VARCHAR2(240)	Describe the target level
MEASURE_ID	NULL	NUMBER	Performance measure identifier
ORG_LEVEL_ID	NULL	NUMBER	Organization level identifier
TIME_LEVEL_ID	NULL	NUMBER	Time level identifier
DIMENSION1_LEVEL_ID	NULL	NUMBER	First dimension level identifier
DIMENSION2_LEVEL_ID	NULL	NUMBER	Second dimension level identifier
DIMENSION3_LEVEL_ID	NULL	NUMBER	Third dimension level identifier
DIMENSION4_LEVEL_ID	NULL	NUMBER	Forth dimension level identifier
DIMENSION5_LEVEL_ID	NULL	NUMBER	Fifth dimension level identifier
WORKFLOW_ITEM_TYPE	NULL	VARCHAR2(8)	Workflow item type
WORKFLOW_PROCESS_SHORT_NAME	NULL	VARCHAR2(30)	Workflow process short name
DEFAULT_NOTIFY_RESP_ID	NULL	NUMBER	Default notify identifier
DEFAULT_NOTIFY_RESP_SHORT_NAME	NULL	VARCHAR2(100)	Name of the default notify
COMPUTING_FUNCTION_ID	NULL	NUMBER	Computing function identifier
REPORT_FUNCTION_ID	NULL	NUMBER	Report function identifier
UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Unit of measure
SYSTEM_FLAG	NULL	VARCHAR2(1)	System flag
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

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MSC_ST_BOMS

The staging table used by the collection program to valid and process data for table MSC_BOMS.

Column Descriptions

Name	Null?	Type	Description
BILL_SEQUENCE_ID	NULL	NUMBER	Bill sequence identifier in the source application instance
ORGANIZATION_ID	NULL	NUMBER	Organization identifier of the item
ASSEMBLY_ITEM_ID	NULL	NUMBER	Identifier of the item being assembled
ASSEMBLY_TYPE	NULL	NUMBER	Manufacturing Bill(1), or Engineering(2). Used for UI and reports.
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Name of the bill for alternate bills (null for the primary bill)
SPECIFIC_ASSEMBLY_COMMENT	NULL	VARCHAR2(240)	Comments for specific assembly
PENDING_FROM_ECN	NULL	VARCHAR2(10)	Change notice that created this bill of material
COMMON_BILL_SEQUENCE_ID	NULL	NUMBER	Common bill sequence identifier
SCALING_TYPE	NULL	NUMBER	(OPM) Controls scaling behavior
BOM_SCALING_TYPE	NULL	NUMBER	BOM scaling type
ASSEMBLY_QUANTITY	NULL	NUMBER	Assembly quantity
UOM	NULL	VARCHAR2(3)	Unit of measure code
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_ST_BOM_COMPONENTS

The staging table used by the collection program to valid and process data for table MSC_BOM_COMPONENTS.

Column Descriptions

Name	Null?	Type	Description
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Component identifier on the source application instance
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Identifier of the component item
USING_ASSEMBLY_ID	NULL	NUMBER	Identifier of the item being assembled
BILL_SEQUENCE_ID	NULL	NUMBER	Identifier of the BOM
COMPONENT_TYPE	NULL	NUMBER	Component (1), Ingredient component (-1), by-product (2)
SCALING_TYPE	NULL	NUMBER	Scaling type
CHANGE_NOTICE	NULL	VARCHAR2(10)	Code for ECO. Use for UI and reporting
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code
USAGE_QUANTITY	NULL	NUMBER	Quantity of the component to build one unit of item
EFFECTIVITY_DATE	NULL	DATE	Date of effectivity for this component
DISABLE_DATE	NULL	DATE	End of effectivity
FROM_UNIT_NUMBER	NULL	VARCHAR2(30)	Effective from this unit number
TO_UNIT_NUMBER	NULL	VARCHAR2(30)	Effective up to this unit number
USE_UP_CODE	NULL	NUMBER	Yes/No flag indicating whether the component is effective
SUGGESTED_EFFECTIVITY_DATE	NULL	DATE	Calculated use-up-date (if Use-up-code is yes)
DRIVING_ITEM_ID	NULL	NUMBER	Item which consumption determine the switch to this component
OPERATION_OFFSET_PERCENT	NULL	NUMBER	Operation offset percent
OPTIONAL_COMPONENT	NULL	NUMBER	Yes/No flag - if optional use planning factor to determine demand
OLD_EFFECTIVITY_DATE	NULL	DATE	Old effectivity date
WIP_SUPPLY_TYPE	NULL	NUMBER	Used mainly for phantoms
PLANNING_FACTOR	NULL	NUMBER	Planning factor for this component (percent)
ATP_FLAG	NULL	NUMBER	Yes/No flag used for ATP
COMPONENT_YIELD_FACTOR	NULL	NUMBER	Factor used to multiply component quantity with to obtain component quantity
REVISED_ITEM_SEQUENCE_ID	NULL	NUMBER	Revised item sequence identifier
STATUS_TYPE	NULL	NUMBER	Status type
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_ST_BOR_REQUIREMENTS

The staging table used by the collection program to valid and process data for table MSC_BOR_REQUIREMENTS.

Column Descriptions

Name	Null?	Type	Description
BILL_OF_RESOURCES	NULL	VARCHAR2(10)	Bill of resources name
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
ASSEMBLY_ITEM_ID	NULL	NUMBER	Assembly item identifier
SR_TRANSACTION_ID	NULL	NUMBER	Source application transaction identifier
SOURCE_ITEM_ID	NULL	NUMBER	Source item identifier
RESOURCE_ID	NULL	NUMBER	Resource identifier
RESOURCE_DEPARTMENT_HOURS	NULL	NUMBER	Require resource hours
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation sequence identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence number
SETBACK_DAYS	NULL	NUMBER	Resource set back days from assembly due date
DEPARTMENT_ID	NULL	NUMBER	Department identifier
LINE_ID	NULL	NUMBER	Line identifier
ASSEMBLY_USAGE	NULL	NUMBER	Resource hours multiplier for assembly usage
ORIGINATION_TYPE	NULL	NUMBER	Load(1), Manual update(2), Manual addition(3)
RESOURCE_UNITS	NULL	NUMBER	Operation resource units
BASIS	NULL	NUMBER	Operation Basis. Item(1), Lot(2), Resource Units(3), Resource value(4), Total value(5), Activity units(6)
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

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MSC_ST_CALENDAR_DATES

The staging table used by the collection program to valid and process data for table MSC_CALENDAR_DATES.

Column Descriptions

Name	Null?	Type	Description
CALENDAR_DATE	NULL	DATE	Calendar date
CALENDAR_CODE	NULL	VARCHAR2(14)	Calendar code
EXCEPTION_SET_ID	NULL	NUMBER	Exception set identifier
SEQ_NUM	NULL	NUMBER	Sequence number (for working days only)
NEXT_SEQ_NUM	NULL	NUMBER	Next sequence number
PRIOR_SEQ_NUM	NULL	NUMBER	Prior sequence number
NEXT_DATE	NULL	DATE	Date corresponding to next sequence number
PRIOR_DATE	NULL	DATE	Date corresponding to prior sequence number
CALENDAR_START_DATE	NULL	DATE	Beginning date for the calendar
CALENDAR_END_DATE	NULL	DATE	Ending date for the calendar
DESCRIPTION	NULL	VARCHAR2(240)	Calendar description
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_ST_CALENDAR_SHIFTS

The staging table used by the collection program to validate and process data for table MSC_CALENDAR_SHIFTS.

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE	NULL	VARCHAR2(14)	Calendar code
SHIFT_NUM	NULL	NUMBER	Shift number
DAYS_ON	NULL	NUMBER	Number of consecutive working days
DAYS_OFF	NULL	NUMBER	Number of consecutive non-working days
DESCRIPTION	NULL	VARCHAR2(240)	Description
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

MSC_ST_CAL_WEEK_START_DATES

The staging table used by the collection program to validate and process data for table MSC_CAL_WEEK_START_DATES.

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE	NULL	VARCHAR2(14)	Workday calendar identifier
EXCEPTION_SET_ID	NULL	NUMBER	Exception set identifier
WEEK_START_DATE	NULL	DATE	Week start date
NEXT_DATE	NULL	DATE	Date corresponding to the next working date
PRIOR_DATE	NULL	DATE	Date corresponding to the prior working date
SEQ_NUM	NULL	NUMBER	Sequence number (for working days)
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

MSC_ST_CAL_YEAR_START_DATES

The staging table used by the collection program to validate and process data for table MSC_YEAR_START_DATES.

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE	NULL	VARCHAR2(14)	Workday calendar identifier
EXCEPTION_SET_ID	NULL	NUMBER	Exception set unique identifier
YEAR_START_DATE	NULL	DATE	Year start date
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

MSC_ST_CATEGORY_SETS

The staging table used by the collection program to validate and process data for table MSC_CATEGORY_SETS.

Column Descriptions

Name	Null?	Type	Description
CATEGORY_SET_ID	NULL	NUMBER	Category set identifier
SR_CATEGORY_SET_ID	NULL	NUMBER	Category set identifier from source application instance
CATEGORY_SET_NAME	NULL	VARCHAR2(30)	Category set name
DESCRIPTION	NULL	VARCHAR2(240)	Category set description
CONTROL_LEVEL	NULL	NUMBER	Control level
DEFAULT_FLAG	NULL	NUMBER	Default flag
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_ST_COMPONENT_SUBSTITUTES

The staging table used by the collection program to validate and process data for table MSC_COMPONENT_SUBSTITUTES.

Column Descriptions

Name	Null?	Type	Description
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Component sequence identifier
SUBSTITUTE_ITEM_ID	NULL	NUMBER	Substitute item identifier
USAGE_QUANTITY	NULL	NUMBER	Usage quantity for the substitute component
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
PRIORITY	NULL	NUMBER	Priority code
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier
BILL_SEQUENCE_ID	NULL	NUMBER	Bill sequence identifier

MSC_ST_DEMANDS

The staging table used by the collection program to validate and process data for table MSC_DEMANDS.

Column Descriptions

Name	Null?	Type	Description
ORDER_PRIORITY	NULL	NUMBER	Order priority
DEMAND_ID	NULL	NUMBER	Demand identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
USING_ASSEMBLY_ITEM_ID	NULL	NUMBER	Using assembly item identifier (item generates demand for dependent demands)
USING_ASSEMBLY_DEMAND_DATE	NULL	DATE	Demand date (due date)
USING_REQUIREMENT_QUANTITY	NULL	NUMBER	Required quantity
ASSEMBLY_DEMAND_COMP_DATE	NULL	DATE	Using assembly completion date
DEMAND_TYPE	NULL	NUMBER	Discrete Demand(1), Rate-based demand(2)
DAILY_DEMAND_RATE	NULL	NUMBER	Repetitive demand rate
ORIGINATION_TYPE	NULL	NUMBER	Origin of the demand: Planned order, hard reversion, etc...
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Source organization identifier
DISPOSITION_ID	NULL	NUMBER	Identifier reference to the supply generating the demand
RESERVATION_ID	NULL	NUMBER	Reservation identifier
DEMAND_SCHEDULE_NAME	NULL	VARCHAR2(10)	Demand schedule name
PROJECT_ID	NULL	NUMBER(15)	Project identifier to which the demand applies
TASK_ID	NULL	NUMBER(15)	Task identifier to which the demand applies
PLANNING_GROUP	NULL	VARCHAR2(30)	Planning group
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	End item unit number
SCHEDULE_DATE	NULL	DATE	Schedule date
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
QUANTITY_ISSUED	NULL	NUMBER	Quantity issued
DEMAND_CLASS	NULL	VARCHAR2(34)	Demand class code
SALES_ORDER_NUMBER	NULL	VARCHAR2(122)	Sales order number
SALES_ORDER_PRIORITY	NULL	NUMBER	Sales order priority
FORECAST_PRIORITY	NULL	NUMBER	Forecast priority
MPS_DATE_REQUIRED	NULL	DATE	MPS date required
PO_NUMBER	NULL	VARCHAR2(62)	Purchase order number
WIP_ENTITY_NAME	NULL	VARCHAR2(240)	Wip job name
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
REFRESH_ID	NULL	NUMBER	Refresh identifier populated by the collection program
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	Repetitive schedule identifier
WIP_ENTITY_ID	NULL	NUMBER	WIP job identifier
SELLING_PRICE	NULL	NUMBER	Selling price
DMD_LATENESS_COST	NULL	NUMBER	Demand lateness cost for independent demands
DMD_SATISFIED_DATE	NULL	DATE	Date demand is satisfied
DMD_SPLIT_FLAG	NULL	NUMBER	Demand split flag
REQUEST_DATE	NULL	DATE	Request date
ORDER_NUMBER	NULL	VARCHAR2(240)	WIP entity name
WIP_STATUS_CODE	NULL	NUMBER	WIP job status code
WIP_SUPPLY_TYPE	NULL	NUMBER	WIP supply type
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	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
SALES_ORDER_LINE_ID	NULL	NUMBER	Sales order line identifier
CONFIDENCE_PERCENTAGE	NULL	NUMBER	Forecast confidence percentage
BUCKET_TYPE	NULL	NUMBER	Bucket type
BILL_ID	NULL	NUMBER	Forecast billing address identifier

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MSC_ST_DEMAND_CLASSES

The staging table used by the collection program to validate and process data for demand classes.

Column Descriptions

Name	Null?	Type	Description
DEMAND_CLASS	NOT NULL	VARCHAR2(30)	Demand class code
MEANING	NOT NULL	VARCHAR2(80)	Demand class meaning
DESCRIPTION	NULL	VARCHAR2(250)	Describe the demand class
FROM_DATE	NULL	DATE	Start date
TO_DATE	NULL	DATE	End date
ENABLED_FLAG	NULL	NUMBER	Enabled flag
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
CREATION_DATE	NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who Column
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
DELETED_FLAG	NULL	NUMBER	Deleted flag
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_ST_DEPARTMENT_RESOURCES

The staging table used by the collection program to validate and process data for table MSC_DEPARTMENT_RESOURCES.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
RESOURCE_ID	NULL	NUMBER	Source application resource identifier
RESOURCE_CODE	NULL	VARCHAR2(10)	Resource code
DEPARTMENT_ID	NULL	NUMBER	Source application department identifier or line identifier
DEPARTMENT_CODE	NULL	VARCHAR2(10)	Department code, also holds line code
DEPARTMENT_CLASS	NULL	VARCHAR2(10)	Department class
LINE_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether or not this resource is a line
OWNING_DEPARTMENT_ID	NULL	NUMBER	Owning department identifier
CAPACITY_UNITS	NULL	NUMBER	Resource capacity
MAX_RATE	NULL	NUMBER	Hourly minimum rate of production line
MIN_RATE	NULL	NUMBER	Hourly maximum rate of production line
AGGREGATED_RESOURCE_ID	NULL	NUMBER	Reference to aggregate resource, if aggregated
AGGREGATED_RESOURCE_FLAG	NULL	NUMBER	Yes/No flag to indicate whether this is an aggregated resource
RESOURCE_GROUP_NAME	NULL	VARCHAR2(30)	Resource group name
RESOURCE_GROUP_CODE	NULL	VARCHAR2(10)	Resource group code
RESOURCE_BALANCE_FLAG	NULL	NUMBER	Flag to indicate if the resource needs to load balanced
BOTTLENECK_FLAG	NULL	NUMBER	Flag to indicate if the resource is a known bottleneck
START_TIME	NULL	NUMBER	Start time of the line
STOP_TIME	NULL	NUMBER	Stop time of the line
DEPARTMENT_DESCRIPTION	NULL	VARCHAR2(240)	Describes of the line or department
RESOURCE_DESCRIPTION	NULL	VARCHAR2(240)	Describes the resource
OVER_UTILIZED_PERCENT	NULL	NUMBER	Overutilization tolerance
UNDER_UTILIZED_PERCENT	NULL	NUMBER	Underutilization tolerance
RESOURCE_SHORTAGE_TYPE	NULL	NUMBER	Resource shortage type
RESOURCE_EXCESS_TYPE	NULL	NUMBER	Resource excess type
USER_TIME_FENCE	NULL	NUMBER	User time fence
UTILIZATION	NULL	NUMBER	Utilization
EFFICIENCY	NULL	NUMBER	Efficiency
RESOURCE_INCLUDE_FLAG	NULL	NUMBER	Resource include flag
CRITICAL_RESOURCE_FLAG	NULL	NUMBER	Critical resource flag
RESOURCE_TYPE	NULL	NUMBER	Resource type
DISABLE_DATE	NULL	DATE	Disable date
LINE_DISABLE_DATE	NULL	DATE	Line disable date
AVAILABLE_24_HOURS_FLAG	NULL	NUMBER	Resource is available 24 hours or by shifts
CTP_FLAG	NULL	NUMBER	Flag indicating whether the department resource is used for ATP or not
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted

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Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier populated by the collection program
DEPT_OVERHEAD_COST	NULL	NUMBER	Department overhead cost
RESOURCE_COST	NULL	NUMBER	Resource cost
RESOURCE_OVER_UTIL_COST	NULL	NUMBER	Resource overutilization cost

MSC_ST_DESIGNATORS

The staging table used by the collection program to validate and process data for table MSC_DESIGNATORS.

Column Descriptions

Name	Null?	Type	Description
DESIGNATOR_ID	NULL	NUMBER	Designator identifier
DESIGNATOR	NULL	VARCHAR2(10)	Source application schedule name
SR_DESIGNATOR	NULL	VARCHAR2(10)	Source designator identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
SR_ORGANIZATION_ID	NULL	NUMBER	Source organization identifier
MPS_RELIEF	NULL	NUMBER	Flag to indicate whether MPS relief performed against this designator
INVENTORY_ATP_FLAG	NULL	NUMBER	ATP supply flag
DESCRIPTION	NULL	VARCHAR2(50)	Description of the this designator
DISABLE_DATE	NULL	DATE	Designator disable date
DEMAND_CLASS	NULL	VARCHAR2(34)	Demand class code
ORGANIZATION_SELECTION	NULL	NUMBER	Single/Multiple organizations
PRODUCTION	NULL	NUMBER	Production flag
RECOMMENDATION_RELEASE	NULL	NUMBER	Planned order release flag
DESIGNATOR_TYPE	NULL	NUMBER	Schedule type
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh number populated by the collection program
CONSUME_FORECAST	NULL	NUMBER	Consume forecast flag
UPDATE_TYPE	NULL	NUMBER	Forecast update type code
FORWARD_UPDATE_TIME_FENCE	NULL	NUMBER	Forward consumption days
BACKWARD_UPDATE_TIME_FENCE	NULL	NUMBER	Backward consumption days
OUTLIER_UPDATE_PERCENTAGE	NULL	NUMBER	Forecast outlier update percentage
FORECAST_SET_ID	NULL	VARCHAR2(10)	Forecast set identifier
CUSTOMER_ID	NULL	NUMBER	Customer identifier
SHIP_ID	NULL	NUMBER	Forecast ship code identifier
BILL_ID	NULL	NUMBER	Forecast billing address identifier
BUCKET_TYPE	NULL	NUMBER	Forecast bucket type - days, weeks or periods

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MSC_ST_INTERORG_SHIP_METHODS

The staging table used by the collection program to validate and process data for table MSC_INTERORG_SHIP_METHODS.

Column Descriptions

Name	Null?	Type	Description
FROM_ORGANIZATION_ID	NULL	NUMBER	Organization identifier for the origin organization
TO_ORGANIZATION_ID	NULL	NUMBER	Organization identifier for the destination organization'
SHIP_METHOD	NULL	VARCHAR2(30)	Ship method
TIME_UOM_CODE	NULL	VARCHAR2(10)	Unit of measure used to specify the intransit lead time
INTRANSIT_TIME	NULL	NUMBER	Intransit time
DEFAULT_FLAG	NULL	NUMBER	Flag to indicate if this is a default ship method
FROM_LOCATION_ID	NULL	NUMBER	Location identifier of the origin location
TO_LOCATION_ID	NULL	NUMBER	Location identifier of the destination location
AVAILABILITY_DATE	NULL	DATE	Availability date
WEIGHT_CAPACITY	NULL	NUMBER	Weight capacity of this ship method
WEIGHT_UOM	NULL	VARCHAR2(3)	Weight unit of measure
VOLUME_CAPACITY	NULL	NUMBER	Weight capacity
VOLUME_UOM	NULL	VARCHAR2(3)	Volume unit of measure
COST_PER_WEIGHT_UNIT	NULL	NUMBER	Cost per weight unit
COST_PER_VOLUME_UNIT	NULL	NUMBER	Cost per volume unit
INTRANSIT_TIME	NULL	NUMBER	Intransit time
DELETED_FLAG	NULL	NUMBER	Deleted flag
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier of the source org
TRANSPORT_CAP_OVER_UTIL_COST	NULL	NUMBER	Transport cap over utilized cost
SR_INSTANCE_ID2	NULL	NUMBER	Source application instance identifier of the destination org

MSC_ST_ITEM_CATEGORIES

The staging table used by the collection program to validate and process data for table MSC_ITEM_CATEGORIES.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
SR_CATEGORY_SET_ID	NULL	NUMBER	Category set identifier from source application
SR_CATEGORY_ID	NULL	NUMBER	Category identifier from source application
CATEGORY_NAME	NULL	VARCHAR2(163)	Category name
DESCRIPTION	NULL	VARCHAR2(240)	Description
DISABLE_DATE	NULL	DATE	Disable date
SUMMARY_FLAG	NULL	VARCHAR2(1)	Summary flag
ENABLED_FLAG	NULL	VARCHAR2(1)	Enabled flag
START_DATE_ACTIVE	NULL	DATE	Start date
END_DATE_ACTIVE	NULL	DATE	End date
CATEGORY_SET_NAME	NULL	VARCHAR2(30)	Category set name
DELETED_FLAG	NULL	NUMBER	Deleted flag
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_ST_ITEM_SUPPLIERS

The staging table used by the collection program to validate and process data for table MSC_ITEM_SUPPLIERS.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
SUPPLIER_ID	NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier
USING_ORGANIZATION_ID	NULL	NUMBER	Using organization identifier
ASL_ID	NULL	NUMBER	ASL identifier
PROCESSING_LEAD_TIME	NULL	NUMBER	Processing lead time
MINIMUM_ORDER_QUANTITY	NULL	NUMBER	Minimum order quantity
FIXED_LOT_MULTIPLE	NULL	NUMBER	Fixed lot multiple
DELIVERY_CALENDAR_CODE	NULL	VARCHAR2(14)	Delivery calendar code
VENDOR_NAME	NULL	VARCHAR2(80)	Supplier name
VENDOR_SITE_CODE	NULL	VARCHAR2(15)	Supplier site code
SUPPLIER_CAP_OVER_UTIL_COST	NULL	NUMBER	Supplier cap over util cost
DELETED_FLAG	NULL	NUMBER	Deleted flag
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
SR_INSTANCE_ID2	NULL	NUMBER	Source application instance identifier of using organization
REFRESH_ID	NULL	NUMBER	Refresh identifier
PURCHASING_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Purchasing unit of measure

MSC_ST_LOCATION_ASSOCIATIONS

The staging table used by the collection program to validate and process data for table MSC_LOCATION_ASSOCIATIONS.

Column Descriptions

Name	Null?	Type	Description
LOCATION_ID	NULL	NUMBER	Location identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
LOCATION_CODE	NULL	VARCHAR2(20)	Location code
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
PARTNER_ID	NULL	NUMBER	Partner identifier
PARTNER_SITE_ID	NULL	NUMBER	Partner site identifier
SR_TP_ID	NULL	NUMBER	Trading partner identifier from source application
SR_TP_SITE_ID	NULL	NUMBER	Trading partner site site identifier from source application
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
CREATION_DATE	NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who Column
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier
PARTNER_TYPE	NULL	NUMBER	Partner type

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MSC_ST_NET_RESOURCE_AVAIL

The staging table used by the collection program to validate and process data for table MSC_NET_RESOURCE_AVAIL.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
DEPARTMENT_ID	NULL	NUMBER	Department identifier (-1 for lines)
RESOURCE_ID	NULL	NUMBER	Resource identifier
SHIFT_NUM	NULL	NUMBER	Shift number
SHIFT_DATE	NULL	DATE	Calendar date
FROM_TIME	NULL	NUMBER	Shift start time
TO_TIME	NULL	NUMBER	Shift end time
CAPACITY_UNITS	NULL	NUMBER	Number of units available during the time interval
SIMULATION_SET	NULL	VARCHAR2(10)	Simulation set identifier
AGGREGATE_RESOURCE_ID	NULL	NUMBER	Reference to aggregate resource, if resource aggregated (denormalized column)
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicating whether the row will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier populate by the collection program

MSC_ST_OPERATION_COMPONENTS

The staging table used by the collection program to validate and process data for table MSC_OPERATION_COMPONENTS.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation sequence identifier
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Component sequence identifier
BILL_SEQUENCE_ID	NULL	NUMBER	Bill sequence identifier
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing sequence identifier
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS to be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh number populated by the collection program
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

MSC_ST_OPERATION_RESOURCES

The staging table used by the collection program to validate and process data for table MSC_OPERATION_RESOURCES.

Column Descriptions

Name	Null?	Type	Description
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing sequence identifier
RESOURCE_TYPE	NULL	NUMBER	Resource type
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation sequence identifier
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence number
RESOURCE_ID	NULL	NUMBER	Resource identifier
ALTERNATE_NUMBER	NULL	NUMBER	Alternate number
PRINCIPAL_FLAG	NULL	NUMBER	Flag to indicate whether the resource is the principal resource
BASIS_TYPE	NULL	NUMBER	Basis type
RESOURCE_USAGE	NULL	NUMBER	Resource usage
MAX_RESOURCE_UNITS	NULL	NUMBER	Maximum number of resource units consumed by this operation resource
RESOURCE_UNITS	NULL	NUMBER	Operation resource units (capacity)
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh number populated by the collection program

MSC_ST_OPERATION_RESOURCE_SEQS

The staging table used by the collection program to validate and process data for table MSC_OPERATION_RESOURCE_SEQS.

Column Descriptions

Name	Null?	Type	Description
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing sequence identifier
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation sequence identifier
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence number
SCHEDULE_FLAG	NULL	NUMBER	Schedule
RESOURCE_OFFSET_PERCENT	NULL	NUMBER	Resource offset percent
DEPARTMENT_ID	NULL	NUMBER	Department identifier
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh number populated by the collection program

MSC_ST_PARAMETERS

The staging table used by the collection program to validate and process data for table MSC_PARAMETERS.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER	
DEMAND_TIME_FENCE_FLAG	NULL	NUMBER	Flag to indicate whether to consider demand time fence
PLANNING_TIME_FENCE_FLAG	NULL	NUMBER	IS Flag to indicate whether to consider planning time fence
OPERATION_SCHEDULE_TYPE	NULL	NUMBER	Operation schedule type
CONSIDER_WIP	NULL	NUMBER	Flag to indicate whether to consider WIP
CONSIDER_PO	NULL	NUMBER	Flag to indicate whether to consider PO
SNAPSHOT_LOCK	NULL	NUMBER	Flag to indicate whether the snapshot should try to lock tables
PLAN_SAFETY_STOCK	NULL	NUMBER	Flag to indicate whether to plan safety stock
CONSIDER_RESERVATIONS	NULL	NUMBER	Flag to indicate whether to plan material reservations
PART_INCLUDE_TYPE	NULL	NUMBER	Flag to indicate which part to include
DEFAULT_ABC_ASSIGNMENT_GROUP	NULL	VARCHAR2(40)	Default ABC assignment group identifier
PERIOD_TYPE	NULL	NUMBER	Calculate periods based on work dates or calendar dates
RESCHED_ASSUMPTION	NULL	NUMBER	Reschedule assumption
PLAN_DATE_DEFAULT_TYPE	NULL	NUMBER	Plan date default type
INCLUDE_REP_SUPPLY_DAYS	NULL	NUMBER	Flag to indicate whether to include Supply days
INCLUDE_MDS_DAYS	NULL	NUMBER	Flag to indicate whether to include MDS days
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier populated by the collection program
REPETITIVE_HORIZON1	NULL	NUMBER(38)	First repetitive horizon
REPETITIVE_HORIZON2	NULL	NUMBER(38)	Second repetitive horizon
REPETITIVE_BUCKET_SIZE1	NULL	NUMBER(38)	First repetitive bucket size
REPETITIVE_BUCKET_SIZE2	NULL	NUMBER(38)	Second repetitive bucket size
REPETITIVE_BUCKET_SIZE3	NULL	NUMBER(38)	Third repetitive bucket size
REPETITIVE_ANCHOR_DATE	NULL	DATE	Repetitive anchor date

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MSC_ST_PARTNER_CONTACTS

The staging table used by the collection program to validate and process data for table MSC_PARTNER_CONTACTS.

Column Descriptions

Name	Null?	Type	Description
NAME	NULL	VARCHAR2(100)	Partner's user name
DISPLAY_NAME	NULL	VARCHAR2(240)	Partner's display name
PARTNER_ID	NULL	NUMBER	Partner Identifier
PARTNER_SITE_ID	NULL	NUMBER	Partner site identifier
PARTNER_TYPE	NULL	NUMBER	Indicate type of partner, supplier, customer, or buyer
EMAIL	NULL	VARCHAR2(240)	Partner's email address
FAX	NULL	VARCHAR2(240)	Partner's FAX number
ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating contact is enabled
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
REFRESH_ID	NULL	NUMBER	Refresh ID populated by the pull program
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

MSC_ST_PERIOD_START_DATES

The staging table used by the collection program to validate and process data for table MSC_PERIOD_START_DATES.

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE	NULL	VARCHAR2(14)	Calendar code
EXCEPTION_SET_ID	NULL	NUMBER	Exception set unique identifier
PERIOD_START_DATE	NULL	DATE	Period start date
PERIOD_SEQUENCE_NUM	NULL	NUMBER	Sequence number
PERIOD_NAME	NULL	VARCHAR2(3)	Period Name (depends on quarterly calendar type chosen)
NEXT_DATE	NULL	DATE	Next calendar date corresponding to next sequence number
PRIOR_DATE	NULL	DATE	Period start date
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier populated by the collection program
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

MSC_ST_PLANNERS

The staging table used by the collection program to validate and process data for table MSC_PLANNERS.

Column Descriptions

Name	Null?	Type	Description
PLANNER_CODE	NULL	VARCHAR2(10)	Planner code
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
CREATION_DATE	NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
DESCRIPTION	NULL	VARCHAR2(50)	Describe the planner
DISABLE_DATE	NULL	DATE	Date on which the planner record is disable
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
ELECTRONIC_MAIL_ADDRESS	NULL	VARCHAR2(240)	Electronic mail address
EMPLOYEE_ID	NULL	NUMBER	Employee identifier assigned to the planner
CURRENT_EMPLOYEE_FLAG	NULL	NUMBER	Flag indicate whether the planner is current employee
REFRESH_ID	NULL	NUMBER	Refresh identifier
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
USER_NAME	NULL	VARCHAR2(100)	

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MSC_ST_PROCESS_EFFECTIVITY

The staging table used by the collection program to validate and process data for table MSC_PROCESS_EFFECTIVITY.

Column Descriptions

Name	Null?	Type	Description
PROCESS_SEQUENCE_ID	NULL	NUMBER	Process sequence identifier
ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
EFFECTIVITY_DATE	NULL	DATE	Effectivity date of the process
DISABLE_DATE	NULL	DATE	Disable date of the process
MINIMUM_QUANTITY	NULL	NUMBER	Minimum quantity for which the process can be used to produce the item
MAXIMUM_QUANTITY	NULL	NUMBER	Maximum quantity for which the process can be used to produce the item
PREFERENCE	NULL	NUMBER	Preference
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing sequence identifier
BILL_SEQUENCE_ID	NULL	NUMBER	Bill sequence identifier
TOTAL_PRODUCT_CYCLE_TIME	NULL	NUMBER	Total time that an assembly takes along the primary path in the operation network calculated by flow manufacturing
ITEM_PROCESS_COST	NULL	NUMBER	Cost of alternate BOM and routing
LINE_ID	NULL	NUMBER	Line identifier
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier populated by the collection program
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
PRIMARY_LINE_FLAG	NULL	NUMBER	Flag indicating whether the line is used for lead time calculations
PRODUCTION_LINE_RATE	NULL	NUMBER	Number of assemblies which run down the line per hour
LOAD_DISTRIBUTION_PRIORITY	NULL	NUMBER	

MSC_ST_PROJECTS

The staging table used by the collection program to validate and process data for table MSC_PROJECTS.

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER(15)	Project identifier or Seiban identifier
ORGANIZATION_ID	NULL	NUMBER(15)	Organization identifier
PLANNING_GROUP	NULL	VARCHAR2(30)	Planning group code
COSTING_GROUP_ID	NULL	NUMBER	Costing group identifier
WIP_ACCT_CLASS_CODE	NULL	VARCHAR2(10)	Default WIP accounting class assigned to this project
SEIBAN_NUMBER_FLAG	NULL	NUMBER(1)	Flag indicates whether project_id identifies a project or a seiban
PROJECT_NAME	NULL	VARCHAR2(30)	Project name
PROJECT_NUMBER	NULL	VARCHAR2(25)	Project number or seiban number
PROJECT_NUMBER_SORT_ORDER	NULL	VARCHAR2(25)	Sort order
PROJECT_DESCRIPTION	NULL	VARCHAR2(250)	Describe the project
START_DATE	NULL	DATE	Project start date
COMPLETION_DATE	NULL	DATE	Project completion date
OPERATING_UNIT	NULL	NUMBER	Operating unit
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier
MATERIAL_ACCOUNT	NULL	NUMBER	Material account
MANAGER_CONTACT	NULL	VARCHAR2(100)	

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MSC_ST_PROJECT_TASKS

The staging table used by the collection program to validate and process data for table MSC_PROJECT_TASKS.

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
TASK_NUMBER	NULL	VARCHAR2(25)	Task number
TASK_NAME	NULL	VARCHAR2(20)	Task name
DESCRIPTION	NULL	VARCHAR2(250)	Task description
MANAGER	NULL	VARCHAR2(240)	Manager
START_DATE	NULL	DATE	Task start date
END_DATE	NULL	DATE	Task end date
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier populated by the collection program
MANAGER_CONTACT	NULL	VARCHAR2(100)	

MSC_ST_RESERVATIONS

The staging table used by the collection program to validate and process data for table MSC_RESERVATIONS.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
TRANSACTION_ID	NULL	NUMBER	Unique identifier generated from the source application instance
PARENT_DEMAND_ID	NULL	NUMBER	Parent demand identifier
DISPOSITION_ID	NULL	NUMBER	Disposition identifier
REQUIREMENT_DATE	NULL	DATE	Date of need
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
RESERVED_QUANTITY	NULL	NUMBER	Quantity reserved
DISPOSITION_TYPE	NULL	NUMBER	Disposition type
SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory identifier
RESERVATION_TYPE	NULL	NUMBER	Reservation type
DEMAND_CLASS	NULL	VARCHAR2(34)	Demand class code
AVAILABLE_TO_MRP	NULL	NUMBER	Available-to-MRP flag
RESERVATION_FLAG	NULL	NUMBER	Reservation flag
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
PLANNING_GROUP	NULL	VARCHAR2(30)	Planning group code
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier populated by the collection program

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MSC_ST_RESOURCE_CHANGES

The staging table used by the collection program to validate and process data for table MSC_RESOURCE_CHANGES.

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID	NULL	NUMBER	Department identifier (-1 for lines)
RESOURCE_ID	NULL	NUMBER	Resource identifier
SHIFT_NUM	NULL	NUMBER	Shift number
FROM_DATE	NULL	DATE	Capacity exception from date
TO_DATE	NULL	DATE	Capacity exception to date
FROM_TIME	NULL	NUMBER	Capacity exception from time
TO_TIME	NULL	NUMBER	Capacity exception to time
CAPACITY_CHANGE	NULL	NUMBER	Capacity change
SIMULATION_SET	NULL	VARCHAR2(10)	Simulation set identifier
ACTION_TYPE	NULL	NUMBER	Type of capacity modification
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier populated by the collection program
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

MSC_ST_RESOURCE_GROUPS

The staging table used by the collection program to validate and process data for table MSC_ST_RESOURCE_CHANGES.

Column Descriptions

Name	Null?	Type	Description
GROUP_CODE	NULL	VARCHAR2(30)	Resource group code
MEANING	NULL	VARCHAR2(80)	Meaning
DESCRIPTION	NULL	VARCHAR2(250)	Resource group description
FROM_DATE	NULL	DATE	Resource start date
TO_DATE	NULL	DATE	Resource end date
ENABLED_FLAG	NULL	NUMBER	Flag indicates whether resource group is enable
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
CREATION_DATE	NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who Column
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
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
REFRESH_ID	NULL	NUMBER	Refresh identifier

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MSC_ST_RESOURCE_REQUIREMENTS

The staging table used by the collection program to validate and process data for table MSC_RESOURCE_REQUIREMENTS.

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID	NULL	NUMBER	Department identifier
RESOURCE_ID	NULL	NUMBER	Resource identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
SUPPLY_ID	NULL	NUMBER	Supply identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation sequence identifier
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence number
START_DATE	NULL	DATE	Start date of the resource requirement
OPERATION_HOURS_REQUIRED	NULL	NUMBER	Operation hours required
HOURS_EXPENDED	NULL	NUMBER	Hours expended
DEMAND_CLASS	NULL	VARCHAR2(34)	Demand class code
BASIS_TYPE	NULL	NUMBER	Basis type
ASSIGNED_UNITS	NULL	NUMBER	Assigned units
END_DATE	NULL	DATE	End date of the resource requirement
WIP_JOB_TYPE	NULL	NUMBER	WIP job type
SCHEDULED_COMPLETION_DATE	NULL	DATE	Schedule completion date
SCHEDULED_QUANTITY	NULL	NUMBER	Quantity scheduled
QUANTITY_COMPLETED	NULL	NUMBER	Quantity completed
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier
WIP_ENTITY_ID	NULL	NUMBER	WIP job identifier
STD_OP_CODE	NULL	VARCHAR2(4)	Standard OP code
SUPPLY_TYPE	NULL	NUMBER	Supply type

MSC_ST_RESOURCE_SHIFTS

The staging table used by the collection program to validate and process data for table MSC_RESOURCE_SHIFTS.

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID	NULL	NUMBER	Department identifier
RESOURCE_ID	NULL	NUMBER	Resource identifier
SHIFT_NUM	NULL	NUMBER	Shift number
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

MSC_ST_ROUTINGS

The staging table used by the collection program to validate and process data for table MSC_ROUTINGS.

Column Descriptions

Name	Null?	Type	Description
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing sequence identifier
ASSEMBLY_ITEM_ID	NULL	NUMBER	Assembly item identifier
ROUTING_TYPE	NULL	NUMBER	Routing type
ROUTING_COMMENT	NULL	VARCHAR2(240)	Routing comment
PRIORITY	NULL	NUMBER	Routing priority
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Name of the alternate routing. Null for primary routing
PROJECT_ID	NULL	NUMBER	Project identifier
TASK_ID	NULL	NUMBER	Task identifier
LINE_ID	NULL	NUMBER	Manufacturing line identifier
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code
CFM_ROUTING_FLAG	NULL	NUMBER	CFM routing flag
CTP_FLAG	NULL	NUMBER	CTP flag
ROUTING_QUANTITY	NULL	NUMBER	Routing quantity
COMPLETION_SUBINVENTORY	NULL	VARCHAR2(10)	Completion subinventory
COMPLETION_LOCATOR_ID	NULL	NUMBER	Completion locator identifier
COMMON_ROUTING_SEQUENCE_ID	NULL	NUMBER	Common routing sequence identifier
MIXED_MODEL_MAP_FLAG	NULL	NUMBER	Mix model map flag
TOTAL_PRODUCT_CYCLE_TIME	NULL	NUMBER	Total product cycle time
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_ST_ROUTING_OPERATIONS

The staging table used by the collection program to validate and process data for table MSC_ROUTING_OPERATIONS.

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation sequence identifier
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing sequence identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
OPERATION_DESCRIPTION	NULL	VARCHAR2(240)	Operation description
EFFECTIVITY_DATE	NULL	DATE	Date operation is effective
DISABLE_DATE	NULL	DATE	End of effectivity
FROM_UNIT_NUMBER	NULL	VARCHAR2(30)	Effective from this unit number
TO_UNIT_NUMBER	NULL	VARCHAR2(30)	Effective up to this unit number
OPTION_DEPENDENT_FLAG	NULL	NUMBER	Flag to indicate whether this operation option dependent
OPERATION_TYPE	NULL	NUMBER	Indicate operation type: Process, Line, or Event.
MINIMUM_TRANSFER_QUANTITY	NULL	NUMBER	Minimum operation transfer quantity
YIELD	NULL	NUMBER	Process yield at this operation
DEPARTMENT_ID	NULL	NUMBER	Department identifier
DEPARTMENT_CODE	NULL	VARCHAR2(10)	Department code
OPERATION_LEAD_TIME_PERCENT	NULL	NUMBER	Indicates the amount of overlap its lead time has with the parent lead time
CUMULATIVE_YIELD	NULL	NUMBER	Cumulative process yield from the beginning of routing to this operation
REVERSE_CUMULATIVE_YIELD	NULL	NUMBER	Cumulative process yield from the end of routing to comparable operation
NET_PLANNING_PERCENT	NULL	NUMBER	Cumulative planning percents derived from the operation network
TEAR_DOWN_DURATION	NULL	NUMBER	Duration of the tear down for this operation
SETUP_DURATION	NULL	NUMBER	Duration of the set-up
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code
STANDARD_OPERATION_CODE	NULL	VARCHAR2(4)	Code of the standard operation on which this operation is based
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_ST_SAFETY_STOCKS

The staging table used by the collection program to validate and process data for table MSC_SAFETY_STOCKS.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
PERIOD_START_DATE	NULL	DATE	Period start date
SAFETY_STOCK_QUANTITY	NULL	NUMBER	Safety stock quantity
UPDATED	NULL	NUMBER	Updated flag
STATUS	NULL	NUMBER	Status flag
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_ST_SALES_ORDERS

The staging table used by the collection program to validate and process data for table MSC_SAFETY_STOCKS.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
DEMAND_ID	NULL	NUMBER	Unique identifier of a demand row from source application instance
PRIMARY_UOM_QUANTITY	NULL	NUMBER	Primary UOM quantity
RESERVATION_TYPE	NULL	NUMBER	Code for type of reservation
RESERVATION_QUANTITY	NULL	NUMBER	Total quantity reserved expressed in primary unit of measure
DEMAND_SOURCE_TYPE	NULL	NUMBER	Demand source type
DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	Header ID for the source of the demand
COMPLETED_QUANTITY	NULL	NUMBER	Completed quantity
SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory code
DEMAND_CLASS	NULL	VARCHAR2(34)	Demand class code
REQUIREMENT_DATE	NULL	DATE	Planned ship date for summary demand
DEMAND_SOURCE_LINE	NULL	VARCHAR2(40)	Line id of demand source
DEMAND_SOURCE_DELIVERY	NULL	VARCHAR2(30)	For Sales Order demand, Line id of Sales order line detail row (SO_LINE_DETAILS.LINE_DETAIL_ID) from source application instance
DEMAND_SOURCE_NAME	NULL	VARCHAR2(30)	Identifier for user-defined Source Type
PARENT_DEMAND_ID	NULL	NUMBER	Parent demand identifier
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh number populated by the collection program
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
SALES_ORDER_NUMBER	NULL	VARCHAR2(122)	Sales order number
SALESREP_CONTACT	NULL	VARCHAR2(100)	
ORDERED_ITEM_ID	NULL	NUMBER	Ordered item identifier
AVAILABLE_TO_MRP	NULL	VARCHAR2(1)	Available to MRP flag
CUSTOMER_ID	NULL	NUMBER	Customer identifier
SHIP_TO_SITE_USE_ID	NULL	NUMBER	Ship to identifier of the sales order

Column Descriptions (Continued)

Name	Null?	Type	Description
BILL_TO_SITE_USE_ID	NULL	NUMBER	Bill to identifier of the sales order
LINE_NUM	NULL	NUMBER	Sales order line number
TERRITORY_ID	NULL	NUMBER	Territory identifier of the sales order
UPDATE_SEQ_NUM	NULL	NUMBER	Update sequence number
DEMAND_TYPE	NULL	NUMBER	Demand type
PROJECT_ID	NULL	NUMBER	Project identifier
TASK_ID	NULL	NUMBER	Task identifier
PLANNING_GROUP	NULL	VARCHAR2(30)	Planning group
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Unit number identifier
DEMAND_PRIORITY	NULL	NUMBER	Demand priority

MSC_ST_SHIFT_DATES

The staging table used by the collection program to validate and process data for table MSC_SHIFT_DATES.

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE	NULL	VARCHAR2(14)	Calendar code
EXCEPTION_SET_ID	NULL	NUMBER	Exception set identifier
SHIFT_NUM	NULL	NUMBER	Calendar shift number
SHIFT_DATE	NULL	DATE	Calendar date
SEQ_NUM	NULL	NUMBER	Sequence number for shift date (only for working dates)
NEXT_SEQ_NUM	NULL	NUMBER	Next sequence number for calendar date (working day)
PRIOR_SEQ_NUM	NULL	NUMBER	Prior sequence number for calendar date (working day)
NEXT_DATE	NULL	DATE	Next date corresponding to next sequence number
PRIOR_DATE	NULL	DATE	Prior date corresponding to prior sequence number
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

MSC_ST_SHIFT_EXCEPTIONS

The staging table used by the collection program to validate and process data for table MSC_SHIFT_EXCEPTIONS.

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE	NULL	VARCHAR2(14)	Calendar code
SHIFT_NUM	NULL	NUMBER	Calendar shift number
EXCEPTION_SET_ID	NULL	NUMBER	Exception set identifier
EXCEPTION_DATE	NULL	DATE	Exception date
EXCEPTION_TYPE	NULL	NUMBER	Exception type
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

MSC_ST_SHIFT_TIMES

The staging table used by the collection program to validate and process data for table MSC_SHIFT_TIMES.

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE	NULL	VARCHAR2(14)	Calendar code
SHIFT_NUM	NULL	NUMBER	Shift number
FROM_TIME	NULL	NUMBER	Shift start time
TO_TIME	NULL	NUMBER	Shift end time
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REFRESH_ID	NULL	NUMBER	Refresh identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier

MSC_ST_SIMULATION_SETS

The staging table used by the collection program to validate and process data for table MSC_SIMULATION_SETS.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
SIMULATION_SET	NULL	VARCHAR2(10)	Simulation set
DESCRIPTION	NULL	VARCHAR2(50)	Describe simulation set
USE_IN_WIP_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
DELETED_FLAG	NULL	NUMBER	
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	

MSC_ST_SOURCING_HISTORY

The staging table used by the collection program to validate and process data for table MSC_SOURCING_HISTORY.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Id
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Id
SR_INSTANCE_ID	NOT NULL	NUMBER	sr instance Id
SOURCING_RULE_ID	NOT NULL	NUMBER	Sourcing Rule/Bill of Distribution identifier
SOURCE_ORG_ID	NULL	NUMBER	Source Org Id
SOURCE_SR_INSTANCE_ID	NULL	NUMBER	source org sr instance Id
SUPPLIER_ID	NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier
HISTORICAL_ALLOCATION	NOT NULL	NUMBER	Historical Allocation
REFRESH_NUMBER	NULL	NUMBER	Refresh Number
LAST_CALCULATED_DATE	NOT NULL	DATE	Last Calculated Date
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_ST_SOURCING_HISTORY_U1	UNIQUE	1	SOURCING_RULE_ID
		2	INVENTORY_ITEM_ID
		3	ORGANIZATION_ID
		4	SR_INSTANCE_ID

MSC_ST_SOURCING_RULES

The staging table used by the collection program to validate and process data for table MSC_SOURCING_RULES.

Column Descriptions

Name	Null?	Type	Description
SOURCING_RULE_ID	NULL	NUMBER	Sourcing rule / Bill of Distribution identifier
SR_SOURCING_RULE_ID	NULL	NUMBER	Sourcing rule / Bill of Distribution identifier from source application
SOURCING_RULE_NAME	NULL	VARCHAR2(30)	Sourcing rule / Bill of Distribution name
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
DESCRIPTION	NULL	VARCHAR2(80)	Describe Sourcing rule / Bill of Distribution
STATUS	NULL	NUMBER	Status flag
SOURCING_RULE_TYPE	NULL	NUMBER	Flag indicates whether the row is sourcing rule or bill of distribution
PLANNING_ACTIVE	NULL	NUMBER	Flag indicates whether the row is planning active
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

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MSC_ST_SR_ASSIGNMENTS

The staging table used by the collection program to validate and process data for table MSC_SR_ASSIGNMENTS.

Column Descriptions

Name	Null?	Type	Description
ASSIGNMENT_ID	NULL	NUMBER	Unique identifier for the row
SR_ASSIGNMENT_ID	NULL	NUMBER	Unique identifier for the row from the source application
ASSIGNMENT_SET_ID	NULL	NUMBER	Assignment set unique identifier
ASSIGNMENT_TYPE	NULL	NUMBER	Assignment set type
SOURCING_RULE_ID	NULL	NUMBER	Sourcing rule / Bill of Distribution identifier
SOURCING_RULE_TYPE	NULL	NUMBER	Sourcing rule type
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
PARTNER_ID	NULL	NUMBER	Trading partner identifier
SHIP_TO_SITE_ID	NULL	NUMBER	Ship to site identifier
CUSTOMER_NAME	NULL	VARCHAR2(50)	Customer name
SITE_USE_CODE	NULL	VARCHAR2(30)	Site use code
LOCATION	NULL	VARCHAR2(40)	Location
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
CATEGORY_ID	NULL	NUMBER	Category identifier
CATEGORY_NAME	NULL	VARCHAR2(163)	Category name
CATEGORY_SET_IDENTIFIER	NULL	NUMBER	Category set identifier
CATEGORY_SET_NAME	NULL	VARCHAR2(30)	Category set name
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier
SR_ASSIGNMENT_INSTANCE_ID	NULL	NUMBER	Source application instance identifier for the source assignment record

MSC_ST_SR_RECEIPT_ORG

The staging table used by the collection program to validate and process data for table MSC_SR_RECEIPT_ORG.

Column Descriptions

Name	Null?	Type	Description
SR_RECEIPT_ID	NULL	NUMBER	Unique identifier for a row generated at planning server
SR_SR_RECEIPT_ORG	NULL	NUMBER	Receiving org from source application instance
SOURCING_RULE_ID	NULL	NUMBER	Sourcing rule / Bill of Distribution identifier
RECEIPT_PARTNER_ID	NULL	NUMBER	Trading partner unique identifier
RECEIPT_PARTNER_SITE_ID	NULL	NUMBER	Trading partner site unique identifier
EFFECTIVE_DATE	NULL	DATE	Date of effectivity
DISABLE_DATE	NULL	DATE	Disable date
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier
RECEIPT_ORG_INSTANCE_ID	NULL	NUMBER	Source application instance identifier associated with the receiving org

MSC_ST_SR_SOURCE_ORG

The staging table used by the collection program to validate and process data for table MSC_SR_SOURCE_ORG.

Column Descriptions

Name	Null?	Type	Description
SR_SOURCE_ID	NULL	NUMBER	Unique identifier for a row generated at planning server
SR_SR_SOURCE_ID	NULL	NUMBER	Unique identifier for for the row generated at the source application
SR_RECEIPT_ID	NULL	NUMBER	SR receipt unique identifier
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Source organization identifier
SOURCE_PARTNER_ID	NULL	NUMBER	Source trading partner identifier
SOURCE_PARTNER_SITE_ID	NULL	NUMBER	Source trading partner site identifier
SECONDARY_INVENTORY	NULL	VARCHAR2(10)	Secondary inventory code (not currently used)
SOURCE_TYPE	NULL	NUMBER	Source type
ALLOCATION_PERCENT	NULL	NUMBER	Percent of supply allocated to this source
RANK	NULL	NUMBER	Rank of source
VENDOR_NAME	NULL	VARCHAR2(80)	Supplier name
VENDOR_SITE_CODE	NULL	VARCHAR2(15)	Supplier site code
SHIP_METHOD	NULL	VARCHAR2(30)	Ship method
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier associated with the sr source org record
REFRESH_ID	NULL	NUMBER	Refresh identifier
SOURCE_ORG_INSTANCE_ID	NULL	NUMBER	Source application instance identifier associated with the source organization

MSC_ST_SUB_INVENTORIES

The staging table used by the collection program to validate and process data for table MSC_SUB_INVENTORIES.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
SUB_INVENTORY_CODE	NULL	VARCHAR2(10)	Sub-inventory code
DESCRIPTION	NULL	VARCHAR2(50)	Describe sub-inventory
DISABLE_DATE	NULL	DATE	Date on which the row is no longer in used
NETTING_TYPE	NULL	NUMBER	Netting type
DEMAND_CLASS	NULL	VARCHAR2(34)	Demand class code
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier
INVENTORY_ATP_CODE	NULL	NUMBER	Inventory ATP code

MSC_ST_SUPPLIER_CAPACITIES

The staging table used by the collection program to validate and process data for table MSC_SUPPLIER_CAPACITIES.

Column Descriptions

Name	Null?	Type	Description
SUPPLIER_ID	NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
USING_ORGANIZATION_ID	NULL	NUMBER	Using organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
VENDOR_NAME	NULL	VARCHAR2(80)	Supplier name
VENDOR_SITE_CODE	NULL	VARCHAR2(15)	Supplier site code
FROM_DATE	NULL	DATE	First date of valid capacity
TO_DATE	NULL	DATE	Last date of valid capacity
CAPACITY	NULL	NUMBER	Capacity
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_ST_SUPPLIER_FLEX_FENCES

The staging table used by the collection program to validate and process data for table MSC_SUPPLIER_FLEX_FENCES.

Column Descriptions

Name	Null?	Type	Description
SUPPLIER_ID	NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
USING_ORGANIZATION_ID	NULL	NUMBER	Using organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
VENDOR_NAME	NULL	VARCHAR2(80)	Supplier name
VENDOR_SITE_CODE	NULL	VARCHAR2(15)	Supplier site code
FENCE_DAYS	NULL	NUMBER	Number of advance days
TOLERANCE_PERCENTAGE	NULL	NUMBER	Capacity tolerance percentage
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_ST_SUPPLIES

The staging table used by the collection program to validate and process data for table MSC_SUPPLIES.

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NULL	NUMBER	Plan identifier
TRANSACTION_ID	NULL	NUMBER	Transaction unique identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
SCHEDULE_DESIGNATOR_ID	NULL	NUMBER	Schedule designator identifier
SOURCE_SCHEDULE_NAME	NULL	VARCHAR2(10)	Source schedule name
REVISION	NULL	VARCHAR2(10)	Inventory item revision code
UNIT_NUMBER	NULL	VARCHAR2(30)	Unit number
NEW_SCHEDULE_DATE	NULL	DATE	End date of the supply (completion date of first unit)
OLD_SCHEDULE_DATE	NULL	DATE	Old schedule date
NEW_WIP_START_DATE	NULL	DATE	New WIP schedule start date
OLD_WIP_START_DATE	NULL	DATE	Old WIP schedule start date
FIRST_UNIT_COMPLETION_DATE	NULL	DATE	First unit completion date for recommended repetitive schedules
LAST_UNIT_COMPLETION_DATE	NULL	DATE	Last unit completion date for recommended repetitive schedules
FIRST_UNIT_START_DATE	NULL	DATE	First unit start date for repetitive schedule
LAST_UNIT_START_DATE	NULL	DATE	Last unit start date for repetitive schedule
DISPOSITION_ID	NULL	NUMBER	Identifier which references to source of supply
DISPOSITION_STATUS_TYPE	NULL	NUMBER	Disposition type code
ORDER_TYPE	NULL	NUMBER	Specifies type of order: planned order, purchase order, etc...
SUPPLIER_ID	NULL	NUMBER	Supplier identifier
NEW_ORDER_QUANTITY	NULL	NUMBER	Supply quantity
OLD_ORDER_QUANTITY	NULL	NUMBER	Old order quantity
NEW_ORDER_PLACEMENT_DATE	NULL	DATE	New order placement date
OLD_ORDER_PLACEMENT_DATE	NULL	DATE	Old order placement date
RESCHEDULE_DAYS	NULL	NUMBER	Different between old and new schedule dates
RESCHEDULE_FLAG	NULL	NUMBER	Flag indicating if this row been rescheduled
SCHEDULE_COMPRESS_DAYS	NULL	NUMBER	Schedule compress days
NEW_PROCESSING_DAYS	NULL	NUMBER	Repetitive schedule processing days
PURCH_LINE_NUM	NULL	NUMBER	Purchase order line number (for purchase order)
QUANTITY_IN_PROCESS	NULL	NUMBER	Quantity being processed by the WIP/PO interface processes
IMPLEMENTED_QUANTITY	NULL	NUMBER	Planned order implemented quantity
FIRM_PLANNED_TYPE	NULL	NUMBER	Flag indicating whether the order is firm
FIRM_QUANTITY	NULL	NUMBER	Firm quantity
FIRM_DATE	NULL	DATE	Firm date

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Column Descriptions (Continued)

Name	Null?	Type	Description
IMPLEMENT_DEMAND_CLASS	NULL	VARCHAR2(34)	Implement demand class
IMPLEMENT_DATE	NULL	DATE	Implement due date
IMPLEMENT_QUANTITY	NULL	NUMBER	Planned order implemented quantity
IMPLEMENT_FIRM	NULL	NUMBER	Implement firm flag
IMPLEMENT_WIP_CLASS_CODE	NULL	VARCHAR2(10)	Implement WIP class code
IMPLEMENT_JOB_NAME	NULL	VARCHAR2(240)	Implement job name
IMPLEMENT_DOCK_DATE	NULL	DATE	Implement dock date
IMPLEMENT_STATUS_CODE	NULL	NUMBER	Implement status code
IMPLEMENT_UOM_CODE	NULL	VARCHAR2(3)	Implement unit of measure code
IMPLEMENT_LOCATION_ID	NULL	NUMBER	Implement location identifier
IMPLEMENT_SOURCE_ORG_ID	NULL	NUMBER	Implement source organization identifier
IMPLEMENT_SUPPLIER_ID	NULL	NUMBER	Implement supplier identifier
IMPLEMENT_SUPPLIER_SITE_ID	NULL	NUMBER	Implement supplier site identifier
IMPLEMENT_AS	NULL	NUMBER	Implement order type
RELEASE_STATUS	NULL	NUMBER	Release status code
LOAD_TYPE	NULL	NUMBER	Load program to execute
PROCESS_SEQ_ID	NULL	NUMBER	Process sequence identifier
SCO_SUPPLY_FLAG	NULL	NUMBER	Flag to indicate if supply was suggested by SCO
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate BOM designator
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate routing designator
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
SOURCE	NULL	NUMBER	
BY_PRODUCT_USING_ASSY_ID	NULL	NUMBER	
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Source organization identifier
SOURCE_SR_INSTANCE_ID	NULL	NUMBER	Source org instance identifier
SOURCE_SUPPLIER_SITE_ID	NULL	NUMBER	Source supplier site identifier
SOURCE_SUPPLIER_ID	NULL	NUMBER	Source supplier identifier
SHIP_METHOD	NULL	NUMBER	Ship method
WEIGHT_CAPACITY_USED	NULL	NUMBER	Weight capacity used
VOLUME_CAPACITY_USED	NULL	NUMBER	Volume capacity used
SOURCE_SUPPLY_SCHEDULE_NAME	NULL	NUMBER	Source supply schedule name
NEW_SHIP_DATE	NULL	DATE	New ship date
NEW_DOCK_DATE	NULL	DATE	New suggested dock date
LINE_ID	NULL	NUMBER	Manufacturing line identifier
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
PLANNING_GROUP	NULL	VARCHAR2(30)	Planning group code
IMPLEMENT_PROJECT_ID	NULL	NUMBER(15)	Implement project identifier
IMPLEMENT_TASK_ID	NULL	NUMBER(15)	Implement task identifier
IMPLEMENT_SCHEDULE_GROUP_ID	NULL	NUMBER	Implement schedule group identifier
IMPLEMENT_BUILD_SEQUENCE	NULL	NUMBER	Implement build sequence for the planned order to be implemented as a discrete job
IMPLEMENT_ALTERNATE_BOM	NULL	VARCHAR2(10)	Implement alternate BOM designator
IMPLEMENT_ALTERNATE_ROUTING	NULL	VARCHAR2(10)	Implement alternate routing
IMPLEMENT_UNIT_NUMBER	NULL	VARCHAR2(30)	Implement unit number
IMPLEMENT_LINE_ID	NULL	NUMBER	Implement line identifier
RELEASE_ERRORS	NULL	VARCHAR2(1)	
NUMBER1	NULL	NUMBER	???
SOURCE_ITEM_ID	NULL	NUMBER	Source item identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORDER_NUMBER	NULL	VARCHAR2(240)	Order number
SCHEDULE_GROUP_ID	NULL	NUMBER	Schedule group identifier
SCHEDULE_GROUP_NAME	NULL	VARCHAR2(30)	Schedule group name
BUILD_SEQUENCE	NULL	NUMBER	Build Sequence for the Planned Order
WIP_ENTITY_ID	NULL	NUMBER	WIP entity identifier
WIP_ENTITY_NAME	NULL	VARCHAR2(240)	WIP entity name
WO_LATENESS_COST	NULL	NUMBER	Work order lateness cost
IMPLEMENT_PROCESSING_DAYS	NULL	NUMBER	Implement processing days
DELIVERY_PRICE	NULL	NUMBER	Supply unit price for purchasing supply
LATE_SUPPLY_DATE	NULL	DATE	Supply date for the shadow part of the split supplies
LATE_SUPPLY_QTY	NULL	NUMBER	Shadow supply quantity
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Sub-inventory code
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
SCHEDULE_DESIGNATOR	NULL	VARCHAR2(10)	Schedule designator
VENDOR_ID	NULL	NUMBER	Supplier identifier
VENDOR_SITE_ID	NULL	NUMBER	Supplier site identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier
PURCH_ORDER_ID	NULL	NUMBER	Purchase order identifier
EXPECTED_SCRAP_QTY	NULL	NUMBER	Expected scrap qty
QTY_SCRAPPED	NULL	NUMBER	Current job scrapped units
QTY_COMPLETED	NULL	NUMBER	Current job quantity completed
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number for on-hand quantities
EXPIRATION_DATE	NULL	DATE	Expiration date
WIP_STATUS_CODE	NULL	NUMBER	WIP job status code
DAILY_RATE	NULL	NUMBER	Daily rate for recommended repetitive schedules
LOCATOR_ID	NULL	NUMBER	Locator identifier
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial number
REFRESH_ID	NULL	NUMBER	Refresh identifier
LOCATOR_NAME	NULL	VARCHAR2(204)	Locator name
ONHAND_SOURCE_TYPE	NULL	NUMBER	Onhand source type
SR_MTL_SUPPLY_ID	NULL	NUMBER	Supply identifier from the source
DEMAND_CLASS	NULL	VARCHAR2(34)	Demand class code
FROM_ORGANIZATION_ID	NULL	NUMBER	From organization identifier
WIP_SUPPLY_TYPE	NULL	NUMBER	WIP supply type
PO_LINE_ID	NULL	NUMBER	Purchase order line identifier

MSC_ST_SYSTEM_ITEMS

The staging table used by the collection program to validate and process data for table MSC_SYSTEM_ITEMS.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
SR_ORGANIZATION_ID	NULL	NUMBER	Source organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
SR_INVENTORY_ITEM_ID	NULL	NUMBER	Source inventory item identifier
ITEM_NAME	NULL	VARCHAR2(40)	Item name
LOTS_EXPIRATION	NULL	NUMBER	Lots expiration
LOT_CONTROL_CODE	NULL	NUMBER	Flag indicating if lots_expiration is used or not
SHRINKAGE_RATE	NULL	NUMBER	Percentage of shrinkage for this item
FIXED_DAYS_SUPPLY	NULL	NUMBER	Period of the supply days
FIXED_ORDER_QUANTITY	NULL	NUMBER	Fixed order quantity
FIXED_LOT_MULTIPLIER	NULL	NUMBER	Fixed lot multiplier
MINIMUM_ORDER_QUANTITY	NULL	NUMBER	Minimum size of an order
MAXIMUM_ORDER_QUANTITY	NULL	NUMBER	Maximum size of an order
ROUNDING_CONTROL_TYPE	NULL	NUMBER	Flag indicating if rounding of the quantity is allowed
PLANNING_TIME_FENCE_DAYS	NULL	NUMBER	Planning time fences days of the item
DEMAND_TIME_FENCE_DAYS	NULL	NUMBER	Demand time fence days
RELEASE_TIME_FENCE_CODE	NULL	NUMBER	Release time fence code
RELEASE_TIME_FENCE_DAYS	NULL	NUMBER	Release time fence days
DESCRIPTION	NULL	VARCHAR2(240)	Item description
IN_SOURCE_PLAN	NULL	NUMBER	Flag indicating whether the item is in the plan
REVISION	NULL	VARCHAR2(3)	Item revision code
SR_CATEGORY_ID	NULL	NUMBER	Source category identifier
CATEGORY_NAME	NULL	VARCHAR2(200)	Category name
ABC_CLASS_ID	NULL	NUMBER	ABC class identifier
ABC_CLASS_NAME	NULL	VARCHAR2(40)	ABC class name
MRP_PLANNING_CODE	NULL	NUMBER	MRP planning code
FIXED_LEAD_TIME	NULL	NUMBER	Fixed lead time
VARIABLE_LEAD_TIME	NULL	NUMBER	Variable lead time
PREPROCESSING_LEAD_TIME	NULL	NUMBER	Preprocessing lead time
POSTPROCESSING_LEAD_TIME	NULL	NUMBER	Postprocessing lead time
FULL_LEAD_TIME	NULL	NUMBER	Full lead time
CUMULATIVE_TOTAL_LEAD_TIME	NULL	NUMBER	Cumulative total lead time
CUM_MANUFACTURING_LEAD_TIME	NULL	NUMBER	Cumulative manufacturing lead time
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code
UNIT_WEIGHT	NULL	NUMBER	Weight of the item
UNIT_VOLUME	NULL	NUMBER	Volume of the item
WEIGHT_UOM	NULL	VARCHAR2(3)	Unit of measure for the weight
VOLUME_UOM	NULL	VARCHAR2(3)	Unit of measure for the volume
PRODUCT_FAMILY_ID	NULL	NUMBER	Product family identifier
ATP_RULE_ID	NULL	NUMBER	ATP rule identifier
MRP_CALCULATE_ATP_FLAG	NULL	NUMBER	Flag indication whether to calculate ATP in MRP

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATP_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating whether to calculate components ATP
BUILT_IN_WIP_FLAG	NULL	NUMBER	Flag to indicate if the item can be built in WIP
PURCHASING_ENABLED_FLAG	NULL	NUMBER	Flag to indicate if the item can be purchased
PLANNING_MAKE_BUY_CODE	NULL	NUMBER	Plan this item as either a make item or buy item
REPETITIVE_TYPE	NULL	NUMBER	Flag indicates if this item build repetitively
STANDARD_COST	NULL	NUMBER	Standard cost
CARRYING_COST	NULL	NUMBER	Actual carrying cost
ORDER_COST	NULL	NUMBER	Order cost
DMD_LATENESS_COST	NULL	NUMBER	DMD lateness cost
SS_PENALTY_COST	NULL	NUMBER	SS penalty cost
SUPPLIER_CAP_OVERUTIL_COST	NULL	NUMBER	Supplier capacity over-utilization cost
LIST_PRICE	NULL	NUMBER	Item list price
AVERAGE_DISCOUNT	NULL	NUMBER	Item average discount
END_ASSEMBLY_PEGGING_FLAG	NULL	VARCHAR2(1)	Peg to the end assembly on reports
END_ASSEMBLY_PEGGING	NULL	NUMBER	Peg to the end assembly on reports (value is populated by the plan)
FULL_PEGGING	NULL	NUMBER	Full pegging flag
ENGINEERING_ITEM_FLAG	NULL	NUMBER	Engineering item flag
WIP_SUPPLY_TYPE	NULL	NUMBER	WIP supply type
MRP_SAFETY_STOCK_CODE	NULL	NUMBER	Safety stock code
MRP_SAFETY_STOCK_PERCENT	NULL	NUMBER	Safety stock percent
SAFETY_STOCK_BUCKET_DAYS	NULL	NUMBER	Safety stock bucket days
INVENTORY_USE_UP_DATE	NULL	DATE	Use up date
BUYER_NAME	NULL	VARCHAR2(240)	Buyer name
PLANNER_CODE	NULL	VARCHAR2(10)	Planner code
PLANNING_EXCEPTION_SET	NULL	VARCHAR2(10)	Exception control set
EXCESS_QUANTITY	NULL	NUMBER	Excess quantity
EXCEPTION_SHORTAGE_DAYS	NULL	NUMBER	Exception shortage days
EXCEPTION_EXCESS_DAYS	NULL	NUMBER	Exception excess days
EXCEPTION_OVERPROMISED_DAYS	NULL	NUMBER	Exception overpromised days
REPETITIVE_VARIANCE_DAYS	NULL	NUMBER	Repetitive variance days
BASE_ITEM_ID	NULL	NUMBER	Inventory base item identifier
BOM_ITEM_TYPE	NULL	NUMBER	BOM item type
ATO_FORECAST_CONTROL	NULL	NUMBER	ATO forecast control
ORGANIZATION_CODE	NULL	VARCHAR2(7)	Organization code
EFFECTIVITY_CONTROL	NULL	NUMBER	Effectivity control code
ACCEPTABLE_EARLY_DELIVERY	NULL	NUMBER	Acceptable early delivery
INVENTORY_PLANNING_CODE	NULL	NUMBER	Inventory planning code
INVENTORY_TYPE	NULL	NUMBER	Inventory type
ACCEPTABLE_RATE_INCREASE	NULL	NUMBER	Acceptable rate increase
ACCEPTABLE_RATE_DECREASE	NULL	NUMBER	Acceptable rate increase
PRIMARY_SUPPLIER_ID	NULL	NUMBER	Primary supplier identifier
DELETED_FLAG	NULL	NUMBER	Peg to the end assembly on reports
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier
ATP_FLAG	NULL	VARCHAR2(1)	ATP flag
INVENTORY_ITEM_FLAG	NULL	NUMBER	Inventory item identifier
REVISION_QTY_CONTROL_CODE	NULL	NUMBER	Revision quantity control control
EXPENSE_ACCOUNT	NULL	NUMBER	Expense account
INVENTORY_ASSET_FLAG	NULL	VARCHAR2(1)	Inventory asset flag
BUYER_ID	NULL	NUMBER(9)	Buyer identifier
MATERIAL_COST	NULL	NUMBER	Material cost
RESOURCE_COST	NULL	NUMBER	Resource cost
SOURCE_ORG_ID	NULL	NUMBER	Source organization identifier
PICK_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating whether all shippable components should be picked

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MSC_ST_TRADING_PARTNERS

The staging table used by the collection program to validate and process data for table MSC_TRADING_PARTNERS.

Column Descriptions

Name	Null?	Type	Description
PARTNER_ID	NULL	NUMBER	Unique partner identifier which can be customer id, supplier id, or inventory organization id
ORGANIZATION_CODE	NULL	VARCHAR2(7)	Organization code
SR_TP_ID	NULL	NUMBER	Unique partner identifier in the source application instance
DISABLE_DATE	NULL	DATE	Disable date of the trading partner
STATUS	NULL	VARCHAR2(1)	Status of the trading partner
MASTER_ORGANIZATION	NULL	NUMBER	Master organization identifier
PARTNER_TYPE	NULL	NUMBER	Specify the type of partner: Customer, Supplier, or organization
PARTNER_NAME	NULL	VARCHAR2(80)	Name of the supplier or customer
PARTNER_NUMBER	NULL	VARCHAR2(154)	Number of the supplier or customer
CALENDAR_CODE	NULL	VARCHAR2(14)	Calendar used for this partner. The code includes instance code and calendar code from the source apps.
CALENDAR_EXCEPTION_SET_ID	NULL	NUMBER	Calendar exception set identifier
OPERATING_UNIT	NULL	NUMBER	Operating unit
MAXIMUM_WEIGHT	NULL	NUMBER	Maximum weight
MAXIMUM_VOLUME	NULL	NUMBER	Maximum volume
WEIGHT_UOM	NULL	VARCHAR2(3)	Weight unit of measure
VOLUME_UOM	NULL	VARCHAR2(3)	Volume unit of measure
PROJECT_REFERENCE_ENABLED	NULL	NUMBER	Project reference enabled flag
PROJECT_CONTROL_LEVEL	NULL	NUMBER	Project control level
DEMAND_LATENESS_COST	NULL	NUMBER	Demand lateness cost
SUPPLIER_CAP_OVERUTIL_COST	NULL	NUMBER	Supplier over-utilization cost
RESOURCE_CAP_OVERUTIL_COST	NULL	NUMBER	Resource over-utilization cost
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier
MODELED_CUSTOMER_ID	NULL	NUMBER	Customer identifier which is modelled as inventory organization

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Column Descriptions (Continued)

Name	Null?	Type	Description
MODELED_CUSTOMER_SITE_ID	NULL	NUMBER	Customer site identifier which is modelled as inventory organization
MODELED_SUPPLIER_ID	NULL	NUMBER	Supplier identifier which is modelled as inventory organization
MODELED_SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier which is modelled as inventory organization
TRANSPORT_CAP_OVER_UTIL_COST	NULL	NUMBER	Transportation over-utilization cost
USE_PHANTOM_ROUTINGS	NULL	NUMBER	Use phantom routings
INHERIT_PHANTOM_OP_SEQ	NULL	NUMBER	Inherit phantom op sequence
DEFAULT_ATP_RULE_ID	NULL	NUMBER	Default ATP rule identifier
DEFAULT_DEMAND_CLASS	NULL	VARCHAR2(34)	Default demand class
MATERIAL_ACCOUNT	NULL	NUMBER	Material account
EXPENSE_ACCOUNT	NULL	NUMBER	Expense account
SOURCE_ORG_ID	NULL	NUMBER	Organization to source items from
ORGANIZATION_TYPE	NULL	NUMBER	Organization

MSC_ST_TRADING_PARTNER_SITES

The staging table used by the collection program to validate and process data for table MSC_TRADING_PARTNER_SITES.

Column Descriptions

Name	Null?	Type	Description
PARTNER_ID	NULL	NUMBER	Trading partner unique identifier
PARTNER_SITE_ID	NULL	NUMBER	Trading partner site unique identifier
PARTNER_ADDRESS	NULL	VARCHAR2(1600)	Trading partner address
SR_TP_ID	NULL	NUMBER(15)	Trading partner unique identifier from source application
SR_TP_SITE_ID	NULL	NUMBER	Trading partner site unique identifier from source application
TP_SITE_CODE	NULL	VARCHAR2(30)	Site code
LOCATION	NULL	VARCHAR2(40)	Partner location
PARTNER_TYPE	NULL	NUMBER	Indicate type of partner: Customer, Supplier, or Organization
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier
LONGITUDE	NULL	NUMBER(10,7)	Longitude
LATITUDE	NULL	NUMBER(10,7)	Latitude
OPERATING_UNIT_NAME	NULL	VARCHAR2(60)	

MSC_ST_UNITS_OF_MEASURE

The staging table used by the collection program to validate and process data for table MSC_UNITS_OF_MEASURE.

Column Descriptions

Name	Null?	Type	Description
UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Unit of measure name
UOM_CODE	NULL	VARCHAR2(3)	Abbreviated unit of measure code
UOM_CLASS	NULL	VARCHAR2(10)	Unit of measure class
BASE_UOM_FLAG	NULL	VARCHAR2(1)	Base unit of measure flag
DISABLE_DATE	NULL	DATE	Date when the unit can no longer be used to define conversions
DESCRIPTION	NULL	VARCHAR2(50)	Unit of measure description
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

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MSC_ST_UNIT_NUMBERS

The staging table used by the collection program to validate and process data for table MSC_UNIT_NUMBERS.

Column Descriptions

Name	Null?	Type	Description
UNIT_NUMBER	NULL	VARCHAR2(30)	Unit number
END_ITEM_ID	NULL	NUMBER	End item unique identifier
MASTER_ORGANIZATION_ID	NULL	NUMBER	Master organization identifier
COMMENTS	NULL	VARCHAR2(240)	Comments
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_ST_UOM_CLASS_CONVERSIONS

The staging table used by the collection program to validate and process data for table MSC_UOM_CLASS_CONVERSIONS.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	The inventory item for which the conversion factors between base units of measure
FROM_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Base unit of measure of the items base class
FROM_UOM_CODE	NULL	VARCHAR2(3)	Base unit of measure short name for the items base class
FROM_UOM_CLASS	NULL	VARCHAR2(10)	Base class of the item
TO_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Base unit of the class to which the conversion is defined
TO_UOM_CODE	NULL	VARCHAR2(3)	Base unit short name of the class to which the conversion is defined
TO_UOM_CLASS	NULL	VARCHAR2(10)	Class to which the conversion is defined
CONVERSION_RATE	NULL	NUMBER	Conversion rate from the items class base unit to the "to" class base unit
DISABLE_DATE	NULL	DATE	Date when the defined inter-class conversion can no longer be used
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

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MSC_ST_UOM_CONVERSIONS

The staging table used by the collection program to validate and process data for table MSC_UOM_CONVERSIONS.

Column Descriptions

Name	Null?	Type	Description
UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Primary unit of measure long name
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code
UOM_CLASS	NULL	VARCHAR2(10)	Destination class of conversion
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
CONVERSION_RATE	NULL	NUMBER	Conversion rate from conversion unit to base unit of class
DEFAULT_CONVERSION_FLAG	NULL	VARCHAR2(1)	Indicates whether the conversion factor applies for this item or it is defined as standard conversion factor
DISABLE_DATE	NULL	DATE	Date when the conversion is no longer valid to be used in the system (transactions, etc)
DELETED_FLAG	NULL	NUMBER	Yes/No flag indicates whether corresponding record in ODS will be deleted
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
REFRESH_ID	NULL	NUMBER	Refresh identifier

MSC_SUB_INVENTORIES

MSC_SUB_INVENTORIES stores information about the netting type of each subinventory defined in Oracle Inventory. Each subinventory will have an entry in MSC_SUB_INVENTORIES and NETTING_TYPE will indicate whether or not that subinventory should be considered nettable by the planning process.

This table stores data collected from source applications.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_PLAN_ORGANIZATIONS	PLAN_ID ORGANIZATION_ID SR_INSTANCE_ID	PLAN_ID ORGANIZATION_ID SR_INSTANCE_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUB_INVENTORY_CODE	NOT NULL	VARCHAR2(10)	Subinventory code
NETTING_TYPE	NULL	NUMBER	Subinventory netting code. Nettable inventory(1), Nonnettable inventory(2)
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
DESCRIPTION	NULL	VARCHAR2(50)	Describe the application instance
REFRESH_NUMBER	NULL	NUMBER	Refresh number
INVENTORY_ATP_CODE	NULL	NUMBER	Inventory ATP code
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SUB_INVENTORIES_U1	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	ORGANIZATION_ID
		20	SUB_INVENTORY_CODE

MSC_SUPPLIER_CAPACITIES

This table stores the capacity information for planned items within an MPS, MRP, or DRP plan. Each row stores the capacity within a date range for a specific supplier of an item.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_ITEM_SUPPLIERS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	SUPPLIER_ID	SUPPLIER_ID
	SUPPLIER_SITE_ID	SUPPLIER_SITE_ID
MSC_SUPPLIER_CAPACITIES	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	TRANSACTION_ID	PARENT_ID
	PLAN_ID	PLAN_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	System generated number which unique identifier the row
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
SUPPLIER_ID	NOT NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
PARENT_ID	NULL	NUMBER	Reference to parent transaction identifier
FROM_DATE	NOT NULL	DATE	First date of valid capacity
TO_DATE	NULL	DATE	Last date of valid capacity
CAPACITY	NULL	NUMBER	Capacity
USING_ORGANIZATION_ID	NOT NULL	NUMBER	Using organization identifier
REFRESH_NUMBER	NULL	NUMBER	Refresh number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment

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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
STATUS	NULL	NUMBER(38)	Status flag
APPLIED	NULL	NUMBER(38)	Applied flag
COLLECTED_FLAG	NULL	NUMBER	Flag indicates whether the row is collected from source application

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SUPPLIER_CAPACITIES_U1	UNIQUE	5	PLAN_ID
		10	TRANSACTION_ID
MSC_SUPPLIER_CAPACITIES_U2	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	ORGANIZATION_ID
		20	INVENTORY_ITEM_ID
		25	FROM_DATE
		30	SUPPLIER_ID
		35	SUPPLIER_SITE_ID

Sequences

Sequence	Derived Column
MSC_SUPPLIER_CAPACITIES_S	TRANSACTION_ID

MSC_SUPPLIER_FLEX_FENCES

MSC_SUPPLIER_FLEX_FENCES stores the supplier flex fence information for planned items within an MPS, MRP, or DRP plan. Each row stores the tolerance percentage a supplier allows for a certain number of days in advance for an item. This table stores the time-phased capacity tolerance information for item-supplier/site used for flex fence support.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_ITEM_SUPPLIERS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	SUPPLIER_ID	SUPPLIER_ID
	SUPPLIER_SITE_ID	SUPPLIER_SITE_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
MSC_SUPPLIER_FLEX_FENCES	PLAN_ID	PLAN_ID
	TRANSACTION_ID	PARENT_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Unique identifier for the row
SUPPLIER_ID	NOT NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID		NUMBER	Supplier site identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
USING_ORGANIZATION_ID	NOT NULL	NUMBER	Using organization identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
FENCE_DAYS	NOT NULL	NUMBER	Number of advance days
TOLERANCE_PERCENTAGE		NUMBER	Capacity tolerance percentage
PARENT_ID		NUMBER	Reference to parent transaction identifier
REFRESH_NUMBER		NUMBER	Refresh number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN		NUMBER	Standard Who column
REQUEST_ID		NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID		NUMBER	Concurrent Who column
PROGRAM_ID		NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE		DATE	Concurrent Who column
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7		VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8		VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
STATUS	NULL	NUMBER(38)	Status flag
APPLIED	NULL	NUMBER(38)	Applied flag
COLLECTED_FLAG	NULL	NUMBER(38)	Flag indicates whether the row is collected from source application

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SUPPLIER_FLEX_FENCES_U1	UNIQUE	5	PLAN_ID
		10	TRANSACTION_ID
MSC_SUPPLIER_FLEX_FENCES_U2	UNIQUE	1	PLAN_ID
		2	SR_INSTANCE_ID
		3	ORGANIZATION_ID
		4	INVENTORY_ITEM_ID
		5	SUPPLIER_SITE_ID
		6	FENCE_DAYS
		7	SUPPLIER_ID

Sequences

Sequence	Derived Column
MSC_SUPPLIER_FLEX_FENCES_S	TRANSACTION_ID

MSC_SUPPLIER_PLANS

MSC_SUPPLIER_PLANS is a generic table used by forms for querying data. This table is used to display supplier plan information in the Planner Workbench. QUERY_ID is the query identifier used while populating the table. The QUANTITY columns contain generic data used in the PL/SQL procedure to select data.

Column Descriptions

Name	Null?	Type	Description
QUERY_ID	NOT NULL	NUMBER	Query identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
SUPPLIER_ID	NOT NULL	NUMBER	Supplier identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
SUPPLIER_NAME	NULL	VARCHAR2(30)	Supplier name
ITEM_NAME	NULL	VARCHAR2(240)	Item name
BUCKET_TYPE	NOT NULL	NUMBER	Bucket type
BUCKET_DATE	NOT NULL	DATE	Bucket date
QUANTITY1	NULL	NUMBER	Generic quantity column
QUANTITY2	NULL	NUMBER	Generic quantity column
QUANTITY3	NULL	NUMBER	Generic quantity column
QUANTITY4	NULL	NUMBER	Generic quantity column
QUANTITY5	NULL	NUMBER	Generic quantity column
QUANTITY6	NULL	NUMBER	Generic quantity column
QUANTITY7	NULL	NUMBER	Generic quantity column
QUANTITY8	NULL	NUMBER	Generic quantity column
QUANTITY9	NULL	NUMBER	Generic quantity column
QUANTITY10	NULL	NUMBER	Generic quantity column
QUANTITY11	NULL	NUMBER	Generic quantity column
QUANTITY12	NULL	NUMBER	Generic quantity column
QUANTITY13	NULL	NUMBER	Generic quantity column
QUANTITY14	NULL	NUMBER	Generic quantity column
QUANTITY15	NULL	NUMBER	Generic quantity column
QUANTITY16	NULL	NUMBER	Generic quantity column
QUANTITY17	NULL	NUMBER	Generic quantity column
QUANTITY18	NULL	NUMBER	Generic quantity column
QUANTITY19	NULL	NUMBER	Generic quantity column
QUANTITY20	NULL	NUMBER	Generic quantity column
QUANTITY21	NULL	NUMBER	Generic quantity column
QUANTITY22	NULL	NUMBER	Generic quantity column
QUANTITY23	NULL	NUMBER	Generic quantity column
QUANTITY24	NULL	NUMBER	Generic quantity column
QUANTITY25	NULL	NUMBER	Generic quantity column
QUANTITY26	NULL	NUMBER	Generic quantity column
QUANTITY27	NULL	NUMBER	Generic quantity column
QUANTITY28	NULL	NUMBER	Generic quantity column
QUANTITY29	NULL	NUMBER	Generic quantity column

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Column Descriptions (Continued)

Name	Null?	Type	Description
QUANTITY30	NULL	NUMBER	Generic quantity column
QUANTITY31	NULL	NUMBER	Generic quantity column
QUANTITY32	NULL	NUMBER	Generic quantity column
QUANTITY33	NULL	NUMBER	Generic quantity column
QUANTITY34	NULL	NUMBER	Generic quantity column
QUANTITY35	NULL	NUMBER	Generic quantity column
QUANTITY36	NULL	NUMBER	Generic quantity column

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SUPPLIER_PLANS_N1	NOT UNIQUE	5	QUERY_ID

MSC_SUPPLIES

This table lists all the supplies for this plan. The supplies created by the planning process are added to this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_DESIGNATORS	DESIGNATOR_ID	SCHEDULE_DESIGNATOR_ID
MSC_PROJECTS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	PROJECT_ID	PROJECT_ID
MSC_PROJECTS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	PROJECT_ID	IMPLEMENT_PROJECT_ID
MSC_PROJECT_TASKS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	PROJECT_ID	PROJECT_ID
MSC_PROJECT_TASKS	TASK_ID	TASK_ID
	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_PROJECT_TASKS	PROJECT_ID	IMPLEMENT_PROJECT_ID
	TASK_ID	IMPLEMENT_TASK_ID
MSC_SUPPLIES	PLAN_ID	PLAN_ID
MSC_SYSTEM_ITEMS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_SYSTEM_ITEMS	ORGANIZATION_ID	ORGANIZATION_ID
	PLAN_ID	PLAN_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DISPOSITION_STATUS_TYPE	MRP_ORDER_ACTION	MFG_LOOKUPS
	1	Do not cancel
IMPLEMENT_AS	2	Cancel
	MRP_WORKBENCH_IMPLEMENT_AS	MFG_LOOKUPS
	1	None
	2	Purchase Requisition
IMPLEMENT_STATUS_CODE	3	Discrete Job
	4	Repetitive Schedule
	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

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	7	Cancelled
	8	Pending Bill Load
	9	Failed Bill Load
LOAD_TYPE	MRP_WORKBENCH_LOAD_TYPE	MFG_LOOKUPS
	1	Discrete mass load
	2	Repetitive mass load
	3	Discrete mass reschedule
	4	Purchasing mass load
	5	Purchasing reschedule
ORDER_TYPE	MRP_ORDER_TYPE	MFG_LOOKUPS
	1	Purchase order
	11	Intransit shipment
	12	Intransit receipt
	13	Suggested repetitive schedule
	14	Discrete job by-product
	15	Nonstandard job by-product
	16	Repetitive schedule by-product
	17	Planned order by-product
	2	Purchase requisition
	27	Flow schedule
	28	Flow schedule by-product
	29	Payback supply
	3	Discrete job
	4	Suggested aggregate repetitive schedule
	5	Planned order
	7	Non-standard job
	8	PO in receiving
WIP_STATUS_CODE	WIP_JOB_STATUS	MFG_LOOKUPS
	1	Unreleased
	10	Pending Routing Load
	11	Failed Routing Load
	12	Closed
	13	Pending - Mass Loaded
	14	Pending Close
	15	Failed Close
	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

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Column Descriptions

Name	Null?	Type	Description
PLAN_ID (PK)	NOT NULL	NUMBER	Plan identifier
TRANSACTION_ID	NOT NULL	NUMBER	Unique identifier for the row
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier of the item org
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
SCHEDULE_DESIGNATOR_ID	NULL	NUMBER	Schedule designator
REVISION	NULL	VARCHAR2(10)	Inventory item revision code
UNIT_NUMBER	NULL	VARCHAR2(30)	Unit number of the item
NEW_SCHEDULE_DATE	NOT NULL	DATE	End date of the supply (completion date of first unit)
OLD_SCHEDULE_DATE	NULL	DATE	Old schedule date
NEW_WIP_START_DATE	NULL	DATE	New WIP schedule start date
OLD_WIP_START_DATE	NULL	DATE	Old WIP schedule start date
FIRST_UNIT_COMPLETION_DATE	NULL	DATE	First unit completion date for recommended repetitive schedules
LAST_UNIT_COMPLETION_DATE	NULL	DATE	Last unit completion date for recommended repetitive schedule
FIRST_UNIT_START_DATE	NULL	DATE	First unit start date for recommended repetitive schedule
LAST_UNIT_START_DATE	NULL	DATE	Last unit start date for recommended repetitive schedule
DISPOSITION_ID	NULL	NUMBER	Identifier which references to source of supply
DISPOSITION_STATUS_TYPE	NULL	NUMBER	Identifies the status of supply. Not cancelled(1), Cancelled(2)
ORDER_TYPE	NOT NULL	NUMBER	Specifies type of order: planned order, purchase order, etc...
SUPPLIER_ID	NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier
NEW_ORDER_QUANTITY	NULL	NUMBER	Supply quantity
OLD_ORDER_QUANTITY	NULL	NUMBER	Old supply quantity
NEW_ORDER_PLACEMENT_DATE	NULL	DATE	Start date of the supply
OLD_ORDER_PLACEMENT_DATE	NULL	DATE	Old start date of the supply
RESCHEDULE_DAYS	NULL	NUMBER	Different between old and new schedule dates
RESCHEDULE_FLAG	NULL	NUMBER	Flag indicating if this row been rescheduled using the Planner Workbench form
SCHEDULE_COMPRESS_DAYS	NULL	NUMBER	Old schedule compress days
NEW_PROCESSING_DAYS	NULL	NUMBER	Repetitive schedule processing days
PURCH_LINE_NUM	NULL	NUMBER	Purchase order line number (for purchase order)
QUANTITY_IN_PROCESS	NULL	NUMBER	Quantity being processed by the WIP/PO interface processes. Not yet in execution system
IMPLEMENTED_QUANTITY	NULL	NUMBER	Planned order implemented quantity
FIRM_PLANNED_TYPE	NOT NULL	NUMBER	Flag indicating whether the order is firm
FIRM_QUANTITY	NULL	NUMBER	Firm planned quantity
FIRM_DATE	NULL	DATE	Firm date for order
IMPLEMENT_DEMAND_CLASS	NULL	VARCHAR2(30)	Implement demand class
IMPLEMENT_DATE	NULL	DATE	Implement due date
IMPLEMENT_QUANTITY	NULL	NUMBER	Implement quantity

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Column Descriptions (Continued)

Name	Null?	Type	Description
IMPLEMENT_FIRM	NULL	NUMBER	Implement firm type
IMPLEMENT_WIP_CLASS_CODE	NULL	VARCHAR2(10)	Implement WIP class code
IMPLEMENT_JOB_NAME	NULL	VARCHAR2(240)	Implement job name
IMPLEMENT_DOCK_DATE	NULL	DATE	Implement dock date
IMPLEMENT_STATUS_CODE	NULL	NUMBER	Implement job status code
IMPLEMENT_EMPLOYEE_ID	NULL	NUMBER	Implement employee identifier
IMPLEMENT_UOM_CODE	NULL	VARCHAR2(3)	Implement UOM code
IMPLEMENT_LOCATION_ID	NULL	NUMBER	Implement location identifier
IMPLEMENT_SOURCE_ORG_ID	NULL	NUMBER	Implement source organization identifier
IMPLEMENT_SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier associated with implement source organization identifier
IMPLEMENT_SUPPLIER_ID	NULL	NUMBER	Implement supplier identifier
IMPLEMENT_SUPPLIER_SITE_ID	NULL	NUMBER	Implement supplier site identifier
IMPLEMENT_AS	NULL	NUMBER	Implement order type. None(1), Purchase requisition(2), Discrete job(3)
RELEASE_STATUS	NULL	NUMBER	Flag indicating release status
LOAD_TYPE	NULL	NUMBER	Load program to execute
PROCESS_SEQ_ID	NULL	NUMBER	Process eff identifier
SCO_SUPPLY_FLAG	NULL	NUMBER	Flag to indicate if supply was suggested by SCO
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate BOM designator
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate routing designator
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence within the routing where this supply is produced
BY_PRODUCT_USING_ASSY_ID	NULL	NUMBER	Product using assembly identifier
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Source organization identifier for inter organization transfers
SOURCE_SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier associated with source organization identifier
SOURCE_SUPPLIER_SITE_ID	NULL	NUMBER	Source supplier site identifier
SOURCE_SUPPLIER_ID	NULL	NUMBER	Source supplier identifier
SHIP_METHOD	NULL	VARCHAR2(30)	Ship method used for transfer
WEIGHT_CAPACITY_USED	NULL	NUMBER	Weight capacity used in transportation
VOLUME_CAPACITY_USED	NULL	NUMBER	Volume capacity used in transportation
NEW_SHIP_DATE	NULL	DATE	New ship date
NEW_DOCK_DATE	NULL	DATE	Suggested dock date
OLD_DOCK_DATE	NULL	DATE	Old suggested dock date
LINE_ID	NULL	NUMBER	Line identifier
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
PLANNING_GROUP	NULL	VARCHAR2(30)	Project planning group
IMPLEMENT_PROJECT_ID	NULL	NUMBER(15)	Implement project identifier
IMPLEMENT_TASK_ID	NULL	NUMBER(15)	Implement task identifier
IMPLEMENT_SCHEDULE_GROUP_ID	NULL	NUMBER	Implement schedule group identifier
IMPLEMENT_BUILD_SEQUENCE	NULL	NUMBER	Build Sequence for the Planned Order to be implemented as a discrete job

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Column Descriptions (Continued)

Name	Null?	Type	Description
IMPLEMENT_ALTERNATE_BOM	NULL	VARCHAR2(10)	Alternate bom designator of the planned order to be implemented
IMPLEMENT_ALTERNATE_ROUTING	NULL	VARCHAR2(10)	Alternate routing designator of the planned order to be implemented
IMPLEMENT_UNIT_NUMBER	NULL	VARCHAR2(30)	End item unit number of the planned order to be implemented
IMPLEMENT_LINE_ID	NULL	NUMBER	Implement Repetitive Line Identifier
RELEASE_ERRORS	NULL	VARCHAR2(250)	Release error ???
NUMBER1	NULL	NUMBER	Rel_all_qty ???
SOURCE_ITEM_ID	NULL	NUMBER	Source item identifier
ORDER_NUMBER	NULL	VARCHAR2(62)	Order number (purchase order number)
SCHEDULE_GROUP_ID	NULL	NUMBER	Schedule group identifier
BUILD_SEQUENCE	NULL	NUMBER	Build Sequence for the Planned Order
WIP_ENTITY_NAME	NULL	VARCHAR2(240)	WIP entity name
IMPLEMENT_PROCESSING_DAYS	NULL	NUMBER	Implement processing days
DELIVERY_PRICE	NULL	NUMBER	Supply unit price for purchasing supply
LATE_SUPPLY_DATE	NULL	DATE	Supply date for the shadow part of the split supplies
LATE_SUPPLY_QTY	NULL	NUMBER	Shadow supply quantity
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number for on-hand quantities
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory for on-hand quantity
QTY_SCRAPPED	NULL	NUMBER	Current job scrapped units
EXPECTED_SCRAP_QTY	NULL	NUMBER	Expected scrap qty
QTY_COMPLETED	NULL	NUMBER	Current job quantity completed
DAILY_RATE	NULL	NUMBER	Daily rate for recommended repetitive schedules
SCHEDULE_GROUP_NAME	NULL	VARCHAR2(30)	WIP schedule group name
UPDATED	NULL	NUMBER	Flag to determine whether add workday modification was applied
SUBST_ITEM_FLAG	NULL	NUMBER	Flag indicating whether item is a substitute item
STATUS	NULL	NUMBER	Attribute used for online replanning
APPLIED	NULL	NUMBER	Attribute used for online replanning
EXPIRATION_QUANTITY	NULL	NUMBER	Expiration quantity
EXPIRATION_DATE	NULL	DATE	
NON_NETTABLE_QTY	NULL	NUMBER	Non-nettable onhand quantity
IMPLEMENT_WIP_START_DATE	NULL	DATE	
REFRESH_NUMBER	NULL	NUMBER	Refresh number assigned by the collection program
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
IMPLEMENT_DAILY_RATE	NULL	NUMBER	Implement daily rate
NEED_BY_DATE	NULL	DATE	Need by date
SOURCE_SUPPLY_ID	NULL	NUMBER	Source supply identifier
SR_MTL_SUPPLY_ID	NULL	NUMBER	Source mtl supply identifier
WIP_STATUS_CODE	NULL	NUMBER	WIP job status code
DEMAND_CLASS	NULL	VARCHAR2(34)	Demand class code
FROM_ORGANIZATION_ID	NULL	NUMBER	From organization identifier
WIP_SUPPLY_TYPE	NULL	NUMBER	WIP supply type
PO_LINE_ID	NULL	NUMBER	Purchase order line identifier
LOAD_FACTOR_RATE	NULL	NUMBER	Load factor rate for suggested repetitive schedules

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SUPPLIES_N1	NOT UNIQUE	5	PLAN_ID
		6	INVENTORY_ITEM_ID
		16	ORGANIZATION_ID
		21	SR_INSTANCE_ID
		26	NEW_SCHEDULE_DATE
MSC_SUPPLIES_N2	NOT UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	ORGANIZATION_ID
		20	ORDER_TYPE
		25	LINE_ID
MSC_SUPPLIES_N3	NOT UNIQUE	5	PLAN_ID
		6	SR_INSTANCE_ID
		11	ORGANIZATION_ID
		21	LOAD_TYPE
		26	INVENTORY_ITEM_ID
MSC_SUPPLIES_N4	NOT UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		15	ORGANIZATION_ID
		20	APPLIED
		22	STATUS
MSC_SUPPLIES_N5	NOT UNIQUE	24	UPDATED
		5	PLAN_ID
		6	INVENTORY_ITEM_ID
		16	ORGANIZATION_ID
		21	SR_INSTANCE_ID
MSC_SUPPLIES_N6	NOT UNIQUE	26	ORDER_TYPE
		31	NEW_SCHEDULE_DATE
		10	PLAN_ID
		20	SR_INSTANCE_ID
		28	DISPOSITION_ID
MSC_SUPPLIES_N7	NOT UNIQUE	40	ORDER_TYPE
		50	OPERATION_SEQ_NUM
		5	PLAN_ID
		10	SOURCE_ORGANIZATION_ID
		15	SOURCE_SR_INSTANCE_ID
MSC_SUPPLIES_N8	NOT UNIQUE	1	PLAN_ID
		2	SR_INSTANCE_ID
		4	ORDER_TYPE
		6	SR_MTL_SUPPLY_ID
MSC_SUPPLIES_U1	UNIQUE	2	PLAN_ID
		10	TRANSACTION_ID

Sequences

Sequence	Derived Column
MSC_SUPPLIES_S	TRANSACTION_ID

MSC_SYSTEM_ITEMS

MSC_SYSTEM_ITEMS stores the organization items defined at source applications. It also stores a copy of items planned by the planning process. Most of the columns in MSC_SYSTEM_ITEMS correspond to columns from the Oracle Inventory Item master table, MTL_SYSTEM_ITEMS. This table is populated by the Collection and the Snapshot, and is used by the Planner.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_PLAN_ORGANIZATIONS	PLAN_ID	PLAN_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
MSC_TRADING_PARTNERS	SR_TP_ID	ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ATO_FORECAST_CONTROL	MRP_ATO_FORECAST_CONTROL	MFG_LOOKUPS
	1	Consume
	2	Consume and derive
	3	None
BOM_ITEM_TYPE	BOM_ITEM_TYPE	MFG_LOOKUPS
	1	Model
	2	Option class
	3	Planning
	4	Standard
	5	Product Family
MRP_PLANNING_CODE	MRP_PLANNING_CODE	MFG_LOOKUPS
	3	MRP planning
	4	MPS planning
	6	Not planned
	7	MRP and DRP planning
	8	MPS and DRP planning
	9	DRP planning
PLANNING_MAKE_BUY_CODE	MTL_PLANNING_MAKE_BUY	MFG_LOOKUPS
	1	Make
	2	Buy
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
PLAN_ID	NOT NULL	NUMBER	Plan identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
SR_INSTANCE_ID (PK)	NOT NULL	NUMBER	Source application instance identifier
SR_INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier in the source application instance
ITEM_NAME	NULL	VARCHAR2(40)	Name of the inventory item
LOTS_EXPIRATION	NULL	NUMBER	Shelf_life_days from MTL_SYSTEM_ITEMS???
LOT_CONTROL_CODE	NOT NULL	NUMBER	Flag indicating if lots_expiration is used or not
SHRINKAGE_RATE	NULL	NUMBER	Percentage of shrinkage for this item
FIXED_DAYS_SUPPLY	NULL	NUMBER	Period of the supply days (in days)
FIXED_ORDER_QUANTITY	NULL	NUMBER	Fixed size for the orders
FIXED_LOT_MULTIPLIER	NULL	NUMBER	Fixed size for the lot
MINIMUM_ORDER_QUANTITY	NULL	NUMBER	Minimum size of an order
MAXIMUM_ORDER_QUANTITY	NULL	NUMBER	Maximum size of an order
ROUNDING_CONTROL_TYPE	NOT NULL	NUMBER	Flag indicating if rounding of the quantity is allowed
PLANNING_TIME_FENCE_DAYS	NULL	NUMBER	Planning time fences days of the item
PLANNING_TIME_FENCE_DATE	NULL	DATE	Planning time fence as computed by the planning engine
DEMAND_TIME_FENCE_DAYS	NULL	NUMBER	Demand time fence days
DEMAND_TIME_FENCE_DATE	NULL	DATE	Demanding time fence as computed by the planning engine
DESCRIPTION	NULL	VARCHAR2(240)	Textual description of the item for UI and reports
RELEASE_TIME_FENCE_CODE	NULL	NUMBER	Release time fence code
RELEASE_TIME_FENCE_DAYS	NULL	NUMBER	Release time fence time
IN_SOURCE_PLAN	NOT NULL	NUMBER	Flag indicating whether the item is in the plan (the snapshot initially gets more items than the planned items)
REVISION	NULL	VARCHAR2(3)	Item revision code
SR_CATEGORY_ID	NULL	NUMBER	Source application category identifier for the planning category set; used for UI and reports
ABC_CLASS	NULL	NUMBER	Inventory item identifier ABC class (use for UI and reports)
CATEGORY_NAME	NULL	VARCHAR2(200)	Category name for the planning category
MRP_PLANNING_CODE	NOT NULL	NUMBER	Type of planning required for this item: MRP(3), MPS(4), Not Planned(6), MRP and DRP(7), MPS and DRP(8), DRP(9)
FIXED_LEAD_TIME	NULL	NUMBER	Fixed lead time
VARIABLE_LEAD_TIME	NULL	NUMBER	Variable lead time
PREPROCESSING_LEAD_TIME	NULL	NUMBER	Preprocessing lead time
POSTPROCESSING_LEAD_TIME	NULL	NUMBER	Postprocessing lead time
FULL_LEAD_TIME	NOT NULL	NUMBER	Full lead time
CUMULATIVE_TOTAL_LEAD_TIME	NULL	NUMBER	Cumulative total lead time
CUM_MANUFACTURING_LEAD_TIME	NULL	NUMBER	Cumulative manufacturing lead time
UOM_CODE	NOT NULL	VARCHAR2(3)	Unit of measure
UNIT_WEIGHT	NULL	NUMBER	Weight of the item

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Column Descriptions (Continued)

Name	Null?	Type	Description
UNIT_VOLUME	NULL	NUMBER	Volume of the item
WEIGHT_UOM	NULL	VARCHAR2(3)	Unit of measure for the weight
VOLUME_UOM	NULL	VARCHAR2(3)	Unit of measure for the volume
PRODUCT_FAMILY_ID	NULL	NUMBER	Product family identifier
ATP_RULE_ID	NULL	NUMBER	ATP rule identifier
ATP_COMPONENTS_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether to calculate components ATP
BUILD_IN_WIP_FLAG	NOT NULL	NUMBER	Flag to indicate if the item can be built in WIP
PURCHASING_ENABLED_FLAG	NOT NULL	NUMBER	Flag to indicate if the item can be purchased
PLANNING_MAKE_BUY_CODE	NOT NULL	NUMBER	Indicate if this item should be made or bought. Make(1), Buy(2)
REPETITIVE_TYPE	NOT NULL	NUMBER	Flag to indicate whether the item is built repetitive
REPETITIVE_VARIANCE	NULL	NUMBER	Item repetitive variance
STANDARD_COST	NULL	NUMBER	Standard cost of an item
CARRYING_COST	NULL	NUMBER	Carrying cost
ORDER_COST	NULL	NUMBER	Order cost
MATERIAL_COST	NULL	NUMBER	Item material cost
DMD_LATENESS_COST	NULL	NUMBER	Demand lateness cost for item
RESOURCE_COST	NULL	NUMBER	Resource cost for the item
SS_PENALTY_COST	NULL	NUMBER	Penalty cost for safety stock violations
SUPPLIER_CAP_OVERUTIL_COST	NULL	NUMBER	Supplier cap over utilization cost
LIST_PRICE	NULL	NUMBER	List price of the item
AVERAGE_DISCOUNT	NULL	NUMBER	Average discount
ENGINEERING_ITEM_FLAG	NOT NULL	NUMBER	Flag indicating if engineering items are used for prototypes or research. Used for UI and reports
WIP_SUPPLY_TYPE	NOT NULL	NUMBER	Flag to indicate whether this a phantom (order modifiers are not used)
SAFETY_STOCK_CODE	NOT NULL	NUMBER	Safety stock code: User-defined quantity(1), User-defined percentage(2), or mean absolute deviation
SAFETY_STOCK_PERCENT	NULL	NUMBER	Percent of average gross requirement for dynamically calculated safety-stocks
SAFETY_STOCK_BUCKET_DAYS	NULL	NUMBER	Days over which to average demand for MRP Planned safety stock percent
INVENTORY_USE_UP_DATE	NULL	DATE	Use-up date
BUYER_NAME	NULL	VARCHAR2(240)	Name of buyer (for reporting)
PLANNER_CODE	NULL	VARCHAR2(10)	Planner code (for reporting)
PLANNING_EXCEPTION_SET	NULL	VARCHAR2(10)	Identifier of the planning exception set
EXCESS_QUANTITY	NULL	NUMBER	Excess quantity of this item
EXCEPTION_SHORTAGE_DAYS	NULL	NUMBER	Exception shortage days
EXCEPTION_EXCESS_DAYS	NULL	NUMBER	Exception excess days
EXCEPTION_OVERPROMISED_DAYS	NULL	NUMBER	Exception over-promised days
EXCEPTION_CODE	NULL	VARCHAR2(5)	Internal exception message code
BOM_ITEM_TYPE	NULL	NUMBER	BOM item type: Model(1), Option Class(2), Planning(3), Standard(4), Product Family(5)

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATO_FORECAST_CONTROL	NULL	NUMBER	ATO forecast control code: Consume(1), Consume and derive(2), None(3)
EFFECTIVITY_CONTROL	NOT NULL	NUMBER	Effectivity control code: Date Effectivity(1), Unit Number effectivity(2)
ORGANIZATION_CODE	NULL	VARCHAR2(7)	Organization code (use for UI and report)
ACCEPTABLE_RATE_INCREASE	NULL	NUMBER	Acceptable rate increase
ACCEPTABLE_RATE_DECREASE	NULL	NUMBER	Acceptable rate decrease
EXCEPTION_REP_VARIANCE_DAYS	NULL	NUMBER	Exception repetitive variance days
OVERRUN_PERCENTAGE	NULL	NUMBER	Repetitive overrun percentage
INVENTORY_PLANNING_CODE	NOT NULL	NUMBER	Inventory planning code
ACCEPTABLE_EARLY_DELIVERY	NULL	NUMBER	Acceptable early days
CALCULATE_ATP	NOT NULL	NUMBER	Flag indicating whether to calculate ATP when planning this part
END_ASSEMBLY_PEGGING_FLAG	NULL	VARCHAR2(1)	Peg to the end assembly on reports
END_ASSEMBLY_PEGGING	NULL	NUMBER	Peg to the end assembly on reports (value is populated by the plan)
FULL_PEGGING	NULL	NUMBER	Full pegging flag
INVENTORY_ITEM_FLAG	NULL	NUMBER	Inventory item flag
SOURCE_ORG_ID	NULL	NUMBER	Item level default for source organization identifier
BASE_ITEM_ID	NULL	NUMBER	Base item identifier for configuration
ABC_CLASS_NAME	NULL	VARCHAR2(40)	ABC Class Name
FIXED_SAFETY_STOCK_QTY	NULL	NUMBER	Fixed safety stock quantity on a daily basis
PRIMARY_SUPPLIER_ID	NULL	NUMBER	Primary supplier identifier
ATP_FLAG	NOT NULL	VARCHAR2(1)	ATP flag
LOW_LEVEL_CODE	NULL	NUMBER	Inventory item identifier low level code
PLANNER_STATUS_CODE	NULL	NUMBER	Status of the item for the Planner
NETTABLE_INVENTORY_QUANTITY	NULL	NUMBER	Nettable inventory quantity on hand
NONNETTABLE_INVENTORY_QUANTITY	NULL	NUMBER	Nonnettable inventory quantity on hand
REFRESH_NUMBER	NULL	NUMBER	Refresh number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment

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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
REVISION_QTY_CONTROL_CODE	NULL	NUMBER	Revision quantity control code
EXPENSE_ACCOUNT	NULL	NUMBER	Expense account
INVENTORY_ASSET_FLAG	NULL	VARCHAR2(1)	Flag indicating item is an inventory asset
BUYER_ID	NULL	NUMBER(9)	Buyer identifier
REPETITIVE_PLANNING_FLAG	NULL	VARCHAR2(1)	Flag indicating item to be planned as repetitive schedule
PICK_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating whether all shippable components should be picked

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_SYSTEM_ITEMS_N1	NOT UNIQUE	5	PLAN_ID
		6	PLANNER_CODE
		15	ORGANIZATION_ID
		20	SR_INSTANCE_ID
		25	INVENTORY_ITEM_ID
MSC_SYSTEM_ITEMS_U1	UNIQUE	5	PLAN_ID
		10	SR_INSTANCE_ID
		12	ORGANIZATION_ID
		15	INVENTORY_ITEM_ID
MSC_SYSTEM_ITEMS_U2	UNIQUE	5	PLAN_ID
		7	SR_INSTANCE_ID
		10	ORGANIZATION_ID
		15	ITEM_NAME
MSC_SYSTEM_ITEMS_U3	UNIQUE	5	PLAN_ID
		6	SR_INSTANCE_ID
		11	ORGANIZATION_ID
		16	SR_INVENTORY_ITEM_ID

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MSC_TP_ID_LID

This table is used by the collection program to maintain the correspondence between the source instances identifiers and the planning identifiers for trading partners.

Column Descriptions

Name	Null?	Type	Description
SR_TP_ID	NOT NULL	NUMBER	Trading partner identifier from source application instance
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
PARTNER_TYPE	NOT NULL	NUMBER	Indicate type of partner, supplier or customer
TP_ID	NOT NULL	NUMBER	Trading partner identifier generated at planning server

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_TP_ID_LID_U1	UNIQUE	5	SR_INSTANCE_ID
		10	SR_TP_ID
		15	PARTNER_TYPE

MSC_TP_SITE_ID_LID

This table is used by the collection program to maintain the correspondence between the source instances identifiers and the planning identifiers for trading partner sites.

Column Descriptions

Name	Null?	Type	Description
SR_TP_SITE_ID	NOT NULL	NUMBER	Trading partner site identifier at source application instance
PARTNER_TYPE	NOT NULL	NUMBER	Indicate type of partner, supplier or customer
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
TP_SITE_ID	NOT NULL	NUMBER	Trading partner site identifier generated at planning server

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_TP_SITE_ID_LID_U1	UNIQUE	5	SR_INSTANCE_ID
		10	SR_TP_SITE_ID
		15	PARTNER_TYPE

MSC_TRADING_PARTNERS

This table stores information about the different organizations: customers, vendors, and planned organizations.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_TRADING_PARTNERS	PARTNER_ID	MODELED_CUSTOMER_ID
MSC_TRADING_PARTNERS	PARTNER_ID	MODELED_SUPPLIER_ID
MSC_TRADING_PARTNER_SITES	PARTNER_SITE_ID	MODELED_CUSTOMER_SITE_ID
MSC_TRADING_PARTNER_SITES	PARTNER_SITE_ID	MODELED_SUPPLIER_SITE_ID

Column Descriptions

Name	Null?	Type	Description
PARTNER_ID (PK)	NOT NULL	NUMBER	Unique partner identifier which can be customer id, vendor id, or inventory organization id
SR_TP_ID	NOT NULL	NUMBER	Unique partner identifier in the source application instance
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
ORGANIZATION_CODE	NULL	VARCHAR2(7)	The code includes instance code and organization code
DISABLE_DATE	NULL	DATE	Disable date of the trading partner
STATUS	NULL	VARCHAR2(1)	Status of the trading partner
MASTER_ORGANIZATION	NULL	NUMBER	Master organization identifier
WEIGHT_UOM	NULL	VARCHAR2(3)	Weight unit of measure
MAXIMUM_WEIGHT	NULL	NUMBER	Weight capacity
VOLUME_UOM	NULL	VARCHAR2(3)	Volume unit of measure
MAXIMUM_VOLUME	NULL	NUMBER	Volume capacity
PARTNER_TYPE	NOT NULL	NUMBER	Specify the type of partner: Customer, Supplier, or Organization
PARTNER_NAME	NOT NULL	VARCHAR2(80)	Name of the supplier or customer
PARTNER_NUMBER	NULL	VARCHAR2(154)	Number of the supplier or customer
CALENDAR_CODE	NULL	VARCHAR2(14)	Calendar used for this partner. The code includes instance code and calendar code from the source apps.
CALENDAR_EXCEPTION_SET_ID	NULL	NUMBER	Calendar exception set identifier
OPERATING_UNIT	NULL	NUMBER	Operating unit
PROJECT_REFERENCE_ENABLED	NULL	NUMBER	Flag indicates whether project references are allowed in the organization or not
PROJECT_CONTROL_LEVEL	NULL	NUMBER	Specifies whether project references are being tracked at the project or task level
SOURCE_ORG_ID	NULL	NUMBER	Org level default for source organization
DEMAND_LATENESS_COST	NULL	NUMBER	Demand lateness cost
SUPPLIER_CAP_OVERUTIL_COST	NULL	NUMBER	Supplier overutilization cost
RESOURCE_CAP_OVERUTIL_COST	NULL	NUMBER	Resource overutilization cost
DEFAULT_DEMAND_CLASS	NULL	VARCHAR2(34)	Default demand class assigned to the organization

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Column Descriptions (Continued)

Name	Null?	Type	Description
MODELED_CUSTOMER_ID	NULL	NUMBER	Customer identifier which is modelled as inventory organization
MODELED_CUSTOMER_SITE_ID	NULL	NUMBER	Customer site identifier which is modelled as inventory organization
MODELED_SUPPLIER_ID	NULL	NUMBER	Supplier identifier which is modelled as inventory organization
MODELED_SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier which is modelled as inventory organization
TRANSPORT_CAP_OVER_UTIL_COST	NULL	NUMBER	The Penalty cost for transportation capacity
REFRESH_NUMBER	NULL	NUMBER	Refresh number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
USE_PHANTOM_ROUTINGS	NULL	NUMBER	Use-phantom-routings flag
INHERIT_PHANTOM_OP_SEQ	NULL	NUMBER	Inherit-phantom-op-seq flag
DEFAULT_ATP_RULE_ID	NULL	NUMBER	Default ATP rule identifier
MATERIAL_ACCOUNT	NULL	NUMBER	Material account
EXPENSE_ACCOUNT	NULL	NUMBER	Expense account
ORGANIZATION_TYPE	NULL	NUMBER	Organization type

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_TRADING_PARTNERS_U1	UNIQUE	5	PARTNER_ID
MSC_TRADING_PARTNERS_U2	UNIQUE	5	SR_INSTANCE_ID
		10	SR_TP_ID
		12	PARTNER_TYPE
MSC_TRADING_PARTNERS_U3	UNIQUE	5	PARTNER_TYPE
		10	PARTNER_NAME

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MSC_TRADING_PARTNER_SITES

This table stores information about the different sites of an organization.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_TRADING_PARTNERS	PARTNER_ID	PARTNER_ID

Column Descriptions

Name	Null?	Type	Description
PARTNER_SITE_ID	NOT NULL	NUMBER	Partner site identifier
SR_TP_SITE_ID	NULL	NUMBER(15)	Partner site identifier from the source application instance
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
PARTNER_ID	NOT NULL	NUMBER	Unique partner identifier: customer id, supplier id, or organization id
PARTNER_ADDRESS	NULL	VARCHAR2(1600)	Address of the partner site
TP_SITE_CODE	NULL	VARCHAR2(30)	Trading partner site code
SR_TP_ID	NULL	NUMBER	Trading partner identifier from source application instance
LOCATION	NULL	VARCHAR2(40)	Location of the site
PARTNER_TYPE	NOT NULL	NUMBER	Indicate type of partner, supplier or customer
DELETED_FLAG	NULL	NUMBER	Flag to indicate whether the row is no longer valid. SYS_YES means the row will be deleted
LONGITUDE	NULL	NUMBER(10,7)	Longitude
LATITUDE	NULL	NUMBER(10,7)	Latitude
REFRESH_NUMBER	NULL	NUMBER	Refresh number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
OPERATING_UNIT_NAME	NULL	VARCHAR2(60)	

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MSC_TRADING_PARTNER_SITES_N1	NOT UNIQUE	5	SR_INSTANCE_ID
		10	SR_TP_SITE_ID
		12	PARTNER_TYPE
MSC_TRADING_PARTNER_SITES_U1	UNIQUE	5	PARTNER_SITE_ID
MSC_TRADING_PARTNER_SITES_U3	UNIQUE	2	PARTNER_ID
		5	TP_SITE_CODE
		6	LOCATION
		10	OPERATING_UNIT_NAME

Sequences

<u>Sequence</u>	<u>Derived Column</u>
MSC_TRADING_PARTNER_SITES_S	PARTNER_SITE_ID
MSC_TRADING_PARTNERS_S	PARTNER_ID

MSC_UNITS_OF_MEASURE

MSC_UNITS_OF_MEASURE is the definition table for both the 25-character and the 3-character units of measure.

Column Descriptions

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

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_UNITS_OF_MEASURE_U1	UNIQUE	5	UNIT_OF_MEASURE

MSC_UNIT_NUMBERS

This table stores the different unit numbers for all unit effective items.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_SYSTEM_ITEMS	ORGANIZATION_ID	MASTER_ORGANIZATION_ID
	SR_INSTANCE_ID	SR_INSTANCE_ID
	INVENTORY_ITEM_ID	END_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
UNIT_NUMBER	NOT NULL	VARCHAR2(30)	Unit number identifier
END_ITEM_ID	NOT NULL	NUMBER	End item identifier
MASTER_ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
COMMENTS	NULL	VARCHAR2(240)	Description
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
REFRESH_NUMBER	NULL	NUMBER	Refresh number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_UNIT_NUMBERS_U1	UNIQUE	5	SR_INSTANCE_ID
		10	UNIT_NUMBER

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MSC_UOM_CLASS_CONVERSIONS

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

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_UNITS_OF_MEASURE	UNIT_OF_MEASURE	FROM_UNIT_OF_MEASURE
MSC_UNITS_OF_MEASURE	UNIT_OF_MEASURE	TO_UNIT_OF_MEASURE

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NOT NULL	NUMBER	The inventory item for which the conversion factors between base units of measure, is defined.
FROM_UNIT_OF_MEASURE	NOT NULL	VARCHAR2(25)	Base unit of measure of the item's base class
FROM_UOM_CODE	NOT NULL	VARCHAR2(3)	Base unit of measure short name for the item's base class
FROM_UOM_CLASS	NOT NULL	VARCHAR2(10)	Base class of the item
TO_UNIT_OF_MEASURE	NOT NULL	VARCHAR2(25)	Base unit of the class to which the conversion is defined
TO_UOM_CODE	NOT NULL	VARCHAR2(3)	Base unit short name of the class to which the conversion is defined
TO_UOM_CLASS	NOT NULL	VARCHAR2(10)	Class to which the conversion is defined
CONVERSION_RATE	NOT NULL	NUMBER	Conversion rate from the item's class base unit to the "to" class base unit
DISABLE_DATE	NULL	DATE	Date when the defined inter-class conversion can no longer be used
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
REFRESH_NUMBER	NULL	NUMBER	Refresh number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_UOM_CLASS_CONVERSIONS_U1	UNIQUE	5	INVENTORY_ITEM_ID
		10	FROM_UNIT_OF_MEASURE
		15	TO_UNIT_OF_MEASURE

MSC_UOM_CONVERSIONS

This table stores the different non-base units of measure known conversions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MSC_SYSTEM_ITEMS	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
MSC_UNITS_OF_MEASURE	UNIT_OF_MEASURE	UNIT_OF_MEASURE

Column Descriptions

Name	Null?	Type	Description
SR_INSTANCE_ID	NOT NULL	NUMBER	Source application instance identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(25)	Primary unit of measure long name
UOM_CODE	NOT NULL	VARCHAR2(3)	Destination unit of measure short name
UOM_CLASS	NOT NULL	VARCHAR2(10)	Destination class of conversion
CONVERSION_RATE	NULL	NUMBER	Conversion rate from conversion unit to base unit of class
DISABLE_DATE	NULL	DATE	Date when the conversion is no longer valid to be used in the system (transactions, etc)
DEFAULT_CONVERSION_FLAGS	NOT NULL	VARCHAR2(1)	Indicates whether the conversion factor applies for this particular item, or it is defined as the standard conversion factor
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
REFRESH_NUMBER	NULL	NUMBER	Refresh number
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
MSC_UOM_CONVERSIONS_U1	UNIQUE	5	INVENTORY_ITEM_ID
		15	UNIT_OF_MEASURE

MSC_WIP_JOB_DTLS_INTERFACE

MSC_JOB_DTLS_INTERFACE contains requests to add/delete/modify material and/or resource requirements for existing discrete jobs or repetitive schedules.

Column Descriptions

Name	Null?	Type	Description
INTERFACE_ID	NULL	NUMBER	Interface identifier
GROUP_ID	NULL	NUMBER	Processing group identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence number
RESOURCE_ID_OLD	NULL	NUMBER	Resource identifier existing in current jobs/ schedules
RESOURCE_ID_NEW	NULL	NUMBER	Resource identifier to be added/changed to
USAGE_RATE_OR_AMOUNT	NULL	NUMBER	Assembly or amount per job/schedule
SCHEDULED_FLAG	NULL	NUMBER	Method of scheduling the resource
ASSIGNED_UNITS	NULL	NUMBER	Number of resources assigned to do work
APPLIED_RESOURCE_UNITS	NULL	NUMBER	Amount of resource units charged
APPLIED_RESOURCE_VALUE	NULL	NUMBER	Value of resource units charged
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code
BASIS_TYPE	NULL	NUMBER	Basis for scheduling and charging resource
ACTIVITY_ID	NULL	NUMBER	Activity identifier
AUTOCHARGE_TYPE	NULL	NUMBER	Method of charging the resource
STANDARD_RATE_FLAG	NULL	NUMBER	Indicates whether the resource is charged at the standard rate
START_DATE	NULL	DATE	Scheduled start date of the resource
COMPLETION_DATE	NULL	DATE	Scheduled completion date of the resource
INVENTORY_ITEM_ID_OLD	NULL	NUMBER	Old material requirement identifier
INVENTORY_ITEM_ID_NEW	NULL	NUMBER	New material requirement identifier
QUANTITY_PER_ASSEMBLY	NULL	NUMBER	Part usage quantity
DEPARTMENT_ID	NULL	NUMBER	Department identifier
WIP_SUPPLY_TYPE	NULL	NUMBER	Method of material consumption within WIP
DATE_REQUIRED	NULL	DATE	Operation requirement start date
REQUIRED_QUANTITY	NULL	NUMBER	Required quantity
QUANTITY_ISSUED	NULL	NUMBER	Issued quantity
SUPPLY_SUBINVENTORY	NULL	VARCHAR2(10)	Supply subinventory
SUPPLY_LOCATOR_ID	NULL	NUMBER	Locator used to supply component to WIP
MRP_NET_FLAG	NULL	NUMBER	Whether or not MRP should consider the component requirement in its netting process
MPS_REQUIRED_QUANTITY	NULL	NUMBER	Quantity used by MPS relief process
MPS_DATE_REQUIRED	NULL	DATE	Date used by MPS relief process

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Column Descriptions (Continued)

Name	Null?	Type	Description
LOAD_TYPE	NULL	NUMBER	Material or resource requirement
SUBSTITUTION_TYPE	NULL	NUMBER	Add, delete or change
PROCESS_PHASE	NULL	NUMBER	Process phase
PROCESS_STATUS	NULL	NUMBER	Process status
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
CREATION_DATE	NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_ID	NULL	NUMBER	Concurrent Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who Column
PARENT_HEADER_ID	NULL	NUMBER	Identifies this rows parent in JOB_SCHEDULE_INTERFACE
DESCRIPTION	NULL	VARCHAR2(240)	Describe the job detail
STANDARD_OPERATION_ID	NULL	NUMBER	Standard operation identifier
FIRST_UNIT_START_DATE	NULL	DATE	First unit start date
FIRST_UNIT_COMPLETION_DATE	NULL	DATE	First unit completion date
LAST_UNIT_START_DATE	NULL	DATE	Last unit start date
LAST_UNIT_COMPLETION_DATE	NULL	DATE	Last unit completion date
COUNT_POINT_TYPE	NULL	NUMBER	Count point type
BACKFLUSH_FLAG	NULL	NUMBER	Backflush flag
MINIMUM_TRANSFER_QUANTITY	NULL	NUMBER	Minimum transfer quantity
WIP_ENTITY_ID	NULL	NUMBER	WIP entity identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
ORGANIZATION_TYPE	NULL	NUMBER	Organization type
ALTERNATE_NUM	NULL	NUMBER	

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MSC_WIP_JOB_SCHEDULE_INTERFACE

MSC_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.

Column Descriptions

Name	Null?	Type	Description
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
CREATION_DATE	NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
GROUP_ID	NULL	NUMBER	Processing group identifier
SOURCE_CODE	NULL	VARCHAR2(30)	Code of the process that generated the interface record
SOURCE_LINE_ID	NULL	NUMBER	Identifier of the source system that generated the interface record
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
LOAD_TYPE	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	
LAST_UNIT_COMPLETION_DATE	NULL	DATE	Date job or schedule should end
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
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item identifier of the assembly the job or repetitive schedule creates
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
CLASS_CODE	NULL	VARCHAR2(10)	Accounting class associated with job or repetitive assembly
JOB_NAME	NULL	VARCHAR2(240)	WIP job name
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 a job or schedule
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class code
START_QUANTITY	NULL	NUMBER	Job start quantity
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
PROCESS_PHASE	NULL	NUMBER	Process phase
PROCESS_STATUS	NULL	NUMBER	Process status
SCHEDULE_GROUP_ID	NULL	NUMBER	Schedule group identifier
BUILD_SEQUENCE	NULL	NUMBER	Build sequence
PROJECT_ID	NULL	NUMBER	Project identifier
TASK_ID	NULL	NUMBER	Task identifier
NET_QUANTITY	NULL	NUMBER	Job net quantity

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Column Descriptions (Continued)

Name	Null?	Type	Description
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	End item unit number
SR_INSTANCE_ID	NULL	NUMBER	Source application instance identifier
BILL_RTG_EXPLOSION_FLAG	NULL	VARCHAR2(1)	Bill routing explosion flag
HEADER_ID	NULL	NUMBER	Header identifier
ORGANIZATION_TYPE	NULL	NUMBER	Organization type

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MSC_WORKBENCH_DISPLAY_OPTIONS

MSC_WORKBENCH_DISPLAY_OPTIONS is a table that stores the user display preferences for the Planner Workbench. This table has a row for every user who has defined and saved the display preferences from the Preferences window of the Planner Workbench. The summary columns control the display of various row types in the Horizontal Plan window of the Planner Workbench. The orders column filter the order types in the Supply, Demand, and Supply/Demand windows.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
GROUP_BY_CODE	MRP_PO_GROUP_BY	MFG_LOOKUPS
	1	All
	2	Item
	3	Buyer
	4	Planner
	5	Vendor
	6	One each
	7	Category
ORDERS_DEFAULT_JOB_STATUS	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
USER_ID	NOT NULL	NUMBER	User identifier
DEFAULT_FLAG	NULL	NUMBER	Default flag
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
SUMMARY_FIELD_WIDTH	NULL	NUMBER	Horizontal plan field width
CREATION_DATE	NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
SUMMARY_SALES_ORDERS	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_FORECAST	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_DEPENDENT_DEMAND	NULL	VARCHAR2(1)	Display control for Horizontal Plan

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Column Descriptions (Continued)

Name	Null?	Type	Description
SUMMARY_SCRAP	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_INDEPENDENT_DEMAND	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_GROSS_REQUIREMENTS	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_SCHEDULED_RECEIPTS	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_PLANNED_ORDERS	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_TOTAL_SUPPLY	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_PAB	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_SS	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_ATP	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_CURRENT_RECEIPTS	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_POH	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_DISPLAY_FACTOR	NULL	NUMBER	Display control for Horizontal Plan
ORDERS_DEFAULT_JOB_STATUS	NULL	NUMBER	Default job status
SUMMARY_DECIMAL_PLACES	NULL	NUMBER	Display control for Horizontal Plan
ORDERS_RELEASE_PHANTOMS	NULL	VARCHAR2(1)	Display control for release phantoms
ORDERS_RELEASE_CONFIGS	NULL	VARCHAR2(1)	Display control for release configs
ORDERS_FOLDER_ID	NULL	NUMBER	Orders folder identifier
SUMMARY_BEGINNING_ON_HAND	NULL	VARCHAR2(1)	Display control for Horizontal Plan
ORDERS_CUTOFF_DATE	NULL	DATE	Orders cutoff date
SUMMARY_WIP	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_PO	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_REQ	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_TRANSIT	NULL	VARCHAR2(1)	Display control for Horizontal Plan
SUMMARY_RECEIVING	NULL	VARCHAR2(1)	Display control for Horizontal Plan
GROUP_BY_CODE	NULL	NUMBER	Group by code
JOB_CLASS_CODE	NULL	VARCHAR2(10)	Job class code
SUMMARY_EXP_LOT	NULL	VARCHAR2(1)	Display control for Horizontal Plan
IND_DEMAND_TYPE	NULL	NUMBER	Independent demand type
SOURCE_LIST	NULL	VARCHAR2(10)	Source list
CRP_PLANNED_ORDERS	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_NON_STD_JOB_ORDERS	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_DISCRETE_JOBS	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_REPETITIVE_SCHEDULES	NULL	VARCHAR2(1)	Display control for capacity horizontal plan

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Column Descriptions (Continued)

Name	Null?	Type	Description
CRP_REQUIRE_HOURS	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_HOUR_AVAILABLE	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_NET_HOUR_AVAILABLE	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_CUM_HOUR_AVAILABLE	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_ROUTING_CAPACITY_UTIL	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_CUM_ROUTING_CAPACITY_UTIL	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_HOURS_REQUIRED_PER_DAY	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_HOURS_AVAIL_PER_DAY	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_SUM_OF_CAP_CHANGES	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_CUM_SUM_OF_CHANGES	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_RESOURCE_COST	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_REQUIRED_RATE	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_AVAILABLE_RATE	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_NET_AVAILABLE_RATE	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_CUM_AVAILABLE_RATE	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_RATE_CAPACITY_UTIL	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_CUM_RATE_CAPACITY_UTIL	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_DAILY_REQUIRED_RATE	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_DAILY_AVAILABLE_RATE	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
CRP_LINE_COST	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
SUMMARY_FLOW_SCHEDULES	NULL	VARCHAR2(1)	Display control for flow schedules
CRP_FLOW_SCHEDULES	NULL	VARCHAR2(1)	Display control for capacity horizontal plan
ORDERS_FIRM_JOBS	NULL	VARCHAR2(1)	Orders firm jobs
SUMMARY_PAYBACK_SUPPLY	NULL	VARCHAR2(1)	Display control for payback supply
SUMMARY_PAYBACK_DEMAND	NULL	VARCHAR2(1)	Display control for payback demand
SUMMARY_DISPLAY_DAYS	NULL	NUMBER	Summary display in days
SUMMARY_DISPLAY_WEEKS	NULL	NUMBER	Summary display in weeks
SUMMARY_DISPLAY_PERIODS	NULL	NUMBER	Summary displays in periods
CATEGORY_SET_ID	NULL	NUMBER	Category set identifier
RECOMMENDATION_DAYS	NULL	NUMBER	Recommendation days
SUPPLIER_PURCHASE_ORDERS	NULL	VARCHAR2(1)	Display control for purchase orders
SUPPLIER_PURCHASE_REQS	NULL	VARCHAR2(1)	Display control for purchase requisitions
SUPPLIER_PLANNED_ORDERS	NULL	VARCHAR2(1)	Display control for planned orders

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Column Descriptions (Continued)

Name	Null?	Type	Description
SUPPLIER_REQUIRED_CAP	NULL	VARCHAR2(1)	Display control for required capacity
SUPPLIER_CAP_AVAIL	NULL	VARCHAR2(1)	Display control for available capacity
SUPPLIER_NET_CAP_AVAIL	NULL	VARCHAR2(1)	Display control for net available capacity
SUPPLIER_CUM_CAP_AVAIL	NULL	VARCHAR2(1)	Display control for cumulative available capacity
SUPPLIER_CAPACITY_UTIL	NULL	VARCHAR2(1)	Display control for capacity utilization
SUPPLIER_CUM_CAPACITY_UTIL	NULL	VARCHAR2(1)	Display control for cumulative capacity utilization
DEFAULT_LEFT_TAB	NULL	VARCHAR2(30)	Default left tab
DEFAULT_RIGHT_TAB	NULL	VARCHAR2(240)	Default right tab
TRANS_WEIGHT_CAPACITY_AVAIL	NULL	VARCHAR2(1)	Display control for transportation weight capacity availability
TRANS_VOLUME_CAPACITY_AVAIL	NULL	VARCHAR2(1)	Display control for transportation volume capacity availability
TRANS_WEIGHT_CAPACITY_REQ	NULL	VARCHAR2(1)	Display control for required transportation weight capacity
TRANS_VOLUME_CAPACITY_REQ	NULL	VARCHAR2(1)	Display control for required transportation volume capacity
TRANS_WEIGHT_LOAD_RATIO	NULL	VARCHAR2(1)	Display control for transportation weight load ratio
TRANS_VOLUME_LOAD_RATIO	NULL	VARCHAR2(1)	Display control for transportation volume load ratio
RETAIN_FOLDER_CRITERIA	NULL	VARCHAR2(1)	Flag indicating whether folder criteria is retained

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