

Oracle® Process Manufacturing

Implementation Guide

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Oracle Process Manufacturing Implementation Guide, Release 11i

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Oracle Process Manufacturing Implementation Guide, Release 11i

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Oracle Corporation welcomes your comments and suggestions on the quality and usefulness of this publication. Your input is an important part of the information used for revision.

- Did you find any errors?
- Is the information clearly presented?
- Do you need more information? If so, where?
- Are the examples correct? Do you need more examples?
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- Postal service:
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U.S.A.
- Electronic mail message to appsdoc@us.oracle.com

If you would like a reply, please give your name, address, and telephone number below.

If you have problems with the software, please contact your local Oracle Support Services.

Preface

Audience for This Guide

Welcome to Release 11i of the *Oracle Process Manufacturing Implementation Guide*.

This guide assumes you have a working knowledge of the following:

- The principles and customary practices of your business area.
- Oracle Process Manufacturing

If you have never used Oracle Process Manufacturing, Oracle suggests you attend one or more of the Oracle Process Manufacturing training classes available through Oracle University.

- The Oracle Applications graphical user interface.

To learn more about the Oracle Applications graphical user interface, read the *Oracle Applications User's Guide*.

See Other Information Sources for more information about Oracle Applications product information.

How To Use This Guide

This guide contains the information you need to understand and use Oracle Process Manufacturing.

- Chapter 1 describes the different configuration road maps that can be taken during an OPM implementation.
- Chapter 2 describes how to set up and manage the AOL System Administration of the Oracle Applications installation.

- Chapter 3 lists the implementation steps for System Administration, Set of Books, General Ledger (GL), Accounts Payable (AP), and Accounts Receivable (AR) modules.
- Chapter 4 describes the set up for Oracle Purchasing for Process Inventory.
- Chapter 5 describes the set up for Common Purchasing.
- Chapter 6 describes the set up for Order Management for Process Inventory.
- Chapter 7 describes the set up for Order Fulfillment.
- Chapter 8 lists the OPM EDI Gateway options, setup steps, and table and data values.
- Chapter 9 describes compiling ar60runb and when it is done manually.
- Appendix A lists the Profile Options for OPM, including a description, the default value, other value options, and the recommended change levels.
- Appendix B lists all the MLS compliant tables in OPM.
- Appendix C lists all the Oracle E-Records seed data for the OPM events.

Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible, with good usability, to the disabled community. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Standards will continue to evolve over time, and Oracle Corporation is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For additional information, visit the Oracle Accessibility Program Web site at <http://www.oracle.com/accessibility/>.

Accessibility of Code Examples in Documentation

JAWS, a Windows screen reader, may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, JAWS may not always read a line of text that consists solely of a bracket or brace.

Other Information Sources

You can choose from many sources of information, including online documentation, training, and support services, to increase your knowledge and understanding of Oracle Process Manufacturing System Administration.

If this guide refers you to other Oracle Applications documentation, use only the Release 11*i* versions of those guides.

Online Documentation

All Oracle Applications documentation is available online (HTML or PDF).

- **Online Help** - The new features section in the HTML help describes new features in 11*i*. This information is updated for each new release of Oracle Process Manufacturing System Administration. The new features section also includes information about any features that were not yet available when this guide was printed. For example, if your administrator has installed software from a mini-packs an upgrade, this document describes the new features. Online help patches are available on Oracle *MetaLink*.

- **11i Features Matrix** - This document lists new features available by patch and identifies any associated new documentation. The new features matrix document is available on *OracleMetaLink*.
- **Readme File** - Refer to the readme file for patches that you have installed to learn about new documentation or documentation patches that you can download.

Related User's Guides

Oracle Process Manufacturing shares business and setup information with other Oracle Applications products. Therefore, you may want to refer to other user's guides when you set up and use Oracle Process Manufacturing.

You can read the guides online by choosing Library from the expandable menu on your HTML help window, by reading from the Oracle Applications Document Library CD included in your media pack, or by using a Web browser with a URL that your system administrator provides.

If you require printed guides, you can purchase them from the Oracle Store at <http://oraclestore.oracle.com>.

Guides Related to All Products

Oracle Applications User's Guide

This guide explains how to enter data, query, run reports, and navigate using the graphical user interface (GUI) available with this release of Oracle Process Manufacturing (and any other Oracle Applications products). This guide also includes information on setting user profiles, as well as running and reviewing reports and concurrent processes.

You can access this user's guide online by choosing "Getting Started with Oracle Applications" from any Oracle Applications help file.

User Guides Related to This Product

Accounting Setup User's Guide

The OPM Accounting Setup application is where users set up global accounting attributes about the way financial data will be collected by OPM. These attributes include such things as account keys, financial calendars, and account segments. Since OPM is closely integrated with Oracle General Ledger (GL), much of the

attributes are defined in the Oracle GL instead of OPM, and therefore, the windows are display only within OPM. The *Oracle Process Manufacturing Accounting Setup User's Guide* describes how to setup and use this application.

Cost Management User's Guide

The OPM Cost Management application is used by cost accountants to capture and review the manufacturing costs incurred in their process manufacturing businesses. The *Oracle Process Manufacturing Cost Management User's Guide* describes how to setup and use this application.

Manufacturing Accounting Controller User's Guide

The Manufacturing Accounting Controller application is where users define the impact of manufacturing events on financials. For example, event RCPT (Inventory Receipts) results in a debit to inventory, a credit to accrued accounts payable, a debit or a credit to purchase price variance, etc. These impacts are predefined in the Manufacturing Accounting Controller application so users may begin using OPM to collect financial data out-of-the-box, however, they may also be adjusted per your business needs. The *Oracle Process Manufacturing Manufacturing Accounting Controller User's Guide* describes how to setup and use this application.

Oracle Financials Integration User's Guide

Since OPM is closely integrated with Oracle General Ledger, financial data that is collected about the manufacturing processes must be transferred to the Oracle Financials applications. The OPM Oracle Financials Integration application is where users define how that data is transferred. For example, users define whether data is transferred real time or batched and transferred at intervals. The *Oracle Process Manufacturing Oracle Financials Integration User's Guide* describes how to setup and use this application.

Inventory Management User's Guide

The OPM Inventory Management application is where data about the items purchased for, consumed during, and created as a result of the manufacturing process are tracked. The *Oracle Process Manufacturing Inventory Management User's Guide* includes information to help you effectively work with the Oracle Process Manufacturing Inventory application.

Physical Inventory User's Guide

Performing physical inventory count is the most accurate way to get an accounting of all material quantities purchased, manufactured, and sold, and update your onhand quantities accordingly. The OPM Physical Inventory application automates and enables the physical inventory process. The *Oracle Process Manufacturing Physical Inventory User's Guide* describes how to setup and use this application.

Order Fulfillment User's Guide

The OPM Order Fulfillment application automates sales order entry to reduce order cycle time. Order Fulfillment enables order entry personnel to inform customers of scheduled delivery dates and pricing. The *Oracle Process Manufacturing Order Fulfillment User's Guide* describes how to setup and use this application.

Purchase Management User's Guide

OPM Purchase Management and Oracle Purchasing combine to provide an integrated solution for Process Manufacturing. Purchase orders are entered in Oracle Purchasing and received in OPM. Then, the receipts entered in OPM are sent to Oracle Purchasing. The *Oracle Process Manufacturing Purchase Management User's Guide* describes how to setup and use this integrated solution.

Using Oracle Order Management with Process Inventory Guide

Oracle Process Manufacturing and Oracle Order Management combine to provide an integrated solution for process manufacturers. The manufacturing process is tracked and handled within Oracle Process Manufacturing, while sales orders are taken and tracked in Oracle Order Management. Process attributes, such as dual UOM and lot control, are enabled depending on the inventory organization for the item on the sales order. Order Management accepts orders entered through Oracle Customer Relationship Management (CRM). Within CRM, orders can originate from TeleSales, Sales Online, and iStore, and are booked in Order Management, making the CRM suite of products available to Process customers, through Order Management. The *Oracle Order Management User's Guide* and *Using Oracle Order Management with Process Inventory Guide* describes how to setup and use this integrated solution.

Process Execution User's Guide

The OPM Process Execution application lets you track firm planned orders and production batches from incoming materials through finished goods. Seamlessly integrated to the Product Development application, Process Execution lets you convert firm planned orders to single or multiple production batches, allocate

ingredients, record actual ingredient usage, and then complete and close production batches. Production inquiries and preformatted reports help you optimize inventory costs while maintaining a high level of customer satisfaction with on-time delivery of high quality products. The *OPM Process Execution User's Guide* presents overviews of the tasks and responsibilities for the Production Supervisor and the Production Operator. It provides prerequisite setup in other applications, and details the windows, features, and functionality of the OPM Process Execution application.

Using Oracle Advanced Planning and Scheduling with Oracle Process Manufacturing

Oracle Process Manufacturing and Oracle Advanced Planning and Scheduling (APS) combine to provide a solution for process manufacturers that can help increase planning efficiency. This solution provides for constraint-based planning, performance management, materials management by exception, mixed mode manufacturing that enables you to choose the best method to produce each of your products, and combine all of these methods within the same plant/company. The *Using Oracle Advanced Planning and Scheduling with Oracle Process Manufacturing User's Guide* describes how to setup and use this application.

MPS/MRP and Forecasting User's Guide

The Oracle Process Manufacturing Material Requirements Planning (MRP) application provides long-term "views" of material demands and projected supply actions to satisfy those demands. The Master Production Scheduling (MPS) application lets you shorten that view to a much narrower and immediate time horizon, and see the immediate effects of demand and supply actions. The *Oracle Process Manufacturing MPS/MRP and Forecasting User's Guide* describes how to setup and use this application.

Capacity Planning User's Guide

The OPM Capacity Planning User's Guide describes the setup required to use OPM with the Oracle Applications Advanced Supply Chain Planning solutions. In addition, Resource setup, used by the OPM Production Execution and New Product Development applications, is also described.

Using Oracle Process Manufacturing with Oracle Manufacturing Scheduling

Oracle Process Manufacturing integrates with Oracle Manufacturing Scheduling to manage and utilize resources and materials. Through the Process Manufacturing application, you set up manufacturing, inventory, procurement and sales order

data. Through the Manufacturing Scheduling application, you can optimize the schedule based on resource and component constraints and user predefined priorities. Using different optimization objectives, you can tailor Manufacturing Scheduling to meet your needs.

Using Oracle Manufacturing Scheduling helps you improve productivity and efficiency on your shop floor. By optimally scheduling shop floor jobs, and being able to quickly react to unplanned constraints, you can lower manufacturing costs, increase resource utilization and efficiency, and increase customer satisfaction through improved on-time delivery. The *Using Oracle Process Manufacturing with Oracle Manufacturing Scheduling User's Guide* describes how to setup and use this integrated solution.

Product Development User's Guide

The Oracle Process Manufacturing Product Development application provides features to manage formula and laboratory work within the process manufacturing operation. It lets you manage multiple laboratory organizations and support varying product lines throughout the organization. You can characterize and simulate the technical properties of ingredients and their effects on formulas. You can optimize formulations before beginning expensive laboratory test batches. Product Development coordinates each development function and enables a rapid, enterprise-wide implementation of new products in your plants. The *Oracle Process Manufacturing Product Development User's Guide* describes how to setup and use this application.

Quality Management User's Guide

The Oracle Process Manufacturing Quality Management application provides features to test material sampled from inventory, production, or receipts from external suppliers. The application lets you enter specifications and control their use throughout the enterprise. Customized workflows and electronic record keeping automate plans for sampling, testing, and result processing. You can compare specifications to assist in regrading items, and match customer specifications. Aggregate test results and print statistical assessments on quality certificates. Several preformatted reports and inquiries help manage quality testing and reporting. The *Oracle Process Manufacturing Quality Management User's Guide* describes how to set up and use this application.

Implementation Guide

The *Oracle Process Manufacturing Implementation Guide* offers information on setup. That is, those tasks you must complete following the initial installation of the Oracle

Process Manufacturing software. Any tasks that must be completed in order to use the system out-of-the-box are included in this manual.

System Administration User's Guide

Much of the System Administration duties are performed at the Oracle Applications level, and are therefore described in the *Oracle Applications System Administrator's Guide*. The *Oracle Process Manufacturing System Administration User's Guide* provides information on the few tasks that are specific to OPM. It offers information on performing OPM file purge and archive, and maintaining such things as responsibilities, units of measure, and organizations.

API User's Guides

Public Application Programming Interfaces (APIs) are available for use with different areas of the Oracle Process Manufacturing application. APIs make it possible to pass information into and out of the application, bypassing the user interface. Use of these APIs is documented in individual manuals such as the *Oracle Process Manufacturing Inventory API User's Guide*, *Oracle Process Manufacturing Process Execution API User's Guide*, *Oracle Process Manufacturing Product Development Formula API User's Guide*, *Oracle Process Manufacturing Quality Management API User's Guide*, and the *Oracle Process Manufacturing Cost Management API User's Guide*. Additional API User's Guides are periodically added as additional public APIs are made available.

Installation and System Administration

Oracle Applications Concepts

This guide provides an introduction to the concepts, features, technology stack, architecture, and terminology for Oracle Applications Release 11*i*. It provides a useful first book to read before an installation of Oracle Applications. This guide also introduces the concepts behind Applications-wide features such as Business Intelligence (BIS), languages and character sets, and Self-Service Web Applications.

Installing Oracle Applications

This guide provides instructions for managing the installation of Oracle Applications products. In Release 11*i*, much of the installation process is handled using Oracle Rapid Install, which minimizes the time to install Oracle Applications, the Oracle8 technology stack, and the Oracle8*i* Server technology stack by

automating many of the required steps. This guide contains instructions for using Oracle Rapid Install and lists the tasks you need to perform to finish your installation. You should use this guide in conjunction with individual product user's guides and implementation guides.

Upgrading Oracle Applications

Refer to this guide if you are upgrading your Oracle Applications Release 10.7 or Release 11.0 products to Release 11*i*. This guide describes the upgrade process and lists database and product-specific upgrade tasks. You must be either at Release 10.7 (NCA, SmartClient, or character mode) or Release 11.0, to upgrade to Release 11*i*. You cannot upgrade to Release 11*i* directly from releases prior to 10.7.

Maintaining Oracle Applications

Use this guide to help you run the various AD utilities, such as AutoUpgrade, AutoPatch, AD Administration, AD Controller, AD Relink, License Manager, and others. It contains how-to steps, screenshots, and other information that you need to run the AD utilities. This guide also provides information on maintaining the Oracle applications file system and database.

Oracle Applications System Administrator's Guide

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

Oracle Alert User's Guide

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

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 for Forms-Based Products*. It also provides information to help you build your custom Oracle Forms Developer 6*i* forms so that they integrate with Oracle Applications.

Oracle Applications User Interface Standards for Forms-Based Products

This guide 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 by using Oracle Forms.

Other Implementation Documentation

Oracle Applications Product Update Notes

Use this guide as a reference for upgrading an installation of Oracle Applications. It provides a history of the changes to individual Oracle Applications products between Release 11.0 and Release 11*i*. It includes new features, enhancements, and changes made to database objects, profile options, and seed data for this interval.

Multiple Reporting Currencies in Oracle Applications

If you use the Multiple Reporting Currencies feature to record transactions in more than one currency, use this manual before implementing Oracle Process Manufacturing System Administration. This manual details additional steps and setup considerations for implementing Oracle Process Manufacturing System Administration with this feature.

Multiple Organizations in Oracle Applications

This guide describes how to set up and use Oracle Process Manufacturing System Administration with Oracle Applications' Multiple Organization support feature, so you can define and support different organization structures when running a single installation of Oracle Process Manufacturing System Administration.

Oracle Workflow Guide

This guide 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 Applications Flexfields Guide

This guide provides flexfields planning, setup and reference information for the Oracle Process Manufacturing System Administration 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 eTechnical Reference Manuals

Each eTechnical Reference Manual (eTRM) contains database diagrams and a detailed description of database tables, forms, reports, and programs for a specific Oracle Applications product. This information helps you convert data from your existing applications, integrate Oracle Applications data with non-Oracle applications, and write custom reports for Oracle Applications products. Oracle eTRM is available on Oracle *MetaLink*.

Oracle Manufacturing APIs and 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 API's and open interfaces found in Oracle Manufacturing.

Oracle Order Management Suite APIs and 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 API's and open interfaces found in Oracle Order Management Suite.

Oracle Applications Message Reference Manual

This manual describes all Oracle Applications messages. This manual is available in HTML format on the documentation CD-ROM for Release 11i.

Training and Support

Training

Oracle offers a complete set of training courses to help you and your staff master Oracle Process Manufacturing System Administration and reach full productivity quickly. These courses are organized into functional learning paths, so you take only those courses appropriate to your job or area of responsibility.

You have a choice of educational environments. You can attend courses offered by Oracle University at any one of our many Education Centers, you can arrange for our trainers to teach at your facility, or you can use Oracle Learning Network (OLN), Oracle University's online education utility. In addition, Oracle training professionals can tailor standard courses or develop custom courses to meet your

needs. For example, you may want to use your organization structure, terminology, and data as examples in a customized training session delivered at your own facility.

Support

From on-site support to central support, our team of experienced professionals provides the help and information you need to keep Oracle Process Manufacturing System Administration 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 Oracle8i server, and your hardware and software environment.

Do Not Use Database Tools to Modify Oracle Applications Data

Oracle STRONGLY RECOMMENDS that you never use SQL*Plus, Oracle Data Browser, database triggers, or any other tool to modify Oracle Applications data unless otherwise instructed.

Oracle provides powerful tools you can use to create, store, change, retrieve, and maintain information in an Oracle database. But if you use Oracle tools such as SQL*Plus to modify Oracle Applications data, you risk destroying the integrity of your data and you lose the ability to audit changes to your data.

Because Oracle Applications tables are interrelated, any change you make using Oracle Applications can update many tables at once. But when you modify Oracle Applications data using anything other than Oracle Applications, you may change a row in one table without making corresponding changes in related tables. If your tables get out of synchronization with each other, you risk retrieving erroneous information and you risk unpredictable results throughout Oracle Applications.

When you use Oracle Applications to modify your data, Oracle Applications automatically checks that your changes are valid. Oracle Applications also keeps track of who changes information. If you enter information into database tables using database tools, you may store invalid information. You also lose the ability to track who has changed your information because SQL*Plus and other database tools do not keep a record of changes.

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 160 software modules for financial management, supply chain management, manufacturing, project systems, human resources and customer relationship 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.

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

Or, send electronic mail to appsdoc_us@oracle.com.

Road Maps

With standard Oracle Applications, OPM can be configured in several different ways. The road maps detail the paths that can be taken during an OPM install, and what must be done to complete the implementations.

Using OPM with...

All Installations

- All Oracle Applications basic setup
- Chapter 2 of this guide
- Chapter 3 of this guide

Common Purchasing

- Chapter 5 of this guide

Order Management for Process Inventory

- Chapter 6 of this guide

Order Fulfillment

- Chapter 7 of this guide

Oracle Purchasing for Process Inventory

- Chapter 4 of this guide

AOL System Administration

This topic explains how to set up and manage the Oracle System Administration of the Oracle Applications installation.

The following topics are covered:

- » Creating Users
- » Creating Responsibilities
- » Implementing Function Security
- » Creating Additional Users
- » Setting Up Printers
- » Specifying Your Site-Level and Application-Level Profile Options
- » Defining Your Concurrent Managers
- » Defining Request Sets
- » Setting Up an Audit Trail
- » Modifying Language Prompts
- » Modifying Territory LOV Values
- » Defining a Request Security Group
- » Setting Up Descriptive Flexfields
- » Overview of Oracle Applications Help for HTML

Before Running OPM

A number of administrative functions need to be done before you can use OPM. These are found in the System Administrator responsibility.

Implementation

This Setup Checklist is an outline of the steps that need to be taken before the system is ready to use. This does not include the Common Purchasing or Oracle Financials integrations.

Detailed information about each step can be found in the *Oracle Applications System Administrator's Guide*.

After you log on to Oracle System Administrator, complete the following steps to set up your Oracle Applications:

1. Create an Oracle Applications User to Complete Setting Up (Required)
2. Create New Responsibilities (Optional)
3. Implement Function Security (Optional)
4. Create Additional Users (Required)
5. Set Up Your Printers (Required)
6. Specify Your Site-level and Application-level Profile Options (Required with Defaults)
7. Define Your Concurrent Managers (Optional)
8. Define Report Sets (Optional)
9. Set Up AuditTrail (Optional)
10. Modify Language Prompts (Optional)
11. Modify Territory LOV Values (Optional)

Creating Users

You allow a new user to sign-on to Oracle Applications by defining an application user. An application user has a username and a password. You define an initial password, then the first time the application user signs on, they must enter a new (secret) password.

When you define an application user, you assign to the user one or more responsibilities. If you assign only one responsibility, the user, after signing on, immediately enters an application.

If you assign two or more responsibilities, the user, after signing on, sees a window listing available responsibilities.

Creating Responsibilities

A responsibility in Oracle Applications is a level of authority that determines how much of an application's functionality a user can use, what requests and concurrent programs the user can run, and which applications' data those requests and concurrent programs can access.

Oracle Applications provides a set of predefined responsibilities that you can use. You can also define your own responsibilities if the ones provided do not meet your needs.

You associate each responsibility with a data group, request group, and a menu. The data group defines the pairing of application and ORACLE username. The ORACLE username determines the database tables and table privileges accessible by your responsibility. The request group permits the user with this responsibility to run requests, request sets, or concurrent programs from the Submit Request form.

Select a predefined menu. A menu provides access to application functions through a hierarchical arrangement of functions and menus of functions

Use the Responsibilities window to define a new responsibility. You can then assign your new responsibility to a user using the Users window.

Implementing Function Security

Function security is the mechanism by which user access to applications functionality is controlled.

Use the Responsibilities window to limit a responsibility's functionality by excluding menus and functions.

Or

Use the Menus window to create new menus that point to functions you want to make available to a responsibility.

Creating Additional Users

You should use the procedure outlined in Step 1 to create additional application users. When you define a new user, you assign one or more responsibilities and a password that the user changes after the initial logon. You can use the LOV in the Responsibility field to get a list of the standard responsibilities for each application you specify. You can assign multiple responsibilities to a user.

Setting Up Printers

Oracle Applications reports are generated by Oracle Reports. A completed report is sent to the operating system by the concurrent manager, which issues an operating system print command, or calls a custom print program that issues an operating system print command.

Oracle Reports and report generation

Page break, carriage return, line feed, text bold on/off, and text underline on/off instructions within the output file are defined by values in an SRW driver file.

Page break, carriage return, and line feed instructions that are issued before the output file is to be printed or after the output file is printed must be entered in an Oracle Applications printer driver's initialization or reset strings, which are defined by the Printer Drivers form.

SRW Drivers and Oracle Applications Printer Drivers

When the report is not to be printed (number of copies = 0 and the target printer field is blank), Oracle Reports uses the SRW driver named by the print style in the Print Styles form.

When the report is to be printed (number of copies > 0) Oracle Reports uses the SRW driver named by the Oracle Applications printer driver in the Printer Drivers form.

The dimensions of a report are determined by the columns and rows values in the print style, defined using the Print Styles form. These values override the width and height values in an SRW driver file.

Concurrent Manager Issues or Calls a Print Command

When a report is completed, the concurrent manager prepends an initialization string to the output file. The initialization string is defined using the Printer Drivers form.

The concurrent manager appends a reset string to the output file. The reset string is defined using the Printer Drivers form.

An Oracle Applications printer driver is typically executed in one of two methods, by issuing a print command or calling a print program.

When the printer driver method is Command, the concurrent manager can issue an operating system print command and arguments, entered in the Arguments field of the Printer Drivers form.

When the printer driver method is Program, the concurrent manager can call a custom print program, named (along with its path) in the Name field of the Printer Drivers form. Arguments to the program may be entered in the form's Arguments field.

Concurrent Manager can provide values for arguments

The concurrent manager may provide values for four arguments to an operating system print command or custom print program:

- n the name of the file to be printed
- n the operating system name of the target printer
- n the title of the file, which appears on a header page if it is printed
- n the number of copies to be printed

Specifying Your Site-Level and Application-Level Profile Options

A user profile is a set of changeable options that affect the way your application looks and behaves. As System Administrator, you control how Oracle Applications operate by setting user profile options to the values you want. You can set user profile options at four different levels: site, application, responsibility, and user.

Setting User Profile Options

As System Administrator, you use the System Profile Values window to set profile options for your user community. If you change a user profile option value, your change takes effect as soon as your users log on again or change responsibilities.

When you set a user profile, you provide Oracle Applications with standard information (such as printer) that describes a user, responsibility, application, or site. You can set values for user profile options at each profile level.

Site Option settings pertain to all users at an installation site.

Application Option settings pertain to all users of any responsibility associated with the application.

Responsibility Option settings pertain to all users currently signed on under the responsibility.

User Option settings pertain to an individual user, identified by their application username. The values you set at each level provide run-time values for each user's profile options. An option's run-time value becomes the highest-level setting for that option.

When a profile option may be set at more than one level, site has the lowest priority, superseded by application, then responsibility, with user having the highest priority. For example, a value entered at the site level may be overridden by values entered at any other level. A value entered at the user level has the highest priority, and overrides values entered at any other level.

For example, for a given user, assume the printer option is set only at the site and responsibility levels. When the user logs on, the printer option assumes the value set at the responsibility level, since it is the highest-level setting for the option.

Suggestion: As System Administrator, you should set site-level option values before specifying profile options at the other three levels after the installation of Oracle Applications. The options specified at the site-level work as defaults until the same options are specified at the other levels.

Application users may use the Personal Profile Values window to set their own personal profile options at the user level. Not all profile options are visible to users, and some profile options, while visible, may not be updated by end users.

Defining Concurrent Managers

A concurrent program is an executable file that runs simultaneously with other concurrent programs and with online operations, fully utilizing your hardware capacity. Typically, a concurrent program is a long-running, data-intensive task, such as posting a journal or generating a report.

Request Groups and Request Sets

Reports and concurrent programs can be assembled into request groups and request sets.

- A request group is a collection of reports or concurrent programs. A System Administrator defines report groups in order to control user access to reports and concurrent programs. Only a System Administrator can create a request group.
- Request sets define run and print options, and possibly, parameter values, for a collection of reports or concurrent program. End users and System Administrators can define request sets. A System Administrator has request set privileges beyond those of an end user.

Standard Request Submission and Request Groups

Standard Request Submission is an Oracle Applications feature that allows you to select and run all your reports and other concurrent programs from a single, standard form. The standard submission form is called Submit Request, although it can be customized to display a different title.

- The reports and concurrent programs that may be selected from the Submit Request form belong to a request security group, which is a request group assigned to a responsibility.

- The reports and concurrent programs that may be selected from a customized Submit Request form belong to a request group that uses a code.

In summary, request groups can be used to control access to reports and concurrent programs in two ways; according to a user's responsibility, or according to a customized standard submission (Submit Request) form.

Limiting Active Requests by User

As System Administrator you can limit the number of requests that may be active (status of Running) for an individual user. This ensures that a user cannot monopolize the request queue. For example, if a user with an Active Request Limit of 5 submits 20 requests, only 5 requests will be run at the same time. The remaining requests will be run when the number of active requests for the user drops below 5. Use the Profile Options window to set the Concurrent: Active Request Limit profile. To set a global limit for all users, set this option at the site level. You can then modify limits for individual users by setting this profile option at the User level.

Defining Request Sets

A request set is a group of reports or programs which you submit with one request. To define and maintain request sets, use the Request Sets form. Your users can also define their own report sets.

Setting Up An AuditTrail

If you want to keep track of the changes made to your data by application users, you should set up AuditTrail for the relevant tables. Defining AuditTrail for your site involves defining Audit Groups, which are groups of tables and columns for which you intend to track changes. You then define Audit Installations to instruct AuditTrail which ORACLE IDs you want to audit. Finally, you run the Audit Trail Update Tables Report, which allows your AuditTrail definitions to take effect.

Modifying Language Prompts

If you want to modify the field name displayed in the Translations window, you should change the Description value for the language you want to modify in the Languages window.

Modifying Territory LOV Values

If you want to modify the territory value displayed in LOVs, you should change the Description value for the territory you want to modify in the Territories window.

Maintenance Functions

The following procedures are either optional or can be done later in an implementation.

Defining a Request Security Group

You use request security to specify the reports, request sets, and concurrent programs that your users can run from a standard submission form, such as the Submit Request form.

To set up request security, you define a request group using the Request Groups form. Using the Responsibilities form, you assign the request group to a responsibility. The request group is then referred to as a request security group.

You can define a request group to contain single requests, request sets, or all the requests and request sets in an application. If you choose to include all the requests and request sets in an application, the user has automatic access to any new requests and request sets (without owners) in the future.

A request security group can contain requests and request sets from different applications.

Setting Up Descriptive Flexfields

A flexfield is a field made up of sub-fields, or segments. A flexfield appears on your form as a pop-up window that contains a prompt for each segment. Each segment has a name and a set of valid values. There are two types of flexfields: key flexfields and descriptive flexfields. OPM uses Descriptive Flexfields.

Descriptive flexfields provide customizable "expansion space" on your forms. You can use descriptive flexfields to track additional information, important and unique to your business, that would not otherwise be captured by the form. Descriptive flexfields can be context sensitive, where the information your application stores depends on other values your users enter in other parts of the form.

A descriptive flexfield appears on a form as a single-character, unnamed field enclosed in brackets. Just like in a key flexfield, a pop-up window appears when you move your cursor into a customized descriptive flexfield. And like a key flexfield, the pop-up window has as many fields as your organization needs.

Each field or segment in a descriptive flexfield has a prompt, just like ordinary fields, and can have a set of valid values. Your organization can define dependencies among the segments or customize a descriptive flexfield to display

context-sensitive segments, so that different segments or additional pop-up windows appear depending on the values you enter in other fields or segments.

For more detailed information on flexfields, see the *Oracle Applications Flexfield Guide*.

Overview of Oracle Applications Help for HTML

The Web-enabled Oracle Applications use a Web browser such as Netscape Navigator V4.0 or Internet Explorer V3.0 to display online help. When you choose an item from the Help menu, you view the help you requested in an independent browser window. You can use the buttons provided by the browser to navigate to help topics you have already viewed in your current help session, or use the next and previous buttons within the help window to navigate through the documentation following a predetermined path. You can exit from the help window at any time.

In general, there are three Help directories for each Oracle Applications product. The first of these directories, called a product help directory, contains the vast bulk of online help for a single Oracle Applications product. For example, a product help directory contains concept modules to help you understand the concepts underlying a particular Oracle Applications product. It also contains task modules that describe the usage of a product's forms and reports. To help you find the information you need, each product help directory also contains a contents page with links to all the concept and task modules contained in that directory.

The second help directory provided for each Oracle Applications product is a release notes help directory that describes what is new in the current release of the product. You link to release notes help from the contents page of the product help.

The third directory is a custom help directory for each product. A predefined link to a custom help file is encoded on the contents page of each set of product help files.

Each Oracle Application is delivered with a "dummy" custom help file located in the custom help directory. You can replace this dummy file with a file containing your own custom help. Then you can link from the standard product help file to your own custom help.

Help Directory Names

The naming convention for Oracle Applications help directories is based on the application short name of the product. For example, the application short name for Oracle General Ledger is GL, and so all of Oracle General Ledger's help directory names begin with GL. The following table describes the naming convention for the three types of help directories.

Library Help File

Directory Name	Naming Convention	Example Based on GL
Help	<application_short_name>	GL
Release Notes	<application_short_name>NEW	GLNEW
Custom	<application_short_name>CUST	GLCUST

There is a single help file, LIBRARY.HTM, that serves as the master table of contents for all the product help files. You can view this library help file from the Help menu, or by pressing the Library button from within any Oracle Applications help window. From the library help file, you can link to the contents page for any Oracle Applications product.

Help File Directories

If you are installing help on a PC, all.HTM and.GIF files, including product help files, release note help files, custom help files, and the library help file, are located in the subdirectory C:\APPS10\AU10\DOCS\<language>.

Oracle Process Manufacturing Common Setup

This topic lists the implementation steps that must be done for all OPM configurations specified in the *Road Maps* chapter. All codes that are synchronized with OPM must be entered into Financials in uppercase, otherwise they can only be used in OPM by pulling them off a lookup.

The following topics are covered:

- Setting Up General Ledger
- Setting Up Oracle Purchasing
- Setting Up Oracle Receivables

Setting Up General Ledger

Set up the standard information for Oracle General Ledger according to the *Oracle General Ledger User Guide*, Setting Up chapter. The steps listed below correspond to one of these steps. Only the steps that have an OPM requirement are listed. These steps supplement the *Oracle General Ledger User Guide*, but do not replace it.

Define Your Chart of Accounts (Required)

Define Accounting Flexfield Segments by navigating to the Segments window on the Financials Flexfields window.

In OPM, the segments are mapped to the Manufacturing Accounting Controller Accounting Unit and the Account. Flexfield segments that identify the business unit are mapped to the Accounting Unit and are the left most segments. For example, company, organization, and warehouse are identified as an Accounting Unit. Flexfield segments that identify accounting information are mapped to the account. For example, the natural account, sub-account, and project code are identified as an Account. An easy way to distinguish between an accounting unit and an account, think of the accounting unit as the “where” and the account portion as the “what” of the segment string. The accounting unit segments must be together and precede the accounting segments. Alternating accounting unit and account segments is not allowed.

In the Structure portion of the window, enable the Allow Dynamic Inserts flag. The Financials segment separator equates to the OPM Manufacturing Accounting Controller Fiscal Policy segment delimiter. These must match. Segment values cannot contain segment delimiters.

Define Your Currencies (Required with Defaults)

Navigate to the Currencies window.

Even though currencies are seeded in GL, those that are used in OPM must be enabled or resaved in order for the OPM currencies trigger to fire and save the currencies in OPM.

The Currencies cannot exceed 4 characters since they are passed to OPM via a trigger.

Define Daily Conversion Rate Types (Required with Defaults)

Navigate to the Rate Types window.

The Conversion Rate Types are automatically saved to OPM via a trigger.

Enter Name in uppercase if not numeric.

Name cannot exceed 4 characters and Description must not exceed 70 characters.

Define Your Rates (Optional)

Navigate to the Daily Rates window.

These are automatically saved to OPM via a trigger.

Define Statistical Units of Measure (Optional)

Navigate to the Units window.

To track statistical information from OPM to GL, the statistical amount on the transaction is converted to the statistical unit of measure on the GL account if established here. If the primary unit of measure on the transaction in OPM differs from this account UOM, then ensure that a UOM conversion exists between the transaction UOM and the account UOM. Otherwise, the quantities posted to this account are the net of different UOMs.

Setting Up Oracle Inventory

Set up the standard information for Oracle Inventory according to the *Oracle Inventory User's Guide*, Setting Up chapter. The steps listed below correspond to one of these steps. Only the steps that have an OPM requirement are listed. These steps supplement the *Oracle Inventory User's Guide*, but do not replace it.

Define Organizations and Organization Relationships (Required)

Process Inventory organizations are automatically saved to OPM Warehouses via a trigger. For details on how to create these Process Inventory organizations, refer to the *Oracle Process Manufacturing System Administration User's Guide*.

Define Inventory Key Flexfields (Required)

For the Stock Locators Flexfield, Segment1 must always be unique within an Inventory organization, not exceed 16 characters, and be in uppercase.

Segment1 of this flexfield becomes the OPM location which is 16 characters and uppercase.

Define Your System Item Flexfield Structure (Required)

The value set on this flexfield must be blank, and compiled blank. The length of the first segment must support the maximum OPM item length of 32. Items are entered

in the OPM Inventory application and are automatically saved to Oracle Inventory via a trigger. Only the first segment of this flexfield is populated by OPM items.

Define Items (Optional)

Production items are entered in OPM Inventory Management and saved to the Oracle Applications item master via a trigger. Items are saved to all Inventory organizations whose operating unit is tied to an OPM company.

Setting Up Oracle Purchasing

Define Descriptive Flexfield

The following Descriptive Flexfield is added to the Customer windows:

- Vendor GL Class

Vendor GL Class Add the Vendor GL Class descriptive flexfield to the Vendor Site window. Enter up to eight characters in uppercase. This field is required if Vendor GL Class is used in Account Mapping in OPM. Otherwise, it is optional. For existing AP installs, verify that Attribute1 is not being used for any other descriptive flexfields for the Vendor window and the Vendor Site window.

Field Name	Vendor GL Class Values
Value Set Name	vend_glclass
Description	Vendor GL Class
Format Type	Char
Maximum Size	8
Uppercase only (A-Z)	Yes
Validation Type	Table
Table Application	Oracle Payables
Table Name	po_vgld_cls
Table Columns Value	vendgl_class
Type	Char
Size	8
Table Columns Meaning	vendgl_class_desc

Field Name	Vendor GL Class Values
Type	Varchar2
Size	70

Define the Descriptive Flexfield Segments for Vendor GL Class. This descriptive flexfield must be assigned to ATTRIBUTE1. If you already have a descriptive flexfield assigned to ATTRIBUTE1, it must be moved to another open attribute in the table. Query on the title Vendor Sites to display the descriptive flexfield for Vendor GL Class.

Field Name	Vendor GL Class Values
Application	Oracle Purchasing
Title	Vendor Sites
Freeze Flexfield Definition	No
Prompt	Context
Value Required	No
Default	(blank)
Override Allowed	No
Reference Field	(blank)

Select Segments and Open, and then enter the following information:

Field Name	Vendor GL Class Values
Name	GL Class
Description	Vendor GL Class
Enable	Yes
Column	ATTRIBUTE1
Number	1
Displayed	Yes
Value Set	vend_glclass
Description	Vendor GL Class

Field Name	Vendor GL Class Values
Default Type	(blank)
Default Value	(blank)
Required	Yes (optional)
Security Enabled	No
Range	(blank)
Display Size	8
Description Size	50

Freeze the flexfield and save it.

Setting Up Oracle Receivables

Set up the standard information for Oracle Receivables according to the *Oracle Receivables User's Guide*, Setting Up chapter. The steps listed below correspond to one of these steps. Only the steps that have an OPM requirement are listed. These steps supplement the *Oracle Receivables User's Guide*, but do not replace it.

Define Descriptive Flexfield

The following Descriptive Flexfield is added to the Customer windows:

- Customer GL Class

Customer GL Class

Field Name	Customer GL Class Values
Value Set Name	opm_custgl_class
Description	OPM Customer GL Class
Format Type	Char
Maximum Size	8
Uppercase Only (A-Z)	Yes
Validation Type	Table
Table Application	Oracle Receivables

Field Name	Customer GL Class Values
Table Name	op_cgld_cls
Allow Parent Values	No
Table Columns Value	custgl_class
Type	Varchar2
Size	8
Table Columns Meaning	custgl_class_desc
Type	Varchar2
Size	70
Where/Order by	(blank)
Additional columns	(blank)

Add the Customer GL Class to the Customer Information window.

Navigate to the Flexfields Descriptive Segments window.

Query on Title as Customer Information.

Field Name	Customer GL Class Values
Title	Customer Information
Application	Oracle Receivables
Freeze Flexfield Def	No
Prompt	Context Value
Value Req	No
Default Value	(blank)
Override Allowed	No
Reference	(blank)

Click Segments and Open and add the following record:

Field Name	Customer GL Class Record
Name	Cust GL Class

Field Name	Customer GL Class Record
Description	Customer GL Class
Enable	Yes
Column	ATTRIBUTE1
Number	1
Display	Yes
Value Set	opm_custgl_class
Default Type	(blank)
Required	No
Range	(blank)

Add the Customer GL Class to the Site Use Information window.

Navigate to the Flexfields Descriptive Segments window.

Query on Title as Site Use Information.

Field Name	Customer GL Class Values
Title	Site Use Information
Application	Oracle Receivables
Freeze Flexfield Def	No
Prompt	Context Value
Value Req	No
Default Value	(blank)
Override Allowed	No
Reference	(blank)

Click Segments and Open and add the following record:

Field Name	Customer GL Class Record
Name	Cust GL Class
Description	Customer GL Class

Field Name	Customer GL Class Record
Enable	Yes
Column	ATTRIBUTE1
Number	1
Display	Yes
Value Set	opm_custgl_class
Default Type	(blank)
Required	No
Range	(blank)

Freeze the flexfield and save it.

Define Customers (Required)

Navigate to the Standard Customers window.

The AR Customer Number plus the Location (established in the Business Purposes choice box on the Customer Address window) becomes the customer number. Therefore, there is a unique customer in OPM for each Customer/Location combination in AR. The format is Customer Number-Location. The interface creates OPM customers where Location Usage is Ship To and Bill To. All other Usage Types in AR are ignored.

If you are implementing Order Management for Process Inventory, this is set up for use in OPM Quality Management and OPM Manufacturing Accounting Controller account mapping by customer.

If you are implementing OPM Order Fulfillment, it is additionally used for OPM Sales Order Processing.

- Enter AR Customer Number in uppercase if not numeric.
- AR Customer Number must not exceed 16 characters.
- Enter AR Customer Business Purpose Location in uppercase if not numeric.
- AR Customer Name is used to create the OPM Customer Name.
- AR State field must not exceed 4 characters.

- The Customer Currency is the Location Primary Bank Account Currency. Only one Primary Bank Account can be established, otherwise the Base Currency becomes the Customer Currency.
- Payment Terms may not default from the Customer Profile, therefore payment terms must be defined on the Customer window.

The following is an example of how Customers are mapped to OPM:

Name Oracle Redwood Shores

Number ORACLERS

Within AR, designate the Business Purpose for each address entered. The synchronization passes to OPM only the Bill To and Ship To usage types. All other usage types are ignored for the purposes of synchronization.

Receivables Business Purpose	1	2
Usage	Bill To	Ship To
Location	VALHALLA	REDWOOD SHORES

In this example, two records are passed to OPM. During synchronization two OPM Customers (one marked as Bill to - yes, the other as Ship to - yes) are created for use in the OPM Order Fulfillment application. The Customer number in OPM is the concatenation of the AR Customer Number - Business Purpose fields, where dash (-) is the separator.

Note: The value dash (-) for the GMF:Customer Delimiter constant can be changed on Profile Options window.

This is shown in the following example:

OPM Customer

Number ORACLERS-VALHALLA

Name Oracle Redwood Shores

Bill To Yes

Ship To No

OPM Customer

Number ORACLERS-VALHALLA

Name Oracle Redwood Shores

Bill To No

Ship To Yes

Oracle Purchasing for Process Inventory Setup

With the implementation of Oracle Purchasing for Process, all purchasing and receiving functions are handled in the Oracle Purchasing application. Purchasing and Receiving data resides in Oracle Purchasing tables and Inventory updates reside in OPM Inventory tables. OPM is updated if an Inventory Organization on the purchase order is set up as Process Enabled.

You must set up Oracle Purchasing according to the *Oracle Purchasing User's Guide*, Setting Up chapter.

Oracle Purchasing for Process Inventory functionality is supported by:

- The ability to create Purchase Requisitions with a secondary order quantity and preferred grade
- The auto or manual creation of Purchase Orders with secondary quantities and preferred grade
- The update of OPM Inventory through Receipts, Returns, and Corrections in two units of measure
- Accepting lot and subplot information on Receiving Transactions

As with the other Oracle Purchasing integration points, Payables is directly updated from receiving data to accept and approve vendor invoices. OPM's Subsidiary Ledger records the inventory transactions to the General Ledger, using item costs derived in OPM Cost Management.

The following topic is covered:

- Setting Up Oracle Purchasing

For more information, refer to the *Oracle Purchasing for Process Manufacturing* white paper on Metalink.

Setting Up Oracle Purchasing

Set up the standard information for Oracle Purchasing according to the *Oracle Purchasing User's Guide*, Setting Up chapter. The steps listed below correspond to one of these steps. Only the steps that have a Common Purchasing requirement are listed. These steps supplement the *Oracle Purchasing User's Guide*, but do not replace it.

Define Suppliers (Required)

Vendors are saved to OPM via a trigger. The combined supplier number and supplier site name are saved as the vendor number in OPM Purchase Management via a trigger.

Note: The OPM system profile value GMF:Vendor Delimiter is set to - as the default. The default separator is for the supplier and supplier site name combination. You can change the value as long as the separator has not already been used.

- The supplier name equals the OPM vendor name.
- The supplier name can be up to 40 characters.
- The supplier number can be up to 16 characters.
- If the number is alphanumeric, be sure to use uppercase.
- The supplier number, hyphen or other delimiter, site name combination can be up to 32 characters.
- The AP supplier site name can be up to 15 characters.
- If you are using vendor GL class in the OPM Manufacturing Accounting Controller account mapping, enter a vendor GL class descriptive flexfield to the Vendor Site window in Oracle Accounts Payable or Purchasing.

Common Purchasing Setup

Common Purchasing integrates OPM Purchase Management and Oracle Purchasing to provide an integrated solution for Process Manufacturing. Purchase orders are entered in Oracle Purchasing and received in OPM. Then, the received quantities entered in OPM are sent to Oracle Purchasing. Standard receipts, quick receipts, stock receipts, and returns are entered in OPM Purchase Management. When standard receipts, quick receipts, and returns are saved, you need to manually execute the Request Set - OPM Receiving Transaction Processor. This set of requests will move the data to Oracle Purchasing. The transactions can then be viewed in the Oracle Purchasing Receiving Transaction Summary.

Once purchase orders are entered in Oracle Purchasing and approved, the data is automatically synchronized to OPM Purchase Management via concurrent processes. The only time that you manually run a synchronization is to correct data in a purchase order that has failed synchronization or to update receiving or return information on the purchase order.

During the synchronization process, OPM validates the following fields on the purchase order sent from Oracle Purchasing:

- „ Organization Code
- „ To Warehouse
- „ Pay Vendor
- „ Ship Vendor
- „ Item
- „ Billing Currency
- „ Order Unit of Measure 1
- „ Order Unit of Measure 2

- Item Unit of Measure
- Price Unit of Measure
- Shipper Code
- Freight Bill Method
- Terms Code
- QC Grade

Purchasing general ledger accounts default on the purchase order in Oracle Purchasing; they are only used for receipts and returns. General ledger entries are made in OPM using the subledger update process. The accounts are selected when the purchase order is synchronized to OPM Purchase Management upon approval.

The following topics are covered:

- Setting Up Oracle Purchasing
- Setting Up the OPM Purchasing Application
- Implementing Acquisition Costs

Setting Up Oracle Purchasing

Set up the standard information for Oracle Purchasing according to the *Oracle Purchasing User's Guide*, Setting Up chapter. The steps listed below correspond to one of these steps. Only the steps that have a Common Purchasing requirement are listed. These steps supplement the *Oracle Purchasing User's Guide*, but do not replace it.

Define Freight Carriers (Optional)

These are entered as Carriers in OPM and saved to APPS through a trigger.

Define Payment Terms (Optional)

Payment terms are synchronized to OPM Purchase Management through a trigger.

- Payment terms codes cannot exceed 15 characters. However, when a payment term that is more than 4 characters is triggered to OPM, it is configured as 4 characters in OPM. The original payment term code in Oracle Purchasing is not changed, and is brought into OPM for reference.
- Descriptions can be up to 40 characters.

Define Lookups and Classes (Required)

Enter the FOB Codes. OPM synchronizes AP FOB Codes to the OPM Order Fulfillment FOB codes used on purchase orders and sales orders. These must be in uppercase.

Define Items (Optional)

Production items are entered in the OPM Inventory Management application and saved to the Oracle Applications item master via a trigger.

Define Suppliers (Required)

Vendors are saved to OPM via a trigger. The combined supplier number and supplier site name are saved as the vendor number in OPM Purchase Management via a trigger.

Note: The OPM system profile value GMF:Vendor Delimiter is set to - as the default. The default separator is for the supplier and supplier site name combination. You can change the value as long as the separator has not already been used.

- „ The supplier name equals the OPM vendor name.
- „ The supplier name can be up to 40 characters.
- „ The supplier number can be up to 16 characters.
- „ If the number is alphanumeric, be sure to use uppercase.
- „ The supplier number, hyphen or other delimiter, site name combination can be up to 32 characters.
- „ The AP supplier site name can be up to 15 characters.
- „ The OPM vendor default currency equals the AP corporate supplier invoice currency.
- „ The pay site equals the OPM pay to vendor.
- „ The purchasing site equals the OPM ship to vendor.
- „ The state and country code (not the description) are verified against the OPM geography code, sy_geog_mst. The state and country code are maintained in the same column in sy_geog_mst.
- „ The state code can be up to 4 characters.

- The postal code can be up to 16 characters.
- If you are using vendor GL class in the OPM Manufacturing Accounting Controller account mapping, enter a vendor GL class descriptive flexfield to the Vendor Site window in Oracle Accounts Payable or Purchasing.
- Vendor is triggered to OPM.

Define Manufacturing System and User Profiles

Concurrent programs are installed automatically with the installation scripts. The PO:Document Approval Manager must be installed and running for the synchronization between Oracle Purchasing and OPM Purchase Management to occur successfully. Workflow must also be running; set the PO:Workflow Processing Mode profile option to ONLINE.

Setting Up OPM Purchasing

Refer to the *Oracle Process Manufacturing Purchasing Management User's Guide* for more details. Below are the steps relating to Common Purchasing.

1. Navigate to the Vendor GL Class window.

Setup Vendor GL Classes to be used for Account Mapping. This is tied to a supplier via the Vendor GL Class Descriptive Flexfield in Supplier entry. The lookup for this field (Quickpick) is validated against the OPM Vendor GL Class table, "po_vdgl_cls".

2. Navigate to the Acquisition Cost window.

Currently the Acquisition Cost Code amount entered on the PO Line Detail is on a per unit sold basis.

The Acquisition Cost Indicator impacts the way in which the Manufacturing Accounting Controller GL Mapping logic creates GL entries at Purchase Order Receipt time.

You can select the Not Included option to indicate that the Acquisition Costs are NOT included in the cost of the item. Thus, the Acquisition Costs (for example, freight or insurance) are expensed. Each Acquisition Cost code may be booked to its own EXP account.

Select the Included option to indicate that the Acquisition Costs are included in the cost of the item. Therefore, the Acquisition Cost is included in the material cost or INV account, rather than the EXP account.

Note: Each Acquisition Cost may be defined as included or not included in the cost of purchased items. At Purchase Order entry time you may override the setting made on the Purchasing Acquisition Cost window.

Implementing Acquisition Costs

In Oracle Applications 11i, the acquisition cost window is driven by OPM.pll. In Oracle Applications 11 it was CUSTOM.pll. When you enter the shipment information for a Purchase order, you click on the Actions Menu and you see the sub menu Acquisition_cost active. The ZOOM button will not be activated, as it was in Oracle Applications 11. You save the Shipment Information (save the PO) in order to enter the acquisition cost for a shipment line. If everything works then the setup is complete. If you see that the Acquisition Cost sub menu is inactive, check the following setup:

1. Check that OPM.pll and OPM.plx exists in \$AU_TOP/resource directory.
2. Check that GMLACQCE.fmx exists in your application \$GML_TOP/forms/US directory.
3. Login to the Application Developer responsibility.
4. Navigate to Applications Forms to check if the registration for Acquisition Cost window is done.
5. Query on Form GMLACQCE. The user form name must be Acquisition Cost. Make sure that the Application entered is Oracle Process Manufacturing Logistics. If you don't find the entry, enter and save.
6. Check if the function is assigned to this window from the Applications Functions window.
7. Query on the function GMLACQCE_F or User Function Name Acquisition Cost. Make sure that the associated User window is Acquisition Cost and the Application is Oracle Process Manufacturing Logistics. If not, then enter it manually and save.
8. Query on the menu name for the user Purchasing Responsibility, which is usually Purchasing Super User GUI.
9. Navigate to the details block at the last record and check that the Acquisition Cost function is associated with this menu. Check that the navigator prompt and Sub menu are blank. If you don't find this entry, enter manually and save.

Oracle Order Management for Process Inventory Setup

With the footprint of OPM and Order Management, Oracle Process users can:

- Create, update, and price sales orders within Oracle Order Management or CRM
- Enter order quantities in two units of measure
- Capture preferred grade for an order line
- Reserve Process Inventory for sales orders
- Automatically allocate lots against Process Inventory
- Establish price lists, discounts, charges, and promotions in Oracle Advanced Pricing
- Pick inventory for shipping in Oracle Process Manufacturing
- Plan, schedule and confirm shipments using Oracle Shipping Execution

For more detailed information on implementing Oracle Order Management for Process Inventory, refer to the *Using Oracle Order Management with Process Inventory* guide.

The following topics are covered:

- Setting Up Order Management
- Setting Up OPM

Setting Up Oracle Order Management

Set up the standard information for Oracle Order Management according to the *Oracle Order Management User's Guide*, Setting Up chapter. The steps listed below correspond to one of these steps. Only the steps that have an OPM requirement are listed. These steps supplement the *Oracle Order Management User's Guide*, but do not replace it.

Define Customers (Required)

Navigate to the Standard Customers window.

The AR Customer Number plus the Location (established in the Business Purposes choice box on the Customer Address window) becomes the customer number. Therefore, there is a unique customer in OPM for each Customer/Location combination in AR. The format is Customer Number-Location. The interface creates OPM customers where Location Usage is Ship To and Bill To. All other Usage Types in AR are ignored.

This is set up for use in OPM Quality Management and OPM Manufacturing Accounting Controller account mapping by customer.

- Enter AR Customer Number in uppercase if not numeric.
- AR Customer Number must not exceed 16 characters.
- Enter AR Customer Business Purpose Location in uppercase if not numeric.
- AR Customer Name is used to create the OPM Customer Name.
- AR State field must not exceed 4 characters.
- The Customer Currency is the Location Primary Bank Account Currency. Only one Primary Bank Account can be established, otherwise the Base Currency becomes the Customer Currency.
- Payment Terms may not default from the Customer Profile, therefore payment terms must be defined on the Customer window.

The following is an example of how Customers are mapped to OPM:

Name Oracle Redwood Shores

Number ORACLERS

Within AR, designate the Business Purpose for each address entered. The synchronization passes to OPM only the Bill To and Ship To usage types. All other usage types are ignored for the purposes of synchronization.

Receivables Business Purpose	1	2
Usage	Bill To	Ship To
Location	VALHALLA	REDWOOD SHORES

In this example, two records are passed to OPM. During synchronization two OPM Customers (one marked as Bill to - yes, the other as Ship to - yes) are created for use in the OPM Order Fulfillment application. The Customer number in OPM is the concatenation of the AR Customer Number - Business Purpose fields, where dash (-) is the separator.

Note: The value dash (-) for the GMF:Customer Delimiter constant can be changed on Profile Options window.

This is shown in the following example:

OPM Customer

Number ORACLERS-VALHALLA

Name Oracle Redwood Shores

Bill To Yes

Ship To No

OPM Customer

Number ORACLERS-VALHALLA

Name Oracle Redwood Shores

Bill To No

Ship To Yes

Setting Up OPM

Set up the standard information for OPM according to the Oracle Process Manufacturing User Guides, *Setting Up* chapters. The steps listed below correspond to these steps. Only the steps that have an Oracle Order Management for Process Inventory requirement are listed. These steps supplement the Oracle Process Manufacturing User Guides, but do not replace them.

Set Up OPM Inventory

After inventory organizations are properly established, the rest of OPM Inventory can be set up. This involves defining units of measure, establishing inventory calendars, defining lot status codes, and entering inventory items and their required information. Beginning balances for OPM Inventory may also be entered.

See: *OPM Inventory Management User's Guide*.

Define Document Type for Order Management Inventory Transactions

The document type OMSO is used to designate Process Inventory transactions which originate from Order Management. These transactions are recorded when a sales order line is reserved, allocated, and then shipped. Set up this predefined document type for every organization in OPM that owns OPM warehouses. Refer to *Editing Document Ordering* in the *OPM System Administration User's Guide*, for the following:

- In the Document Ordering window, enter the Document Type OMSO and then the OPM organization code for which this document ordering will apply.
- Select only manual document numbering; automatic numbering is not allowed for this document type. Automatic numbering for sales orders is setup in Order Management.

When inventory transactions are viewed in OPM, you see the document type of OMSO for the transactions that originated from an Order Management sales order.

Set the Order Management Profile Option

The OPM GML: OM Integration profile option controls certain functionality when using OPM with Order Management. Set this profile option to Yes to continue with the proper setup and enter transactions which are recognized from Order Management. This profile option is accessed under Oracle Applications System Administration and is set at the Site level. It controls functionality for:

- Setting up sales order and shipping allocation rules in OPM

- Setting up account mapping in OPM Manufacturing Accounting Controller
- Running the subsidiary ledger update process in OPM Manufacturing Accounting Controller

Define Allocation Criteria for Orders (Optional)

Allocation rules are defined to indicate preferences such as partial allocation of the order quantity and the number of lots which can be allocated to fulfill the order. Additional information such as the allocation horizon and number of shelf days are defined to control when inventory is allocated to an order. Allocation rules are in effect for all customers or can be restricted to one customer.

Use the Allocation Criteria window to automatically allocate Process Inventory to an order line during a pick release. In the Pick Release window, you can select Auto Allocate. When Auto Allocate is selected, automatic inventory allocation will proceed using the rules (criteria) established in this window.

Before OPM can allocate lot-controlled items to sales orders or shipments, you must first group items into allocation classes in the OPM Inventory Management application. The item allocation classes are used to define sales order allocation.

- Define allocation class codes on the Allocation Class window in OPM Inventory Management Setup.
- Assign allocation class codes to items in the Items window to make the allocation parameters become effective for that item.

Refer to the *Oracle Process Manufacturing Inventory Management User's Guide* for detailed information about the Allocation Class and Items windows.

Activate Pricing Flexfield for Grade

A pricing attribute for OPM grade is predefined as a pricing attribute flexfield segment. To establish pricing by grade, this segment must be enabled through the Descriptive Flexfields window.

1. Navigate to the Flexfields window and query on the flexfield for the Application Oracle Pricing and the flexfield pricing attributes.
2. Clear the Freeze Flexfield checkbox.
3. Select the line for the pricing attributes context and click **Segments**. You will see a list of pricing attribute segments, one of which is OPM Grade.
4. Select **Enable** and **Display**.
5. Save the window.

6. Recompile the flexfield.

See: *Oracle Applications Flexfields Guide*

The Grade flexfield in the LOV for pricing attributes during the setup of price lists or modifiers is displayed. Refer to the discussion of Pricing in the *Oracle Order Management User's Guide* or the *Oracle Pricing User's Guide*.

Set Up OPM Manufacturing Accounting Controller

The OPM Manufacturing Accounting Controller is used in conjunction with Order Management to record cost of goods sold for sales orders for process-enabled inventory organizations. The cost of goods sold entry is written directly to the Oracle General Ledger using the setup and processing in the OPM Manufacturing Accounting Controller.

The event for recording cost of goods sold (and Inventory) is the OMSO event, which requires account mapping the accounts used in the entry.

In OPM Manufacturing Accounting Controller (MAC), financial transactions are assigned to accounting events and their corresponding accounts. The Account Mapping window in MAC allows you to use information from the transaction to determine the appropriate account.

Only one entry for Order Management transactions is booked from OPM to record the shipment of inventory and the cost of goods sold. The event and subevent in MAC that correspond to this entry are OMSO and OMSP.

Two accounts correspond to this event-subevent and require mapping setup. The accounts are:

INV - Inventory

PCO - Product Cost

When a shipment is confirmed in Shipping Execution and the subsidiary ledger update is run, a debit to the product cost account (cost of goods sold) and credit to inventory is recorded. The accounts for this entry are determined using the OPM MAC Account Mapping setup.

Refer to the *MAC Setup* in the *OPM Manufacturing Accounting Controller User's Guide* for details on how to map the accounts.

Activating Dual Quantities and Grade in Sales Orders

To enter and view secondary quantity, secondary unit of measure, and grade for an order line, create a folder and unhide these fields. These fields are located in all the

Sales Orders Line Items regions. It is recommended that they are displayed in the Main region. You may also want to unhide the Warehouse field in the Main Information region. The value in the Warehouse field determines if the additional fields of secondary quantity and grade are editable by the user and computed by the system.

Refer to the *Oracle Applications User's Guide* for information on how to create and modify folders.

Order Fulfillment Setup

OPM Order Fulfillment was designed to simplify sales order entry and reduce order cycle time while providing the most accurate sales order processing possible. Predefined pricing schedules and order templates reduce order entry time and overall order cycle time.

Order processing lets your order entry personnel inform your customers of scheduled delivery dates and pricing (including discounts, allowances, surcharges, taxes, and commissions) during order entry. Your customers benefit by knowing when an order will be delivered and what it will cost at the beginning of the sales order process.

Pricing, Ordering, and Shipping Flexibility

OPM Order Fulfillment provides many pricing options such as:

- Establishing order and line-level charges, discounts, and allowances on a percentage, flat-rate, or per-unit basis.
- Granting discounts on an as-needed basis which allows you the flexibility to give the best possible price to each customer.
- Applying mass price changes so you can quickly reflect broad-based price modifications in an entire price list.
- Setting Order Fulfillment to select the lowest available price effective for selected ship-to customers.
- Setting up order types that allow you to determine the level of processing for each order. For example, a sample order type can be set to skip pricing during processing. Pro-forma invoices provide the shipping documents used for international environments.

-
- Setting up tax information that allows you to calculate tax liabilities incurred as a result of the sale of taxable goods.
 - Setting up sales representative and commission information that is linked to customers which enables you to automatically generate commission information on your sales orders.

Defining Pricing Rules

You can define pricing rules by applying:

- Pricing by customer, customer class, or territory
- Total order quantity pricing
- Line item discounts and charges
- Order level discounts and charges
- Global price list changes
- Freight bill method charges
- Lowest price available pricing (for ship-to customers only)
- Specific charges during sales order entry
- Tax calculations

Automating Sales Order Processing

You can automate your sales order processing by:

- Establishing order types to determine which processing steps are appropriate for orders
- Creating new orders using information from other sources such as order profiles and existing orders
- Calculating scheduled ship dates based on carrier lead time
- Establishing audit trails

Automating Shipments

You can automate sales order shipping by:

- Setting close tolerances for line items
- Using the transfer order type to ship goods to your own warehouses.

The following topics are covered:

- Setting Up Oracle Accounts Receivables
- Setting Up OPM Order Fulfillment

Setting Up Oracle Receivables

Set up the standard information for Oracle Purchasing according to the *Oracle Receivables User's Guide*, Setting Up chapter. The steps listed below correspond to one of these steps. Only the steps that have an OPM Order Fulfillment requirement are listed. These steps supplement the *Oracle Receivables User's Guide*, but do not replace it.

Define Descriptive Flexfields

- Line Transaction Flexfield for AutoInvoicing
- Customer Fields for Customer Entry
- Transaction Type for Debit/Credit Memo Inventory Adjustment

Define Line Transaction Flexfield

Setup the Line Transaction Flexfield for INTERFACE_LINE_ATTRIBUTE1 through INTERFACE_LINE_ATTRIBUTE8. These descriptive flexfields must be established to allow AutoInvoicing to operate properly. Query on Title as Line Transaction Flexfield.

Field Name	Value
Title	Line Transaction Flexfield
Application	Oracle Receivables
Freeze Flexfield	No
Prompt	Context Value
Value Required	No
Default Value	(blank)
Override Allowed	Yes
Reference Field	(blank)

Enter the following data in Context Field Value:

Field Name	Value
Code	GEMMS OP
Name & Description	GEMMS Order Processing

Position the cursor on the GEMMS OP line and click Segments and Open and add the following four records.

Record 1 & 2

Field Name*	Value 1	Value 2
Name	Line Id	Orgn Code
Description	Line Id	Organization
Enabled	Yes	Yes
Column	INTERFACE_LINE_ATTRIBUTE1	INTERFACE_LINE_ATTRIBUTE2
Number	1	2
Value Set	(blank)	(blank)
Value Set Desc.	(blank)	(blank)
Required	No	No
Display Size	30	4
Description Size	50	50

*If a Field Name is not listed, use the defaults.

Record 3 & 4

Field Name*	Value 1	Value 2
Name	Ship No.	Line No.
Description	Shipment No.	Line Number
Enabled	Yes	Yes
Column	INTERFACE_LINE_ATTRIBUTE3	INTERFACE_LINE_ATTRIBUTE4
Number	3	4
Value Set	(blank)	(blank)
Value Set Desc.	(blank)	(blank)
Required	No	No
Display Size	30	6

Field Name*	Value 1	Value 2
Description Size	50	50

If a Field Name is not listed, use the defaults.

Record 5 & 6

Field Name*	Value 1	Value 2
Name	Line Type	Invoice line number
Description	Line type	Invoice line number
Enabled	Yes	Yes
Column	INTERFACE_LINE_ATTRIBUTE5	INTERFACE_LINE_ATTRIBUTE6
Number	5	6
Value Set	(blank)	(blank)
Value Set Desc.	(blank)	(blank)
Required	No	No
Display Size	30	6
Description Size	50	50

*If a Field Name is not listed, use the defaults.

Record 7 & 8

Field Name*	Value 1	Value 2
Name	Line charge id	Line Comments
Description	Line charge id	Line Comments
Enabled	Yes	Yes
Column	INTERFACE_LINE_ATTRIBUTE7	INTERFACE_LINE_ATTRIBUTE8
Number	7	8
Value Set	(blank)	(blank)
Value Set Desc.	(blank)	(blank)

Field Name*	Value 1	Value 2
Required	No	No
Display Size	6	30
Description Size	50	50

This last column can only be added if you plan on having comments on your Sales Order lines. If you do not plan on having comments on your Sales Order lines, then the Sales Order is rejected coming into AR. We recommend you do not add this column unless comments are the norm.

*If a Field Name is not listed, use the defaults.

After saving this last window return to the First window, freeze the flexfield and save.

Define Customers (Required)

Navigate to the Standard Customers window.

The AR Customer Number plus the Location (established in the Business Purposes choice box on the Customer Address window) becomes the customer number. Therefore, there is a unique customer in OPM for each Customer/Location combination in AR. The format is Customer Number-Location. The interface creates OPM customers where Location Usage is Ship To and Bill To. All other Usage Types in AR are ignored.

It is used for OPM Sales Order Processing.

- Enter AR Customer Number in uppercase if not numeric.
- AR Customer Number must not exceed 16 characters.
- Enter AR Customer Business Purpose Location in uppercase if not numeric.
- AR Customer Name is used to create the OPM Customer Name.
- AR State field must not exceed 4 characters.
- The Customer Currency is the Location Primary Bank Account Currency. Only one Primary Bank Account can be established, otherwise the Base Currency becomes the Customer Currency.
- Payment Terms may not default from the Customer Profile, therefore payment terms must be defined on the Customer window.

The following is an example of how Customers are mapped to OPM:

Name Oracle Redwood Shores

Number ORACLERS

Within AR, designate the Business Purpose for each address entered. The synchronization passes to OPM only the Bill To and Ship To usage types. All other usage types are ignored for the purposes of synchronization.

Receivables Business Purpose	1	2
Usage	Bill To	Ship To
Location	VALHALLA	REDWOOD SHORES

In this example, two records are passed to OPM. During synchronization two OPM Customers (one marked as Bill to - yes, the other as Ship to - yes) are created for use in the OPM Order Fulfillment application. The Customer number in OPM is the concatenation of the AR Customer Number - Business Purpose fields, where dash (-) is the separator.

Note: The value dash (-) for the GMF:Customer Delimiter constant can be changed on Profile Options window.

This is shown in the following example:

OPM Customer

Number ORACLERS-VALHALLA

Name Oracle Redwood Shores

Bill To Yes

Ship To No

OPM Customer

Number ORACLERS-VALHALLA

Name Oracle Redwood Shores

Bill To No

Ship To Yes

Define Customer Descriptive Flexfield Setups

The following Descriptive Flexfields are added to the Customer windows:

- Tax Calculation Code
- Tax Location Code
- Customer Price Class
- Ship From Warehouse
- Freight Bill Method

Establish the following six value sets from the Validation Sets window.

Field Name	Value 1	Value 2
Value Set Name	opm_taxcalc_code	opm_taxloc_code
Description	OPM Order Fulfillment Calculation Code	OPM Order Fulfillment Location Code
Format Type	Char	Char
Maximum Size	4	10
Uppercase Only (A-Z)	Yes	Yes
Validation Type	Table	Table
Table Application	Oracle Receivables	Oracle Receivables
Table Name	tx_calc_mst	(blank)
tx_tloc_cds	Allow Parent Values	No
No	Table Columns Value	taxcalc_code
taxloc_code	Type	Varchar2
Varchar2	Size	410
Table Columns Meaning	taxcalc_desc	taxloc_desc
Type	Varchar2	Varchar2

Field Name	Value 1	Value 2
Size	70	70
Where/order by	(blank)	(blank)
Additional columns	(blank)	(blank)

Field Name	Value
Value Set Name	opm_custprice_class
Description	OPM Customer Price Class
Format Type	Char
Maximum Size	8
Uppercase Only (A-Z)	Yes
Validation Type	Table
Table Application	Oracle Receivables
Table Name	op_cpcc_cls
Allow Parent Values	No
Table Columns Value	custprice_class
Type	Varchar2
Size	8
Table Columns Meaning	custprice_desc
Type	Varchar2
Size	70
Where/Order by	(blank)
Additional columns	(blank)

Field Name	Values	Values
Value Set Name	opm_ship_whse	opm_frght_bill_mthd
Description	OPM Ship From Warehouse	OPM Freight Bill Method
Format Type	Char	Char

Field Name	Values	Values
Maximum Size	4	25
Uppercase Only (A-Z)	Yes	Yes
Validation Type	Table	Table
Table Application	Oracle Receivables	Oracle Receivables
Table Name	ic_whse_mst	op_frgt_mth
Allow Parent Values	No	No
Table Columns Value	whse_code	of_frtbill_mthd
Type	Varchar2	Varchar2
Size	4	25
Table Columns Meaning	whse_name	frtbill_desc
Type	Varchar2	Varchar2
Size	40	40
Where/Order by	(blank)	(blank)
Additional Column	(blank)	(blank)

Add the Tax Location Code, the Tax Calculation Code, and the Customer Price Class to the Customer Information window.

Navigate to the Flexfields Descriptive Segments window.

Query on Title as Customer Information.

Field Name	Value
Title	Customer Information
Application	Oracle Receivables
Freeze Flexfield Def	No
Prompt	Context Value
Value Req	No
Default Value	(blank)
Override Allowed	No

Field Name	Value
Reference	(blank)

Click Segments and Open and add the following three records:

Field Name	Record 1	Record 2	Record 3
Name	Tax Loc Code	Tax Calc Code	Cust Price Cls
Description	Tax Location Code	Tax Calculation Code	Customer Price Class
Enable	Yes	Yes	Yes
Column	ATTRIBUTE2	ATTRIBUTE3	ATTRIBUTE4
Number	2	3	4
Display	Yes	Yes	Yes
Value Set	opm_taxloc_code	opm_taxcalc_code	opm_custprice_class
Default Type	(blank)	(blank)	(blank)
Required	No	No	No
Range	(blank)	(blank)	(blank)

Add the Tax Location Code, the Tax Calculation Code, and the Customer Price Class to the Site Use Information window.

Query on Title as Site Use Information.

Field Name	Value
Title	Site Use Information
Application	Oracle Receivables
Freeze Flexfield Def	No
Prompt	Context Value
Value Req	No
Default Value	(blank)
Override Allowed	No
Reference	(blank)

Click Segments and Open and add the following three records:

Field Name	Record 1	Record 2	Record 3
Name	Tax Loc Code	Tax Calc Code	Cust Price Cls
Description	Tax Location Code	Tax Calculation Code	Customer Price Class
Enable	Yes	Yes	Yes
Column	ATTRIBUTE2	ATTRIBUTE3	ATTRIBUTE4
Number	2	3	4
Display	Yes	Yes	Yes
Value Set	opm_taxloc_code	opm_taxcalc_code	opm_custprice_class
Default Type	(blank)	(blank)	(blank)
Required	No	No	No
Range	(blank)	(blank)	(blank)

Add the Ship From Warehouse and Freight Bill Method to the Customer Address window.

Query on Title as Address Information.

Field Name	Value
Freeze Flexfield Def	No
Prompt	Context Value
Value Req	No
Default Value	(blank)
Override Allowed	No
Reference Field	(blank)

Click Segments and Open and add the following two records:

Field Name	Value 1	Value 2
Name	Freight Bill Method	Ship From Warehouse
Description	Freight Bill Method	Ship From Warehouse

Field Name	Value 1	Value 2
Enabled	Yes	Yes
Column	ATTRIBUTE1	ATTRIBUTE2
Number	1	2
Display	Yes	Yes
Value Set	opm_frght_bill_mthd	opm_ship_whse
Default Type	(blank)	(blank)
Required	No	No
Range	(blank)	(blank)

Freeze flexfield definition and save.

Define Transaction Type and Invoice Line Information Descriptive Flexfield for AR Credit/Debit Memo Inventory Adjustment

An AR credit/debit memo produces an inventory adjustment in OPM upon running the Data Synchronization process in OPM. This functionality applies to memos created in Accounts Receivable and not Accounts Payable. Debit memos create negative inventory adjustments and credit memos create positive inventory adjustments.

Define the Value Sets

Navigate to the Flexfields Validation Sets window.

Field Name*	Value
Value Set Name	opm_affects_inventory
Description	Credit Memo Affects Inventory
Format Type	Char
Maximum Size	8
Uppercase Only (A-Z)	Yes
Right Justify Zero Fill	No
Validation Type	Independent

*If a Field Name is not listed, use the defaults.

Define Validation Values

Navigate to the Flexfields Validation Values window.

Query on the `opm_affects_inventory` value set. Add the following values:

Field Name	Value 1	Value 2
Value	NO	YES
Description	Credit Memo does not Affect Inventory	Credit Memo Affects Inventory

Add the Descriptive flexfield to the Transaction Types window.

Navigate to the Flexfields Descriptive Segments window.

Query on Title as Transaction Type Information.

Field Name	Value
Freeze Flexfield Def	No
Prompt	Context Value
Value Required	No
Default Value	(blank)
Override Allowed	No
Reference Field	(blank)

Click Segments and Open and add the following record:

Field Name	Value
Name	Memo Affects Inventory
Description	Defines whether a Memo Affects Inventory
Enabled	Yes
Column	ATTRIBUTE10
Number	1
Display	Yes
Value Set	<code>opm_affects_inventory</code>

Field Name	Value
Default Type	Constant
Default Value	No
Required	Yes
Range	(blank)
Display Size	3

Freeze the flexfield and save.

Create Invoice Line Information Descriptive Flexfields.

Define the Value Sets

Navigate to the Flexfields Validation Sets window.

Field Name	Value 1	Value 2	Value 3	Value 4	Value 5	Value 6	Value 7
Value Set Name	opm_item_no	opm_reasons	opm_orgns	opm_whse_locations	opm_lots	opm_dualuom	opm_dualuom_qty
Description	OPM Item Number	OPM Reason Codes	OPM Organizations	OPM Warehouse Locations	OPM Lots	OPM Item Dual UOM	OPM Dual UOM Quantity
Format Type	Char	Char	Char	Char	Char	Char	Number
Maximum Size	32	4	4	90	90	4	15
Uppercase Only (A-Z)	Yes	Yes	Yes	Yes	Yes	No	No
Right Justify Zero Fill	No	No	No	No	No	No	No
Min Value	(blank)	(blank)	(blank)	(blank)	(blank)	(blank)	(blank)
Max Value	(blank)	(blank)	(blank)	(blank)	(blank)	(blank)	(blank)
Validation Type	Table	Table	Table	Table	Table	Table	None
Table Application	(blank)	(blank)	(blank)	(blank)	(blank)	(blank)	(blank)
Table Name	IC_ITEM_MST	SY_REAS_CDS	SY_ORGN_MST	IC_ITEM_MST IM, IC_LOCT_MST IL	IC_ITEM_MST IM, IC_LOTS_MST IL	IC_ITEM_MST IM, SY_UOMS_MST SY	(blank)

Field Name	Value 1	Value 2	Value 3	Value 4	Value 5	Value 6	Value 7
Table Columns Value	ITEM_NO	REASON_CODE	ORGN_CODE	IL.WHSE_CODE DEC ODE(IM.LOC T_ CTL,0,NULL,.' ' IL.LOCATI ON)	IL.LOT_ NO DECO DE(IM.SUB LOT_ CTL,0,NUL L,':' IL.SU BLOT_NO)	SY.UM_ CODE	(blank)
Type	Varchar2	Varchar2	Varchar2	Varchar2	Varchar2	Varchar2	(blank)
Size	32	4	4	90	90	4	(blank)
Table Columns Meaning	ITEM_DESC1	(blank)	ORGN_NAME	LOCT_DESC	IL.LOT_ DESC	SY.UM_ DESC	(blank)
Type	Varchar2	(blank)	Varchar2	Varchar2	Varchar2	Varchar2	(blank)
Size	70	(blank)	40	40	40	40	(blank)
Where/Order by	where delete_ mark=0 and inactive_ ind=0	(blank)	(blank)	where IM.ITEM_NO = :SFLEX\$.opm_ item_no	where IM.ITEM_ NO = :SFLEX\$.op m_item_no AND IL.ITEM_ID = IM.ITEM_ ID and IM.LOT_ CTL = 1 and IL.DELETE_ MARK = 0	where IM.item_no = :SFLEX\$.op m_item_no and IM.dualum_ ind = 3 and IM.item_ um2 = SY.um_code	(blank)
Additional Columns	(blank)	(blank)	(blank)	(blank)	(blank)	(blank)	(blank)

Add the Descriptive Flexfields to the Invoice Line Information window.

Navigate to the Flexfields Descriptive Segments window.

Query on Title as Invoice Line Information.

Field Name	Value
Freeze Flexfield Definition	No
Prompt Value	Context Value
Value Require	No

Field Name	Value
Default Value	(blank)
Override Allowed	Yes
Reference Field	(blank)

Click Segments and Open and add the following records:

Field Name	Value 1	Value 2	Value 3	Value 4	Value 5	Value 6	Value 7
Name	Item No	Reason	Organization	Location	Lot	Dual UOM	Dual UOM Quantity
Description	OPM Item Number	OPM Reason Code Entry	OPM Organization	OPM Item Location	OPM Lots	OPM Item Dual UOM	OPM Dual UOM Quantity
Enabled	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Column	ATTRIBUTE7	ATTRIBUTE8	ATTRIBUTE9	ATTRIBUTE10	ATTRIBUTE1	ATTRIBUTE5	ATTRIBUTE15
Number	1	2	3	4	5	6	7
Display	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Value Set	opm_item_no	opm_reasons	opm_orgns	opm_whse_locations	opm_lots	opm_dualuom	opm_dualuom_qty
Default Type	(blank)	Constant	(blank)	(blank)	(blank)	(blank)	(blank)
Default Value	(blank)	DMG	(blank)	(blank)	(blank)	(blank)	(blank)
Required	Yes	Yes	Yes	Yes	No	No	No
Range	(blank)	(blank)	(blank)	(blank)	(blank)	(blank)	(blank)

Freeze the flexfield and save.

Define QuickCodes (Optional)

Navigate to the QuickCodes Receivables window.

OPM automatically synchronizes the AP FOB codes, but not the AR FOB codes. To use the AR FOB Codes in the OPM Order Fulfillment application, enter them as valid AP FOB Codes in AP and synchronize to OPM that way. Unlike Financials,

OPM has one FOB Codes table that is shared by both the Order Fulfillment and Purchasing applications.

When Type is FOB:

- The Name corresponds to the OPM FOB code.
- Enter Name in uppercase.
- Set up OPM default FOB code as NONE.

Define AutoInvoice Line Ordering Rules (Optional)

Navigate to the Line Ordering Rules window under AutoInvoice.

Setup a Line Ordering rule where Name is INVOICE LINE ORDER. Add an Order By where Sequence is 1, Transaction Attribute is INTERFACE_LINE_ATTRIBUTE6, and Type is Ascending.

Optionally, you can Order By the following:

- The organization is INTERFACE_LINE_ATTRIBUTE2
- The shipment number is INTERFACE_LINE_ATTRIBUTE3
- The line number is INTERFACE_LINE_ATTRIBUTE4
- The line type is INTERFACE_LINE_ATTRIBUTE5
- The invoice line number is INTERFACE_LINE_ATTRIBUTE6
- The line charge id is INTERFACE_LINE_ATTRIBUTE7
- The line comments is INTERFACE_LINE_ATTRIBUTE8

Define Payment Terms (Required with Defaults)

Navigate to the Payment Terms window.

Only the AP Terms are synchronized to OPM. To use the AR terms codes in the OPM Order Fulfillment application, enter them as AP terms codes and synchronize them to OPM. OPM has one terms code table that is shared by both the Order Fulfillment and Purchasing applications.

Enter the Name in uppercase.

Define AutoAccounting (Required)

Navigate to the AutoAccounting window.

In AutoAccounting setup, all Account Types must be established to extract the balancing segment (for example, company segment) from the Transaction Types table. Since the Transaction Type is at least the company of the OPM invoice coming into AR, the multi-company mapping can be achieved by setting up Transaction Types for each company. See the Define Transaction Types step for more information. Enter Transaction Type as the Table Name for at least balancing segment of each Account Type.

Note: There is an option to define Invoice Revenue accounts by Item GL Class in OPM. First, set the OPM System constant value for GMF:User OPM Revenue Account for AR Update to 1. Second, setup the SAL account title on the Account Mapping window in the *OPM Manufacturing Accounting Controller* application by Item GL Class.

Define Transaction Types (Required with Defaults)

Navigate to the Transaction Type window.

Establish Transaction Types in AR for all possible values of the OPM selection criteria defined in GMF:Transaction Type Mapping for AR Update. This constant specifies how a Transaction Type is created on an AR Update Invoice. The following are the five values allowed, but are not mandatory:

ORGN Shipping Organization from OPM Order Fulfillment Order.

WHSE From Warehouse on the Order line.

CSTCLS Customer GL Class for the Bill to Customer on the Sales Order.

SHPCLS Customer GL Class for the Ship to Customer on the Sales Order.

ITMCLS Item GL Class

In the GMF:Transaction Type Mapping for AR Update constant, more than one value can be specified by separating the selections by commas. Additionally, the selections are always preceded by the company of the sales order. If this constant is not defined, then the transaction type is the company of the sales order. When OPM Data Sync AR Update is run, released shipments are converted to invoices. On each invoice, a transaction type is derived from the GMF:Transaction Type Mapping for AR Update constant where each value is separated by a period.

The AR Transaction Type Name must be the same as the OPM company code plus your GMF:Transaction Type Mapping for AR Update mapping string values separated by periods. The balancing segment of the accounts entered on the transaction type must be equivalent to the company. Since it was specified in AutoAccounting that the balancing segment must come from the transaction type of an Invoice and the transaction type contains the company of the invoice, the multi-company mapping can be achieved within a set of books. Additionally, the Tax Calculation flag on this window must be set to NO since taxes are computed in OPM and passed to AR during AutoInvoicing.

For example, if GMF:Transaction Type Mapping for AR Update string is ORGN, WHSE, and there is one Company (that is, 1), two Organizations (that is, 0100 and 0200), and two Warehouses (that is, C10, C20), then there must be four transaction types defined in AR as follows:

Org Type	Warehouse C10	Warehouse C20
Organization 0100	1.0100.C10	1.0100.C20
Organization 0200	1.0200.C10	1.0200.C20

Define Transaction Sources (Required)

Navigate to the Transaction Sources window.

For a multi-organization installation, query on the SAMPLE_GEMMS source and copy it to source GEMMS. For Multi-Org for each operating unit, copy the seed data Transaction Source SAMPLE-GEMMS to GEMMS and check the Automatic Transaction Numbering check box to enable Automatic Transaction Numbering. Set the last number to the desired number. For a non-multi-organization installation, verify that the GEMMS source is present to identify the imported OPM invoices and establish the attributes for integration. This is automatically setup during the Integration Installation. In both cases, validate and save the following settings.

Field Name	Value
Automatic Invoice Numbering	Yes
Transaction Type	Value
Allow Sales Credit	No
Batch numbering	No
Sold to customer	Id

Field Name	Value
Bill customer	Id
Bill to address	Id
Bill to contact	Id
Ship to customer	Id
Ship to address	Value
Ship to contact	Id
Payment Method Rule	Value
Customer Bank Account	Value
Invoicing Rule	Value
Accounting Rule	Value
Accounting Flexfield	Segment
Derive Date	Yes
Payment Terms	Value
Revenue Account Allocation	Percent
Memo Reason	Value
Agreement	Value
Memo Line Rule	Value
Sales Territory	Segment
Inventory Item	Segment
Unit of Measure	Id
FOB Point	Code
Freight Carrier	Code
Related Document	Number

Define Salespersons (Required with Defaults)

Navigate to the Transaction SalesPersons window.

Enter the sales reps to be used in the OPM Order Fulfillment application. The Territories are optional and do not need to be defined to save this window.

- Enter Salesperson Name in uppercase.
- Salesperson name cannot exceed 40 characters.
- Territories are optional.
- Salesperson numbers must be unique across all Sets of Books (auto-numbering is suggested).
- Sales Rep number should not exceed 8 characters.

Define Tax Codes and Rates (Required)

Navigate to the Tax Codes window.

Taxes are computed within the OPM Order Fulfillment Order Processing and passed with an Invoice to AR via AutoInvoicing, but the tax authority sent to AR must be defined in AR.

The Tax Code must equal the Tax Authority in the OPM Order Fulfillment application, must be entered in uppercase, and must not exceed 32 characters.

The Tax Rate% must be equal to the OPM Tax Authority Base percent.

Click and enable Ad hoc for the Sales Tax Type and the VAT Tax type. Do not check Inclusive Tax and Allow Inclusive Override Flags for the Sales Tax Type and the VAT Taxtype.

Define Customer Profile Classes (Required with Defaults)

Navigate to the Customer Profile Classes window.

Click and enable the Credit Check flag if you want OPM Order Fulfillment Order Entry to perform credit checking for a given customer. Click and enable the Override Terms flag to change the payment terms on OPM sales orders. All customers or Customer Profile Classes where you do not enable the Override Terms flag must have a valid Payment Terms code, otherwise you will not be allowed to enter or change the Terms Code on the OPM sales order. It is recommended that you enable the Override Terms flag for all profiles and always define a Payment Terms in each profile.

In the Profile Class Amount region, establish one set of limits in any one currency. Ensure that an exchange exists between this currency and the base currency. Enter the total Credit Limit and Order Credit Limit. OPM credit checking in Sales Order Entry compares the Customer Credit Limit to the on-screen Order Amount plus the Open AR balance plus all other Open OPM Sales Orders. It also compares the Order Credit Limit to the on-screen Order Amount.

Define Standard Memo Lines (Optional)

Memo Line Name must be equivalent to the OPM Charge Code in the Order Fulfillment application. The Standard Memo Line must be of type Line or Charges. This enables Sales Order Charges to be recognized on an AR Invoice.

Setting Up OPM Order Fulfillment

In order for OPM to calculate Tax on Sales Orders and pass Tax information to AR, the Order Fulfillment setup needs to be done. Below are the steps relating to the integration. Refer to the *Oracle Process Manufacturing Order Fulfillment User's Guide* for more details.

Define Location Codes for Organization Setup

Navigate to the Location Code window.

There must be at least a default code to use for OPM organizations, even if you do not calculate any taxes (for example, NONE). This can also be attached to a customer in the AR Setup.

Define Tax Classes

Navigate to the Tax Association window.

Define Tax Classes and tie Items to these classes on this window. One simple example would be a class called Taxable where all taxable items were listed.

Define Tax Authorities

Navigate to the Tax Authority window.

Establish appropriate Tax Authorities with effective dates and rates. The Tax Authority can be used for Account Mapping within the Manufacturing Accounting Controller application to accrue the liability to different account numbers (if needed). This must be equal to the AR Tax Code to be recognized on an AR Invoice coming from OPM. The Base Percent (%) must be equal to the AR Tax Code Tax Rate Percent.

Define Tax Rules

Navigate to the Tax Calculation window.

Define the rules which are applied when OPM calculates taxes. This is also attached to a customer in AR customer setup.

Define Tax Locations

Navigate to the Location Association window.

Establish the Tax Authorities to be used for calculation purposes when selling product from one Tax Location code to another Tax Location code.

Set Profile Options

Verify the Profile Option Values. To activate OPM tax calculations, verify the values for the following profile options.

Profile Options	Values
GML:Use OPM Tax Calculations	1
GML:Automatic Tax Calculation	1

Define Hold Reason Codes

Navigate to the Hold Reason Code window.

There are four different Hold Reason codes used for credit checking in OPM. Therefore, there are four profile options added to the System Administration application. They come pre-loaded with default values for the Hold Reason attached to each condition. Although the Hold Reason codes are pre-loaded, you can change the descriptions and flags on the Hold Reasons window or change the values on the Profile Options window to agree with the other Sales Hold Reason codes you already have established:

Description of Hold Reason Code	Profile Options	Hold Reason Codes
Credit Hold	GML:Hold Code for Customer Hold	CRDH
Credit Check Failed	GML:Check Not Success	CRFL
Credit Limit Per Order Exceeded	GML:Hold Code for Order Limit Exceeded	OLEX
Total Credit Limit Exceeded	GML:Hold Code for Customer Limit Exceeded	CLEX

There is no Hold Reason code assigned to Sales Orders which pass credit checking. If you use the AR application to track open customer balances and generate invoices, customer credit checking can be invoked. The customer open balance is maintained in the customer's currency. In OPM, the open Sales Order balance is incremented when you save a Sales Order and decremented when the Sales Order Shipment Lines are released. The release makes the Shipment eligible for invoice by AR and is assumed to be an Open Receivable at this point.

A function to recalculate customer open balances is useful if a currency exchange rate was missing between the order billing currency and customer currency. If you save an order and the exchange rate is missing, a message indicates this. You must enter the exchange rate in OPM and then recalculate the open order balance. If you run the Open Balance Update and OPM still cannot find an exchange rate, then a report indicates the missing rate. Credit Checking uses this open customer balance. The following situations are invoked for customer credit checking upon saving an OPM Sales Order.

Credit Check passes if Open Receivables plus Open Customer Sales Order Balance are less than, or equal to, the Credit Limit (plus the limit tolerance).

Credit Check fails if Open Receivables plus Open Customer Sales Order Balance are more than the Credit Limit (plus the limit tolerance).

Note: If a released shipment does not become an invoice immediately, then the value is not considered as an open accounts receivable item for the credit check and it may not be reflected in the Customer Open Balance. If there are multi-currency sales orders, you must recompute the customer open balance for all customers using the Updated Customer Balance option in the Order Fulfillment application.

Define Customer Associations

Navigate to the Customer Associations window.

After Customers are entered into AR and synchronized with OPM, the association between Bill to and Ship to Customers are automatically established in OPM. These are the same as the Customer relationships that were established in AR Customer setup.

Define Customer GL Classes

Navigate to the Customer GL Classes window.

This field allows you to logically group your Customers into sets which can be referenced to aid in establishing your Account Mapping.

Define Customer Price Classes

Navigate to the Customer Price Class window.

These classes, tied to AR Customers, can trigger pricing in OPM Order Fulfillment.

Define Reports

Navigate to the Running Reports.

This is a submit report request option. This function recomputes the Customer Open Balance and notify the user of missing exchange rates if they exist.

Define Carriers

Navigate to the Carriers window.

Resave the default carrier of NONE. These Carriers are automatically saved to AR Freight Carriers via a trigger. They are saved in all Inventory Organizations whose Operating Unit is tied to an OPM Company in Manufacturing Accounting Controller Fiscal Policy.

Define Freight Bill Methods

Navigate to the Freight Bill Methods window.

Resave the default Freight Bill Methods of NONE. This is saved as AR Freight Terms via an OPM trigger. They are saved in all Inventory Organizations whose Operating Unit is tied to an OPM Company in Manufacturing Accounting Controller Fiscal Policy.

Define Charges

Navigate to the Charges window.

The Charge Code must be equivalent to the AR Standard Memo Lines Name in order for a Sales Order Charge to be recognized on an AR Invoice.

Optional Setup

If you want to use the following Order Fulfillment related codes, set them up before using Purchase Management. See the *Oracle Process Manufacturing Order Fulfillment User's Guide* and the online help topics for the appropriate windows.

Shipping Methods

Identify how the goods are shipped such as by air or freight.

Ports

Identify embarkation and debarkation ports.

OPM EDI Transactions

This topic lists the EDI Transactions and setup. Refer to the Oracle e-Commerce Gateway guides for details. The following topics are covered:

- Using OPM and the e-Commerce Gateway
- Setting up the e-Commerce Gateway
- Outbound Purchase Acknowledgement (855 / ORDERS)
- Inbound Purchase Order (850 / ORDERS)
- OPM Order Entry Open Interface
- Outbound Ship Notice (856 / DESADV)
- Outbound Ship Notice Data File Organization

Using OPM and the e-Commerce Gateway

OPM utilizes Oracle's e-Commerce Gateway to provide three EDI transactions:

- Purchase Order Inbound (GPOI)
- Purchase Order Acknowledgment Outbound (GPOAO)
- Sales Order Notification Outbound (GASNO)

Each of these transactions interfaces directly with the appropriate OPM tables.

Setting Up the e-Commerce Gateway

1. Set up Customers in Oracle Receivables.
2. Ensure that the Customer has an EDI Location Code.

3. Perform the Data Synchronization of Customers to OPM.
4. Set up Trading Partner in e-Commerce Gateway.
5. Ensure that the Trading Partner has access to the transaction.
6. Set up code translation if required.

Note: See the *e-Commerce Gateway User's Guide* for detailed information on setting up and using this application.

Profile Options

OPM uses the EDI profile options, as well as the default setting for those options. The profile options used are as follows:

- » EDI_GPOI_ADDRESS_PRECEDENCE
- » EDI_GPOI_ENABLED
- » EDI_GASNO_ENABLED
- » EDI_GPOAO_ENABLED

Outbound Purchase Acknowledgement (855 / ORDERS)

Use this transaction to confirm an order with you customer. Any sales order or blanket sales order release can be extracted.

Note: This transaction is not used to convey change to a Purchase Order.

Application(s) accessed OPM Order Fulfillment

ASC X12 Transaction 855

EDIFACT Message ORDRSP

Prerequisite Setup in OPM Order Fulfillment

See the *OPM Order Fulfillment User's Guide* to understand the setup of Order Fulfillment. Sales orders which are extracted by this transaction may be manually entered, released from a Blanket Sales Order, or created via an inbound transaction (850/ORDERS).

Interface Table, Extension Table, and View Names

The following tables appear in the Interface File Definition window for this transaction.

Interface Tables

- Orders (GML_GPOAO_ORDERS)
- Order Charges (GML_GPOAO_ORDER_CHARGES)
- Order Text (GML_GPOAO_ORDER_TEXT)
- Detail Line (GML_GPOAO_DETAILS)
- Detail Line Charges (GML_GPOAO_DETAIL_CHARGES)
- Detail Line Text (GML_GPOAO_DETAIL_TEXT)
- Detail Line Allocations (GML_GPOAO_DETAIL_ALLOCATIONS)

Extension Tables

Each extension table shares its name with a base interface table, except for the trailing “_X”. You must define the columns for the extension tables if you choose to use them.

- GML_GPOAO_ORDERS_X
- GML_GPOAO_ORDER_CHARGES_X
- GML_GPOAO_ORDER_TEXT_X
- GML_GPOAO_DETAILS_X
- GML_GPOAO_DETAIL_CHARGES_X
- GML_GPOAO_DETAIL_TEXT_X
- GML_GPOAO_DETAIL_ALLOCATIONS_X

Views

The following views are used to extract acknowledgement data from the OPM Order Fulfillment tables.

- GML_GPOAO_ORDERS_V
- GML_GPOAO_ORDER_CHARGES_V
- GML_GPOAO_ORDER_TEXT_V
- GML_GPOAO_DETAILS_V
- GML_GPOAO_DETAIL_CHARGES_V
- GML_GPOAO_DETAIL_TEXT_V
- GML_GPOAO_DETAIL_ALLOCATIONS_V

Running the EDI Purchase Order Acknowledgement Outbound Extract Program

Prerequisites

- Create the outbound file directory and update the INIT.ORA file.
- Define the ECE: Output file path profile option.
- Define trading partner data and enable EDI transactions for the trading partner.
- Define code conversions.

- Customize data file layout, if necessary.

To run the EDI purchase order outbound extract program:

1. Navigate to the Process Extract Program window.
2. Select Single Request to submit an individual request.
3. Select the OPM Purchase Order Acknowledgement Outbound transaction (855/ORDRSP).
4. In the Parameters window, enter the following selection criteria:
 - Specify an output data file name if you are not using the default
 - OPM Organization Code
 - Enter Sales Order numbers From and To (optional)
 - Enter Sales Order creation dates From and To (optional)
 - Enter the customer name. (optional)
 - Enter a debug option - 0, 1,2, or 3
5. When finished, choose OK in the Parameters window.
6. Enter schedule options to schedule the request.
7. Enter completion options.
8. Click Submit and make a note of the Request ID returned.

Outbound Purchase Order Acknowledgement Data File Organization

The data file produced by this transaction consists of three levels of data: orders, details, and allocations.

Each purchase order contains one header record that applies to the entire order. The PO header is followed by one or more PO lines, each representing the item or service purchased.

The output file is structured as follows:

- Sales Order (PO) header
- Sales Order charges
- Sales Order text
 - Sales Order line

- Sales Order line charges
- Sales Order line text
- Sales Order line allocations

Summary Tables

The following tables provide a summary description of the data file:

Record Summary

Data	Code Category	Record Number	Record Layout	Record Layout Qualifier
Communication Method	(blank)	0010	CT	CTL
Test Indicator	(blank)	0010	CT	CTL
Document ID	(blank)	0010	CT	CTL
Document Purpose Code	(blank)	0010	CT	CTL
Document Code	(blank)	0010	CT	CTL
TP Translator Code	(blank)	0010	CT	CTL
TP Location Code	(blank)	0010	CT	CTL
TP Gateway Description	(blank)	0010	CT	CTL
TP Gateway Reference 1	(blank)	0010	CT	CTL
TP Gateway Reference 2	(blank)	0010	CT	CTL
Transaction Date/Time	(blank)	0010	CT	CTL
Document Control Number	(blank)	0010	CT	CTL
Trans Header Attributes 1-4	(blank)	0020	A1	TH1
Trans Header Attributes 5-9	(blank)	0030	A2	TH2
Trans Header Attributes 10-14	(blank)	0040	A2	TH3
Trans Header Attribute 15	(blank)	0050	A2	TH4
Trans Detail Attribute Category	(blank)	0060	A1	TD1
Trans Detail Attributes 1-4	(blank)	0060	A1	TD1
Trans Detail Attribute 5	(blank)	0070	A2	TD2

Data	Code Category	Record Number	Record Layout	Record Layout Qualifier
Order Number	(blank)	1000	OA	OA1
Organization Code	(blank)	1000	OA	OA1
Order Comment	(blank)	1000	OA	OA1
Order Status	(blank)	1000	OA	OA1
Purchase Order Number	(blank)	1000	OA	OA1
Sales Order Date	(blank)	1000	OA	OA1
Freight Terms Code (Int)	FREIGHT	1000	OA	OA1
Freight Terms Code (Ext1-5)	(blank)	1000	OA	OA1
Freight Terms Description	(blank)	1000	OA	OA1
Embarkation Port (Int)	BARKATN	1000	OA	OA1
Embarkation Port (Ext1-5)	(blank)	1000	OA	OA1
Embarkation Port Description	(blank)	1000	OA	OA1
Debarkation Port (Int)	BARKATN	1000	OA	OA1
Debarkation Port (Ext1-5)	(blank)	1000	OA	OA1
Debarkation Port Description	(blank)	1000	OB	OB1
FOB Code (Int)	FOB	1010	OB	OB1
FOB Code (Ext1-5)	(blank)	1010	OB	OB1
FOB Name	(blank)	1010	OB	OB1
Shipper Code (Int) (Ship Method Code/Carrier)	SHIPCODE	1010	OB	OB1
Shipper Code(Ext1-5) (Ship Method Code)	(blank)	1010	OB	OB1
Shipper Name	(blank)	1010	OB	OB1
Shipper Mthd (Int) (Ship Method Code/Carrier)	SHIPMTHD	1010	OB	OB1
Shipper Mthd(Ext1-5) (Ship Method Code)	(blank)	1010	OB	OB1
Shipper Mthd Description	(blank)	1010	OB	OB1
Bill to Cust Code (Int)	BILLTO	1020	OC	OC1

Data	Code Category	Record Number	Record Layout	Record Layout Qualifier
Bill to Cust Code (Ext1-5)	(blank)	1020	OC	OC1
Bill to Name	(blank)	1020	OC	OC1
Bill to Cust Address Lines 1-4	(blank)	1020	OC	OC1
Bill to Cust Postal Code	(blank)	1030	OD	OD1
Bill to Cust Country (Int)	COUNTRY	1030	OD	OD1
Bill to Cust Country (Ext1-5)	(blank)	1030	OD	OD1
Bill to Cust State (Int)	STATE	1030	OD	OD1
Bill to Cust State (Ext1-5)	(blank)	1030	OD	OD1
Bill to Cust Province (Int)	PROVINCE	1030	OD	OD1
Bill to Cust Province (Ext1-5)	(blank)	1030	OD	OD1
Bill to Cust County	(blank)	1030	OD	OD1
Bill to Cust Contact Last Name	(blank)	1030	OD	OD1
Bill to Cust Contact First Name	(blank)	1030	OD	OD1
Bill to Cust Contact Job Title	(blank)	1030	OD	OD1
Bill to Cust Area Code	(blank)	1030	OD	OD1
Bill to Cust Telephone Number	(blank)	1030	OD	OD1
Ship to Cust Code (Int)	SHIPTO	1040	OC	OC2
Ship to Cust Code (Ext1-5)	(blank)	1040	OC	OC2
Ship to Name	(blank)	1040	OC	OC2
Ship to Cust Address Lines 1-4	(blank)	1040	OC	OC2
Ship to Cust Postal Code	(blank)	1050	OC	OC2
Ship to Cust Country (Int)	COUNTRY	1050	OC	OC2
Ship to Cust Country (Ext1-5)	(blank)	1050	OC	OC2
Ship to Cust State (Int)	STATE	1050	OD	OD2
Ship to Cust State (Ext1-5)	(blank)	1050	OD	OD2
Ship to Cust Province (Int)	PROVINCE	1050	OD	OD2
Ship to Cust Province (Ext1-5)	(blank)	1050	OD	OD2

Data	Code Category	Record Number	Record Layout	Record Layout Qualifier
Ship to Cust County	(blank)	1050	OD	OD2
Ship to Cust Contact Last Name	(blank)	1050	OD	OD2
Ship to Cust Contact First Name	(blank)	1050	OD	OD2
Ship to Cust Contact Job Title	(blank)	1050	OD	OD2
Ship to Cust Area Code	(blank)	1050	OD	OD2
Ship to Cust Telephone Number	(blank)	1050	OD	OD2
Order Ship Address Lines 1-4	(blank)	1060	OE	OE1
Order Ship Address Postal Code	(blank)	1060	OE	OE1
Order Ship Address Country (Int)	COUNTRY	1060	OE	OE1
Order Ship Address Country (Ext1-5)	(blank)	1060	OE	OE1
Order Ship Address State (Int)	STATE	1060	OE	OE1
Order Ship Address State (Ext1-5)	(blank)	1060	OE	OE1
Order Ship Address Province (Int)	PROVINCE	1060	OE	OE1
Order Ship Address Province (Ext1-5)	(blank)	1060	OE	OE1
Order Ship Address County	(blank)	1060	OE	OE1
EDI Trans Count	(blank)	1070	OF	OF1
Print Count	(blank)	1070	OF	OF1
Date Printed	(blank)	1070	OF	OF1
Date Created	(blank)	1070	OF	OF1
Date Modified	(blank)	1070	OF	OF1
From Warehouse	(blank)	1080	OG	OG1
From Warehouse Name	(blank)	1080	OG	OG1
From Warehouse Contact	(blank)	1080	OG	OG1
From Warehouse Telephone Number	(blank)	1080	OG	OG1

Data	Code Category	Record Number	Record Layout	Record Layout Qualifier
From Warehouse Address Lines 1-4	(blank)	1080	OG	OG1
From Warehouse Postal Code	(blank)	1090	OH	OH1
From Warehouse Country (Int)	COUNTRY	1090	OH	OH1
From Warehouse Country (Ext1-5)	(blank)	1090	OH	OH1
From Warehouse State (Int)	STATE	1090	OH	OH1
From Warehouse State (Ext1-5)	(blank)	1090	OH	OH1
From Warehouse Province (Int)	PROVINCE	1090	OH	OH1
From Warehouse Province (Ext1-5)	(blank)	1090	OH	OH1
From Warehouse County	(blank)	1090	OH	OH1
Order Header Attributes Category	(blank)	1100	A1	OH1
Order Header Attributes 1-4	(blank)	1100	A1	OH1
Order Header Attributes 5-9	(blank)	1110	A2	OH2
Order Header Attribute 10-14	(blank)	1120	A2	OH3
Order Header Attribute 15-19	(blank)	1130	A2	OH4
Order Header Attribute 20-24	(blank)	1140	A2	OH5
Order Header Attribute 25-29	(blank)	1150	A2	OH6
Order Header Attribute 30	(blank)	1160	A2	OH7
Document Control Number	(blank)	1400	AC	OAC
SAC Indicator Code (Int)	(blank)	1400	AC	OAC
SAC Indicator Code (Ext1-5)	(blank)	1400	AC	OAC
SAC Code (Int)	(blank)	1400	AC	OAC
SAC Code (Ext1-5)	(blank)	1400	AC	OAC
SAC Method Code (Int)	(blank)	1400	AC	OAC
SAC Method Code (Ext1-5)	(blank)	1400	AC	OAC
SAC Line Amount	(blank)	1400	AC	OAC

Data	Code Category	Record Number	Record Layout	Record Layout Qualifier
SAC Rate	(blank)	1400	AC	OAC
SAC Unit Amount	(blank)	1400	AC	OAC
SAC Unit of Measure	(blank)	1400	AC	OAC
SAC Quantity	(blank)	1400	AC	OAC
SAC Description	(blank)	1400	AC	OAC
Document Control Number	(blank)	1500	NT	ONT
Text Language Code (Int)	TEXT	1500	NT	ONT
Text Language Code (Ext1-5)	(blank)	1500	NT	ONT
Text Paragraph Code (Int)	TEXT	1500	NT	ONT
Text Paragraph Code (Ext1-5)	(blank)	1500	NT	ONT
Text Sub-Paragraph	(blank)	1500	NT	ONT
Text Line Number	(blank)	1500	NT	ONT
Text	(blank)	1500	NT	ONT
Line Status	(blank)	3000	DA	DA1
Ship Status	(blank)	3000	DA	DA1
Sales Order Line Number	(blank)	3000	DA	DA1
Sales Order Line Revision Count	(blank)	3000	DA	DA1
Sales Order Line Creation Date	(blank)	3000	DA	DA1
Sales Order Line Modified Date	(blank)	3000	DA	DA1
Sales Order Line Actual Ship Date	(blank)	3000	DA	DA1
Sales Order Line Requested Ship Date	(blank)	3000	DA	DA1
Sales Order Line Promised Ship Date	(blank)	3000	DA	DA1
Sales Order Line Scheduled Ship Date	(blank)	3000	DA	DA1
Sales Order Line Actual Delivery Date	(blank)	3000	DA	DA1

Data	Code Category	Record Number	Record Layout	Record Layout Qualifier
Sales Order Line Required Delivery Date	(blank)	3000	DA	DA1
Sales Order Line Hold Expiration Date	(blank)	3000	DA	DA1
Sales Order Line Exported To Financials Date	(blank)	3000	DA	DA1
Sales Order Line Comment	(blank)	3000	DA	DA1
Order Detail Attribute Category	(blank)	3010	A1	DZ1
Order Detail Attributes 1-4	(blank)	3010	A1	DZ1
Order Detail Attribute 5-9	(blank)	3020	A2	DZ2
Order Detail Attribute 10-14	(blank)	3030	A2	DZ3
Order Detail Attribute 15-19	(blank)	3040	A2	DZ4
Order Detail Attribute 20-24	(blank)	3050	A2	DZ5
Order Detail Attribute 25-29	(blank)	3060	A2	DZ6
Order Detail Attribute 30	(blank)	3070	A2	DZ7
Shipment Method of Payment Code (Int)	SHIPMTHD	3080	DB	DB1
Shipment Method of Payment Code (Ext1-5)	(blank)	3080	DB	DB1
Vendor Currency Code (Int)	CURRENCY	3080	DB	DB1
Vendor Currency Code (Ext1-5)	(blank)	3080	DB	DB1
Customer Currency Code (Int)	CURRENCY	3080	DB	DB1
Customer Currency Code (Ext1-5)	(blank)	3080	DB	DB1
Hold Reason Code (Int)	REASCODE	3080	DB	DB1
Hold Reason Code (Ext1-5)	(blank)	3080	DB	DB1
Conversion Rate	(blank)	3080	DB	DB1
Ship to Cust Code (Int)	SHIPTO	3090	DC	DC1
Ship to Cust Code (Ext1-5)	(blank)	3090	DC	DC1
Ship to Name	(blank)	3090	DC	DC1

Data	Code Category	Record Number	Record Layout	Record Layout Qualifier
Ship to Cust Address Line 1	(blank)	3090	DC	DC1
Ship to Cust Address Line 2	(blank)	3090	DC	DC1
Ship to Cust Address Line 3	(blank)	3090	DC	DC1
Ship to Cust Address Line 4	(blank)	3090	DC	DC1
Ship to Cust Postal Code	(blank)	3100	DD	DD1
Ship to Cust Country (Int)	COUNTRY	3100	DD	DD1
Ship to Cust Country (Ext1-5)	(blank)	3100	DD	DD1
Ship to Cust State (Int)	STATE	3100	DD	DD1
Ship to Cust State (Ext1-5)	(blank)	3100	DD	DD1
Ship to Cust Province (Int)	PROVINCE	3100	DD	DD1
Ship to Cust Province (Ext1-5)	(blank)	3100	DD	DD1
Ship to Cust County	(blank)	3100	DD	DD1
Ship to Cust Contact Last Name	(blank)	3100	DD	DD1
Ship to Cust Contact First Name	(blank)	3100	DD	DD1
Ship to Cust Contact Job Title	(blank)	3100	DD	DD1
Ship to Cust Area Code	(blank)	3100	DD	DD1
Ship to Cust Telephone Number	(blank)	3100	DD	DD1
Net Weight	(blank)	3110	DE	DE1
Tare Weight	(blank)	3110	DE	DE1
Pallet Weight	(blank)	3110	DE	DE1
Freight Bill Weight	(blank)	3110	DE	DE1
Weight UOM (Int)	UOM	3110	DE	DE1
Weight UOM (Ext1-5)	(blank)	3110	DE	DE1
Volume	(blank)	3110	DE	DE1
Volume UOM (Int)	UOM	3110	DE	DE1
Volume UOM (Ext1-5)	(blank)	3110	DE	DE1
Order Quantity 1	(blank)	3110	DE	DE1

Data	Code Category	Record Number	Record Layout	Record Layout Qualifier
Ship Quantity 1	(blank)	3110	DE	DE1
Quantity 1 UOM (Int)	UOM	3110	DE	DE1
Quantity 1 UOM (Ext1-5)	(blank)	3110	DE	DE1
Order Quantity 2	(blank)	3110	DE	DE1
Ship Quantity 2	(blank)	3110	DE	DE1
Quantity 2 UOM (Int)	UOM	3110	DE	DE1
Quantity 2 UOM (Ext1-5)	(blank)	3110	DE	DE1
Item	(blank)	3120	DF	DF1
Item Description	(blank)	3120	DF	DF1
Customer Item	(blank)	3120	DF	DF1
Line Description	(blank)	3120	DF	DF1
To Warehouse	(blank)	3120	DF	DF1
To Warehouse Name	(blank)	3120	DF	DF1
Price Reason Code (Int)	REASCODE	3130	DG	DG1
Price Reason Code (Ext1-5)	(blank)	3130	DG	DG1
Price reason Description	(blank)	3130	DG	DG1
Base Price	(blank)	3130	DG	DG1
Net Price	(blank)	3130	DG	DG1
Extended Price	(blank)	3130	DG	DG1
List Price	(blank)	3130	DG	DG1
System Price	(blank)	3130	DG	DG1
Net Tax	(blank)	3130	DG	DG1
Bill Quantity	(blank)	3130	DG	DG1
From Warehouse (From first Detail)	(blank)	3140	DH	DH1
From Warehouse Name	(blank)	3140	DH	DH1
From Warehouse Contact	(blank)	3140	DH	DH1

Data	Code Category	Record Number	Record Layout	Record Layout Qualifier
From Warehouse Telephone Number	(blank)	3140	DH	DH1
From Warehouse Address Line 1	(blank)	3140	DH	DH1
From Warehouse Address Line 2	(blank)	3140	DH	DH1
From Warehouse Address Line 3	(blank)	3140	DH	DH1
From Warehouse Address Line 4	(blank)	3140	DH	DH1
From Warehouse Postal Code	(blank)	3150	DI	DI1
From Warehouse Country (Int)	COUNTRY	3150	DI	DI1
From Warehouse Country (Ext1-5)	(blank)	3150	DI	DI1
From Warehouse State (Int)	STATE	3150	DI	DI1
From Warehouse State (Ext1-5)	(blank)	3150	DI	DI1
From Warehouse Province (Int)	PROVINCE	3150	DI	DI1
From Warehouse Province (Ext1-5)	(blank)	3150	DI	DI1
From Warehouse County	(blank)	3150	DI	DI1
Document Control Number	(blank)	3400	AC	DAC
SAC Indicator Code (Int)	(blank)	3400	AC	DAC
SAC Indicator Code (Ext1-5)	(blank)	3400	AC	DAC
SAC Code (Int)	(blank)	3400	AC	DAC
SAC Code (Ext1-5)	(blank)	3400	AC	DAC
SAC Method Code (Int)	(blank)	3400	AC	DAC
SAC Method Code (Ext1-5)	(blank)	3400	AC	DAC
SAC Line Amount	(blank)	3400	AC	DAC
SAC Rate	(blank)	3400	AC	DAC
SAC Unit Amount	(blank)	3400	AC	DAC
SAC Unit of Measure	(blank)	3400	AC	DAC
SAC Quantity	(blank)	3400	AC	DAC

Data	Code Category	Record Number	Record Layout	Record Layout Qualifier
SAC Description	(blank)	3400	AC	DAC
Document Control Number	(blank)	3500	NT	DNT
Text Language Code (Int)	TEXT	3500	NT	DNT
Text Language Code (Ext1-5)	(blank)	3500	NT	DNT
Text Paragraph Code (Int)	TEXT	3500	NT	DNT
Text Paragraph Code (Ext1-5)	(blank)	3500	NT	DNT
Text Sub-Paragraph	(blank)	3500	NT	DNT
Text Line Number	(blank)	3500	NT	DNT
Text	(blank)	3500	NT	DNT
Lot Number	(blank)	3600	AL	AL1
Vendor Lot Number	(blank)	3600	AL	AL1
Sub Lot Number	(blank)	3600	AL	AL1
Lot Description	(blank)	3600	AL	AL1
Lot Status	(blank)	3600	AL	AL1
Lot Status Description	(blank)	3600	AL	AL1
Lot Location	(blank)	3600	AL	AL1
Lot Location Description	(blank)	3600	AL	AL1
Lot QC Grade	(blank)	3600	AL	AL1
Lot QC Grade Description	(blank)	3600	AL	AL1
Lot Reason Code	(blank)	3600	AL	AL1
Lot Creation date	(blank)	3600	AL	AL1
Lot Expiration date	(blank)	3600	AL	AL1
Lot Quantity 1	(blank)	3600	AL	AL1
Lot UOM 1 (Int)	UOM	3600	AL	AL1
Lot UOM 1 (Ext1-5)	(blank)	3600	AL	AL1
Lot Quantity 2	(blank)	3600	AL	AL1
Lot UOM 2 (Int)	UOM	3600	AL	AL1

Data	Code Category	Record Number	Record Layout	Record Layout Qualifier
Lot UOM 2(Ext1-5)	(blank)	3600	AL	AL1

Inbound Purchase Order (850 / ORDERS)

Use this transaction to import customer orders into OPM Order Fulfillment.

Application(s) accessed OPM Order Fulfillment

Application Open Interface(s) OPM Order Entry Open Interface

ASC X12 Transaction 850

EDIFACT Message ORDERS

Prerequisite Setup in OPM Order Fulfillment

Use the OPM Order Entry Open Interface program to import customer purchase orders into your system as a sales order.

e-Commerce Gateway assumes OPM Order Fulfillment is fully implemented. Validation is based on the same business rules applied to manually entered sales orders. See: The *OPM Order Fulfillment User's Guide* to understand the setup of Sales Orders.

Interface Tables

The following tables appear in the Interface File Definition window for this transaction. These tables are populated by the e-Commerce Gateway import program. The data is then processed by the application open interface. Valid data is written to the application tables. Erroneous data is marked for corrective action. Columns within these tables are identified as candidates for code conversion.

- Header (OP_ORDR_HDR_INTERFACE)
- Header SAC (OP_ORDER_HAC_INTERFACE)
- Header Text (OP_ORDR_HTX_INTERFACE)
- Detail (OP_ORDER_DTL_INTERFACE)
- Detail Sac (OP_ORDR_DAC_INTERFACE)
- Detail Text (OP_ORDER_DTX_INTERFACE)

Running the EDI Purchase Order Inbound Program

Prerequisites

- Create the inbound file directory and update the INIT.ORA file.
- Define the ECE: Inbound file path profile option.
- Define trading partner relationships and enable EDI transactions for the trading partner.
- Define code conversions.
- Customize data file layout, if necessary.

To run the EDI PO inbound program:

1. Navigate to the Process Import Programs window.
2. Select Single Request to submit an individual request.
3. Select the OPM Purchase Order Inbound request (850/ORDERS).
4. In the Parameters window, enter the following selection criteria:
 - Enter the inbound data file name or accept the default.
 - In the Execute Open Interface field,
 - enter No to initiate OrderImport into the interface tables. Currently this is the only supported option.
 - enter Yes to initiate the OrderImport into the interface tables. This initiates the Sales Order Import Interface report. This option is currently not available.
 - Enter proper Map Code (XML or flat file) for outbound file.
 - Enter a debug option - 0, 1, 2, or 3.
5. When finished, click OK in the Parameters window.
6. Enter schedule options to schedule the request.
7. Enter completion options.
8. Click Submit and make a note of the Request ID returned.

Inbound Purchase Order Data File Organization

The following tables provide a summary description of the data file.

Record Summary

Data	Data Level	Record Number	Record Layout	Record Layout Qualifier
Communication Method	(blank)	0010	CT	CTL
Test Indicator	(blank)	0010	CT	CTL
Document ID (Int)	(blank)	0010	CT	CTL
Document Type	(blank)	0010	CT	CTL
Document Purpose Code	(blank)	0010	CT	CTL
Document Code	(blank)	0010	CT	CTL
Trading Partner Code	(blank)	0010	CT	CTL
Trading Partner Location Code	(blank)	0010	CT	CTL
Trading Partner Description	(blank)	0010	CT	CTL
Trading Partner Ref 1 (Send/Recv TP)	(blank)	0010	CT	CTL
Trading Partner Ref 2	(blank)	0010	CT	CTL
Transaction Date/Time	(blank)	0010	CT	CTL
Transaction Run ID	(blank)	0010	CT	CTL
Transaction Control 1-3	(blank)	0020	HZ	HDZ
PO Type	(blank)	1000	HA	HDA
Customer PO Number	(blank)	1000	HA	HDA
Customer PO Date	(blank)	1000	HA	HDA
Sales Order Number (Reqd if manual)	(blank)	1000	HA	HDA
Sales Order Organization	(blank)	1000	HA	HDA
Sales Order Comment	(blank)	1000	HA	HDA
Sales Order Action (New/Change)	(blank)	1000	HA	HDA
From Warehouse	(blank)	1000	HA	HDA
Order Header Attribute Category	(blank)	1010	A1	OH1
Order Header Attributes 1-4	(blank)	1010	A1	OH1
Order Header Attributes 5-9	(blank)	1020	A2	OH2

Data	Data Level	Record Number	Record Layout	Record Layout Qualifier
Order Header Attributes 10-14	(blank)	1030	A2	OH3
Order Header Attributes 15-19	(blank)	1040	A2	OH4
Order Header Attributes 20-24	(blank)	1050	A2	OH5
Order Header Attributes 25-29	(blank)	1060	A2	OH6
Order Header Attribute 30	(blank)	1070	A2	OH7
Bill to Cust Addr ID	(blank)	1080	AD	BT1
Bill to Cust Id (Int)	(blank)	1080	AD	BT1
Bill to EDI Location Code (Ext1)	(blank)	1080	AD	BT1
Bill to Cust Name	(blank)	1080	AD	BT1
Bill to Cust Address Line 1	(blank)	1080	AD	BT1
Bill to Cust Address Line 2	(blank)	1080	AD	BT1
Bill to Cust Address Line 3	(blank)	1080	AD	BT1
Bill to Cust Address Line 4	(blank)	1080	AD	BT1
Bill to Cust City	(blank)	1080	AD	BT1
Bill to Cust Postal Code	(blank)	1080	AD	BT1
Bill to Cust County	(blank)	1080	AD	BT1
Bill to Address Code	(blank)	1080	AD	BT1
Bill to Cust Country (Int)	COUNTRY	1090	AE	BT2
Bill to Cust Country (Ext1-5)	(blank)	1090	AE	BT2
Bill to Cust State (Int)	STATE	1090	AE	BT2
Bill to Cust State (Ext1-5)	(blank)	1090	AE	BT2
Bill to Cust Province (Int)	PROVINCE	1090	AE	BT2
Bill to Cust Province (Ext1-5)	(blank)	1090	AE	BT2
Bill To Cust Contact Last Name	(blank)	1090	AE	BT2
Bill To Cust Contact First Name	(blank)	1090	AE	BT2
Bill To Cust Contact Job Title	(blank)	1090	AE	BT2
Bill To Cust Area Code	(blank)	1090	AE	BT2

Data	Data Level	Record Number	Record Layout	Record Layout Qualifier
Bill To Cust Phone Number	(blank)	1090	AE	BT2
Ship to Cust Addr ID	(blank)	1100	AD	ST1
Ship to Cust Id (Int)	(blank)	1100	AD	ST1
Ship to EDI Location Code (Ext1)	(blank)	1100	AD	ST1
Ship to Cust Name	(blank)	1100	AD	ST1
Ship to Cust Address Line 1	(blank)	1100	AD	ST1
Ship to Cust Address Line 2	(blank)	1100	AD	ST1
Ship to Cust Address Line 3	(blank)	1100	AD	ST1
Ship to Cust Address Line 4	(blank)	1100	AD	ST1
Ship to Cust City	(blank)	1100	AD	ST1
Ship to Cust Postal Code	(blank)	1100	AD	ST1
Ship to Cust County	(blank)	1100	AD	ST1
Ship to Address Code	(blank)	1100	AD	BT1
Ship to Cust Country (Int)	COUNTRY	1110	AE	ST2
Ship to Cust Country (Ext1-5)	(blank)	1110	AE	ST2
Ship to Cust State (Int)	STATE	1110	AE	ST2
Ship to Cust State (Ext1-5)	(blank)	1110	AE	ST2
Ship to Cust Province (Int)	STATE	1110	AE	ST2
Ship to Cust Province (Ext1-5)	(blank)	1110	AE	ST2
Ship To Cust Contact Last Name	(blank)	1110	AE	ST2
Ship To Cust Contact First Name	(blank)	1110	AE	ST2
Ship To Cust Contact Job Title	(blank)	1110	AE	ST2
Ship To Cust Area Code	(blank)	1110	AE	ST2
Ship To Cust Phone Number	(blank)	1110	AE	ST2
Sold to Cust Addr ID	(blank)	1120	AD	SD1
Sold to Cust Id (Int)	(blank)	1120	AD	SD1
Sold to EDI Location Code (Ext1)	(blank)	1120	AD	SD1

Data	Data Level	Record Number	Record Layout	Record Layout Qualifier
Sold to Cust Name	(blank)	1120	AD	SD1
Sold to Cust Address Line 1	(blank)	1120	AD	SD1
Sold to Cust Address Line 2	(blank)	1120	AD	SD1
Sold to Cust Address Line 3	(blank)	1120	AD	SD1
Sold to Cust Address Line 4	(blank)	1120	AD	SD1
Sold to Cust City	(blank)	1120	AD	SD1
Sold to Cust Postal Code	(blank)	1120	AD	SD1
Sold to Cust County	(blank)	1120	AD	SD1
Sold to Address Code	(blank)	1120	AD	BT1
Sold to Cust Country (Int)	COUNTRY	1130	AE	SD2
Sold to Cust Country (Ext1-5)	(blank)	1130	AE	SD2
Sold to Cust State (Int)	STATE	1130	AE	SD2
Sold to Cust State (Ext1-5)	(blank)	1130	AE	SD2
Sold to Cust Province (Int)	STATE	1130	AE	SD2
Sold to Cust Province (Ext1-5)	(blank)	1130	AE	SD2
Sold To Cust Contact Last Name	(blank)	1130	AE	SD2
Sold To Cust Contact First Name	(blank)	1130	AE	SD2
Sold To Cust Contact Job Title	(blank)	1130	AE	SD2
Sold To Cust Area Code	(blank)	1130	AE	SD2
Sold To Cust Phone Number	(blank)	1130	AE	SD2
Billing Currency Code (Int)	CURRENCY	1140	HB	HDB
Billing Currency Code (Ext1-5)	(blank)	1140	HB	HDB
Base Currency Code (Int)	CURRENCY	1140	HB	HDB
Base Currency Code (Ext1-5)	(blank)	1140	HB	HDB
Conversion Type Code (Int)	RATE_TYPE	1140	HB	HDB
Conversion Type Code (Ext1)	(blank)	1140	HB	HDB
Conversion Rate	(blank)	1140	HB	HDB

Data	Data Level	Record Number	Record Layout	Record Layout Qualifier
Conversion Rate Date	(blank)	1140	HB	HDB
Freight Bill Method Code (Int)	TERMS	1140	HB	HDB
Freight Bill Method Code (Ext1-5)	(blank)	1140	HB	HDB
Embarkation Port (Int)	BARKATN	1140	HB	HDB
Embarkation Port (Ext1-5)	(blank)	1140	HB	HDB
Debarkation Port (Int)	BARKATN	1140	HB	HDB
Debarkation Port (Ext1-5)	(blank)	1140	HB	HDB
Payment Terms (Int)	PAY_TERM	1150	HC	HDC
Payment Terms (Ext1-5)	(blank)	1150	HC	HDC
FOB (Int)	PAY_TERM	1150	HC	HDC
FOB (Ext1-5)	(blank)	1150	HC	HDC
Shipper Code (Int)	SHIPPER	1150	HC	HDC
Shipper Code (Ext1-5)	(blank)	1150	HC	HDC
Ship Method (Int)	SHIPPER	1150	HC	HDC
Ship Method (Ext1-5)	(blank)	1150	HC	HDC
Scheduled Ship Date	(blank)	1160	HD	HDD
Required Delivery Date	(blank)	1160	HD	HDD
Requested Delivery Date	(blank)	1160	HD	HDD
Certificate of Analysis	(blank)	1160	HD	HDD
SAC Indicator Code (Int)	(blank)	1400	AC	OAC
SAC Indicator Code (Ext1-5)	(blank)	1400	AC	OAC
SAC Code (Int)	(blank)	1400	AC	OAC
SAC Code (Ext1-5)	(blank)	1400	AC	OAC
SAC Method Code (Int)	(blank)	1400	AC	OAC
SAC Method Code (Ext1-5)	(blank)	1400	AC	OAC
SAC Line Amount	(blank)	1400	AC	OAC
SAC Rate	(blank)	1400	AC	OAC

Data	Data Level	Record Number	Record Layout	Record Layout Qualifier
SAC Unit Amount	(blank)	1400	AC	OAC
SAC Unit of Measure	(blank)	1400	AC	OAC
SAC Quantity	(blank)	1400	AC	OAC
SAC Description	(blank)	1400	AC	OAC
Text Language Code (Int)	TEXT	1500	NT	DNT
Text Language Code (Ext1-5)	(blank)	1500	NT	DNT
Text Paragraph Code (Int)	TEXT	1500	NT	DNT
Text Paragraph Code (Ext1-5)	(blank)	1500	NT	DNT
Text Sub-Paragraph	(blank)	1500	NT	DNT
Text Line Number	(blank)	1500	NT	DNT
Text	(blank)	1500	NT	DNT
Line Number	(blank)	2000	DA	DTA
Line Comment	(blank)	2000	DA	DTA
Line Action (New/Change)	(blank)	2000	DA	DTA
From Warehouse	(blank)	2000	DA	DTA
Customer Line Number	(blank)	2000	DA	DTA
Order Detail Attribute Category	(blank)	2010	A1	DH1
Order Detail Attributes 1-4	(blank)	2010	A1	DH1
Order Detail Attributes 5-9	(blank)	2020	A2	DH2
Order Detail Attributes 10-14	(blank)	2030	A2	DH3
Order Detail Attributes 15-19	(blank)	2040	A2	DH4
Order Detail Attributes 20-24	(blank)	2050	A2	DH5
Order Detail Attributes 25-29	(blank)	2060	A2	DH6
Order Detail Attribute 30	(blank)	2070	A2	DH7
Ship to Cust Addr ID	(blank)	2080	AD	DS1
Ship to Cust Id (Int)	(blank)	2080	AD	DS1
Ship to EDI Location Code (Ext1)	(blank)	2080	AD	DS1

Data	Data Level	Record Number	Record Layout	Record Layout Qualifier
Ship to Cust Name	(blank)	2080	AD	DS1
Ship to Cust Address Line 1	(blank)	2080	AD	DS1
Ship to Cust Address Line 2	(blank)	2080	AD	DS1
Ship to Cust Address Line 3	(blank)	2080	AD	DS1
Ship to Cust Address Line 4	(blank)	2080	AD	DS1
Ship to Cust City	(blank)	2080	AD	DS1
Ship to Cust Postal Code	(blank)	2080	AD	DS1
Ship to Cust County	(blank)	2080	AD	DS1
Ship to Address Code	(blank)	2080	AD	BT1
Ship to Cust Country (Int)	COUNTRY	2090	AE	DS2
Ship to Cust Country (Ext1-5)	(blank)	2090	AE	DS2
Ship to Cust State (Int)	STATE	2090	AE	DS2
Ship to Cust State (Ext1-5)	(blank)	2090	AE	DS2
Ship to Cust Province (Int)	STATE	2090	AE	DS2
Ship to Cust Province (Ext1-5)	(blank)	2090	AE	DS2
Ship To Cust Contact Last Name	(blank)	2090	AE	DS2
Ship To Cust Contact First Name	(blank)	2090	AE	DS2
Ship To Cust Contact Job Title	(blank)	2090	AE	DS2
Ship To Cust Area Code	(blank)	2090	AE	DS2
Ship To Cust Phone Number	(blank)	2090	AE	DS2
Billing Currency Code (Int)	CURRENCY	2100	HB	HDB
Billing Currency Code (Ext1-5)	(blank)	2100	HB	HDB
Base Currency Code (Int)	CURRENCY	2100	HB	HDB
Base Currency Code (Ext1-5)	(blank)	2100	HB	HDB
Conversion Type Code (Int)	RATE_TYPE	2100	HB	HDB
Conversion Type Code (Ext1-4)	(blank)	2100	HB	HDB
Conversion Rate	(blank)	2100	HB	HDB

Data	Data Level	Record Number	Record Layout	Record Layout Qualifier
Conversion Rate Date	(blank)	2100	HB	HDB
Freight Bill Method Code (Int)	TERMS	2100	HB	HDB
Freight Bill Method Code (Ext1-5)	(blank)	2100	HB	HDB
Embarkation Port (Int)	BARKATN	2100	HB	HDB
Embarkation Port (Ext1-5)	(blank)	2100	HB	HDB
Debarkation Port (Int)	BARKATN	2100	HB	HDB
Debarkation Port (Ext1-5)	(blank)	2100	HB	HDB
Payment Terms (Int)	PAY_TERM	2110	DC	DTC
Payment Terms (Ext1-5)	(blank)	2110	DC	DTC
FOB (Int)	PAY_TERM	2110	DC	DTC
FOB (Ext1-5)	(blank)	2110	DC	DTC
Shipper Code (Int)	SHIPPER	2110	DC	DTC
Shipper Code (Ext1-5)	(blank)	2110	DC	DTC
Ship Method (Int)	SHIPPER	2110	DC	DTC
Ship Method (Ext1-5)	(blank)	2110	DC	DTC
Scheduled Ship Date	(blank)	2120	DD	DTD
Required Delivery Date	(blank)	2120	DD	DTD
Requested Delivery Date	(blank)	2120	DD	DTD
Certificate of Analysis	(blank)	2120	DD	DTD
Line Item Description	(blank)	2130	DE	DTE
Customer Item Code	(blank)	2130	DE	DTE
Item Number	(blank)	2130	DE	DTE
QC Grade Wanted	(blank)	2130	DE	DTE
Net Price	(blank)	2130	DE	DTE
Price Reason Code	(blank)	2130	DE	DTE
Price Unit of Measure Code (Int)	UOM	2130	DE	DTE
Price Unit of Measure Code (Ext 1-5)	(blank)	2130	DE	DTE

Data	Data Level	Record Number	Record Layout	Record Layout Qualifier
Order Quantity 1	(blank)	2130	DE	DTE
Unit of Measure Code 1 (Int)	UOM	2130	DE	DTE
Unit of Measure Code 1 (Ext 1-5)	(blank)	2130	DE	DTE
Order Quantity 2	(blank)	2130	DE	DTE
Unit of Measure Code 2 (Int)	UOM	2130	DE	DTE
Unit of Measure Code 2 (Ext 1-5)	(blank)	2130	DE	DTE
SAC Indicator Code (Int)	(blank)	2400	AC	DAC
SAC Indicator Code (Ext1-5)	(blank)	2400	AC	DAC
SAC Code (Int)	(blank)	2400	AC	DAC
SAC Code (Ext1-5)	(blank)	2400	AC	DAC
SAC Method Code (Int)	(blank)	2400	AC	DAC
SAC Method Code (Ext1-5)	(blank)	2400	AC	DAC
SAC Line Amount	(blank)	2400	AC	DAC
SAC Rate	(blank)	2400	AC	DAC
SAC Unit Amount	(blank)	2400	AC	DAC
SAC Unit of Measure	(blank)	2400	AC	DAC
SAC Quantity	(blank)	2400	AC	DAC
SAC Description	(blank)	2400	AC	DAC
Text Language Code (Int)	TEXT	2500	NT	DNT
Text Language Code (Ext1-5)	(blank)	2500	NT	DNT
Text Paragraph Code (Int)	TEXT	2500	NT	DNT
Text Paragraph Code (Ext1-5)	(blank)	2500	NT	DNT
Text Sub-Paragraph	(blank)	2500	NT	DNT
Text Line Number	(blank)	2500	NT	DNT
Text	(blank)	2500	NT	DNT

OPM Order Entry Open Interface

Use this interface to import customer orders into OPM Order Fulfillment.

Application(s) accessed OPM Order Fulfillment

Application Open Interface(s) OPM Order Entry Open Interface

Prerequisite Setup in OPM Order Entry Open Interface

Use the OPM Order Entry Open Interface program to import customer purchase orders into your system as a sales order.

OPM Order Fulfillment must be fully implemented. Validation is based on the same business rules applied to manually entered sales orders. Trading Partners must be established in the e-Commerce Gateway. See: *The OPM Order Fulfillment User's Guide* to understand the setup of Sales Orders.

Interface Tables

The following tables contain data to be imported into OPM Order Fulfillment. See: Inbound Purchase Order 850/ORDERS. The data is processed by the OPM Order Entry Open Interface. Valid data is written to the OPM application tables. Erroneous data is marked for corrective action.

- Header (OP_ORDR_HDR_INTERFACE)
- Header SAC (OP_ORDER_HAC_INTERFACE)
- Header Text (OP_ORDR_HTX_INTERFACE)
- Detail (OP_ORDER_DTL_INTERFACE)
- Detail Sac (OP_ORDR_DAC_INTERFACE)
- Detail Text (OP_ORDER_DTX_INTERFACE)

Running the Open Interface

Prerequisites

Define trading partner relationships and enable EDI transactions for the trading partner.

To run the Open Interface program standalone:

1. Navigate to the Logistics Run Report window.
2. Select Single Request to submit an individual request.
3. Select EDI OPM Order Entry Open Interface.
4. Enter schedule options to schedule the request.
5. Enter completion options.
6. Submit the report and make a note of the Request ID returned.

Outbound Ship Notice (856 / DESADV)

Use this transaction to list the contents of a shipment including departure and delivery data such as carrier, parties involved with the shipment, order; product data such as description, physical characteristics, type of packaging, lot numbers; and allowances and charges.

Application(s) accessed OPM Order Fulfillment

ASC X12 Transaction 856

EDIFACT Message DESADV

Prerequisite Setup in OPM Order Fulfillment

See the *OPM Order Fulfillment User's Guide* to understand the setup of Order Fulfillment. Sales orders which are extracted by this transaction may be manually entered, released from a Blanket Sales Order, or created via an inbound transaction (850/ORDERS).

After the customer order is entered, use Order Fulfillment to schedule shipments. During the shipment preparation process, inventory is allocated and shipping documents are prepared.

The outbound ship notice is based on existing shipments in OPM Order Fulfillment.

Interface Tables, Extension Tables, and View Names

The following tables appear in the Interface File Definition window for this transaction.

Interface Tables

- Shipment (GML_GASNO_SHIPMENTS)
- Shipment Text (GML_GASNO_SHIPMENT_TEXT)
- Orders (GML_GASNO_ORDERS)
- Order Charges (GML_GASNO_ORDER_CHARGES)
- Order Text (GML_GASNO_ORDER_TEXT)
- Detail Lines (GML_GASNO_DETAILS)
- Detail Line Charges (GML_GASNO_DETAIL_CHARGES)
- Detail Line Text (GML_GASNO_DETAIL_TEXT)
- Detail Line Allocations (GML_GASNO_DETAIL_ALLOCATIONS)

Extension Tables

Each extension table shares its name with a base interface table, except for the trailing “_X”. You must define the columns for the extension tables if you choose to use them.

- GML_GASNO_SHIPMENTS_X
- GML_GASNO_SHIPMENT_TEXT_X
- GML_GASNO_ORDERS_X
- GML_GASNO_ORDER_CHARGES_X
- GML_GASNO_ORDER_TEXT_X
- GML_GASNO_DETAILS_X
- GML_GASNO_DETAIL_CHARGES_X
- GML_GASNO_DETAIL_TEXT_X
- GML_GASNO_DETAIL_ALLOCATIONS_X

Views

The following views are used to extract ship notice data from OPM Order Fulfillment tables.

- GML_GASNO_SUM_V
- GML_GASNO_SHIPMENTS_V
- GML_GASNO_SHIPMENT_TEXT_V
- GML_GASNO_ORDERS_V
- GML_GASNO_ORDER_CHARGES_V
- GML_GASNO_ORDER_TEXT_V
- GML_GASNO_DETAILS_V
- GML_GASNO_DETAIL_CHARGES_V
- GML_GASNO_DETAIL_TEXT_V
- GML_GASNO_DETAIL_ALLOCATIONS_V

Running the EDI Ship Notice / Manifest Outbound Extract Program

Prerequisites

- Create the outbound file directory and update the INIT.ORA file.
- Define the ECE: Output file path profile option.
- Define trading partner data and enable EDI transactions for the trading partner.
- Define code conversions.
- Customize data file layout, if necessary.

To run the EDI Ship Notice / Manifest outbound extract program:

1. Navigate to the Extract Program window.
2. Select Single Request to submit an individual request.
3. Select the OPM Advanced Ship Notice Out (856/DESADV) transaction.
4. In the Parameters window, enter the following selection criteria:
 - Specify an output data file name if you are not using the default
 - Enter the OPM Organization Code

- n Enter Shipment numbers From and To (optional)
 - n Enter Creation dates From and To (optional)
 - n Enter the customer name (optional)
 - n Enter a debug option - 0, 1,2, or 3
5. When finished, choose OK in the Parameters window.
 6. Enter schedule options to schedule the request.
 7. Enter completion options.
 8. Choose Submit and make a note of the Request ID returned.

Outbound Ship Notice Data File Organization

The data file produced by this transaction consists of nine levels of data, grouped into shipments, orders, details, and allocations.

Each ship notice transaction contains one set of records at the header level, including departure data, delivery data, and applicable flexfields.

Each item may have a set of item detail records for the lot numbers, and a set of allowance and charge records, if they apply.

The output file is structured as follows:

- n Shipments
- n Shipment Text
- n Sales Orders
- n Sales Order Charges
- n Sales Order Text
- n Sales Order Details
- n Sales Order Detail Charges
- n Sales Order Detail Text
- n Sales Order Detail Allocations

Summary Tables

The following tables provide a summary description of the data file:

Record Summary

Data	Rec	Record Layout	Record Layout Qualifier
Communication Method	0010	CT	CTL
Test Indicator	0010	CT	CTL
Document ID	0010	CT	CTL
Document Purpose Code	0010	CT	CTL
Document Code	0010	CT	CTL
TP Translator Code	0010	CT	CTL
TP Location Code	0010	CT	CTL
TP Gateway Description	0010	CT	CTL
TP Gateway Reference 1	0010	CT	CTL
TP Gateway Reference 2	0010	CT	CTL
Transaction Date/Time	0010	CT	CTL
Document Control Number	0010	CT	CTL
Document Standard	(blank)	CT	CTL
Transaction Control 1-3	(blank)	CT	CTL
Trans Header Attributes	0020	(blank)	(blank)
Trans Header Attribute Category	0020	A1	TH1
Trans Header Attributes 1-4	0020	A1	TH1
Trans Header Attribute 5-9	0030	A2	TH2
Trans Header Attribute 10-14	0040	A2	TH3
Trans Header Attribute 15	0050	A2	TH4
Trans Detail Attribute Category	0060	A1	TD1
Trans Detail Attribute 1-4	0060	A1	TD1
Trans Detail Attribute 5	0070	A2	TD2
Order Number	1000	OA	OA1
Organization Code	1000	OA	OA1
Order Comment	1000	OA	OA1

Data	Rec	Record Layout	Record Layout Qualifier
Order Status	1000	OA	OA1
Purchase Order Number	1000	OA	OA1
Sales Order Date	1000	OA	OA1
Freight Terms Code (Int)	1000	OA	OA1
Freight Terms Code (Ext1-5)	1000	OA	OA1
Freight Terms Description	1000	OA	OA1
Embarkation Port (Int)	1000	OA	OA1
Embarkation Port (Ext1-5)	1000	OA	OA1
Embarkation Port Description	1000	OA	OA1
Debarkation Port (Int)	1000	OA	OA1
Debarkation Port (Ext1-5)	1000	OA	OA1
Debarkation Port Description	1000	OA	OA1
FOB Code (Int)	1010	OB	OB1
FOB Code (Ext1-5)	1010	OB	OB1
FOB Name	1010	OB	OB1
Shipper Code (Int) (Ship Method Code/Carrier)	1010	OB	OB1
Shipper Code(Ext1-5) (Ship Method Code)	1010	OB	OB1
Shipper Name	1010	OB	OB1
Shipper Mthd (Int) (Ship Method Code/Carrier)	1010	OB	OB1
Shipper Mthd(Ext1-5) (Ship Method Code)	1010	OB	OB1
Shipper Mthd Description	1010	OB	OB1
Bill to Cust Code (Int)	1020	OC	OC1
Bill to Cust Code (Ext1-5)	1020	OC	OC1
Bill to Name	1020	OC	OC1
Bill to Cust Address Line 1	1020	OC	OC1
Bill to Cust Address Line 2	1020	OC	OC1
Bill to Cust Address Line 3	1020	OC	OC1

Data	Rec	Record Layout	Record Layout Qualifier
Bill to Cust Address Line 4	1020	OC	OC1
Bill to Cust Postal Code	1030	OD	OD1
Bill to Cust Country (Int)	1030	OD	OD1
Bill to Cust Country (Ext1-5)	1030	OD	OD1
Bill to Cust State (Int)	1030	OD	OD1
Bill to Cust State (Ext1-5)	1030	OD	OD1
Bill to Cust Province (Int)	1030	OD	OD1
Bill to Cust Province (Ext1-5)	1030	OD	OD1
Bill to Cust County	1030	OD	OD1
Bill to Cust Contact Last Name	1030	OD	OD1
Bill to Cust Contact First Name	1030	OD	OD1
Bill to Cust Contact Job Title	1030	OD	OD1
Bill to Cust Area Code	1030	OD	OD1
Bill to Cust Telephone Number	1030	OD	OD1
Ship to Cust Code (Int)	1040	OC	OC2
Ship to Cust Code (Ext1-5)	1040	OC	OC2
Ship to Name	1040	OC	OC2
Ship to Cust Address Line 1	1040	OC	OC2
Ship to Cust Address Line 2	1040	OC	OC2
Ship to Cust Address Line 3	1040	OC	OC2
Ship to Cust Address Line 4	1040	OC	OC2
Ship to Cust Postal Code	1050	OC	OC2
Ship to Cust Country (Int)	1050	OC	OC2
Ship to Cust Country (Ext1-5)	1050	OC	OC2
Ship to Cust State (Int)	1050	OD	OD2
Ship to Cust State (Ext1-5)	1050	OD	OD2
Ship to Cust Province (Int)	1050	OD	OD2

Data	Rec	Record Layout	Record Layout Qualifier
Ship to Cust Province (Ext1-5)	1050	OD	OD2
Ship to Cust County	1050	OD	OD2
Ship to Cust Contact Last Name	1050	OD	OD2
Ship to Cust Contact First Name	1050	OD	OD2
Ship to Cust Contact Job Title	1050	OD	OD2
Ship to Cust Area Code	1050	OD	OD2
Ship to Cust Telephone Number	1050	OD	OD2
Order Ship Address Line 1	1060	OE	OE1
Order Ship Address Line 2	1060	OE	OE1
Order Ship Address Line 3	1060	OE	OE1
Order Ship Address Line 4	1060	OE	OE1
Order Ship Address Postal Code	1060	OE	OE1
Order Ship Address Country (Int)	1060	OE	OE1
Order Ship Address Country (Ext1-5)	1060	OE	OE1
Order Ship Address State (Int)	1060	OE	OE1
Order Ship Address State (Ext1-5)	1060	OE	OE1
Order Ship Address Province (Int)	1060	OE	OE1
Order Ship Address Province (Ext1-5)	1060	OE	OE1
Order Ship Address County	1060	OE	OE1
EDI Trans Count	1070	OF	OF1
Print Count	1070	OF	OF1
Date Printed	1070	OF	OF1
Date Created	1070	OF	OF1
Date Modified	1070	OF	OF1
From Warehouse	1080	OG	OG1
From Warehouse Name	1080	OG	OG1
From Warehouse Contact	1080	OG	OG1

Data	Rec	Record Layout	Record Layout Qualifier
From Warehouse Telephone Number	1080	OG	OG1
From Warehouse Address Line 1	1080	OG	OG1
From Warehouse Address Line 2	1080	OG	OG1
From Warehouse Address Line 3	1080	OG	OG1
From Warehouse Address Line 4	1080	OG	OG1
From Warehouse Postal Code	1090	OH	OH1
From Warehouse Country (Int)	1090	OH	OH1
From Warehouse Country (Ext1-5)	1090	OH	OH1
From Warehouse State (Int)	1090	OH	OH1
From Warehouse State (Ext1-5)	1090	OH	OH1
From Warehouse Province (Int)	1090	OH	OH1
From Warehouse Province (Ext1-5)	1090	OH	OH1
From Warehouse County	1090	OH	OH1
Order Header Attribute Category	1100	A1	OH1
Order Header Attribute 1-4	1100	A1	OH1
Order Header Attribute 5-9	1110	A2	OH2
Order Header Attribute 10-14	1120	A2	OH3
Order Header Attribute 15-19	1130	A2	OH4
Order Header Attribute 20-24	1140	A2	OH5
Order Header Attribute 25-29	1150	A2	OH6
Order Header Attribute 30	1160	A2	OH7
Document Control Number	1400	AC	OAC
SAC Indicator Code (Int)	1400	AC	OAC
SAC Indicator Code (Ext1-5)	1400	AC	OAC
SAC Code (Int)	1400	AC	OAC
SAC Code (Ext1-5)	1400	AC	OAC
SAC Method Code (Int)	1400	AC	OAC

Data	Rec	Record Layout	Record Layout Qualifier
SAC Method Code (Ext1-5)	1400	AC	OAC
SAC Line Amount	1400	AC	OAC
SAC Rate	1400	AC	OAC
SAC Unit Amount	1400	AC	OAC
SAC Unit of Measure	1400	AC	OAC
SAC Quantity	1400	AC	OAC
SAC Description	1400	AC	OAC
Order Header Text	1500	(blank)	(blank)
Document Control Number	1500	NT	ONT
Text Language Code (Int)	1500	NT	ONT
Text Language Code (Ext1-5)	1500	NT	ONT
Text Paragraph Code (Int)	1500	NT	ONT
Text Paragraph Code (Ext1-5)	1500	NT	ONT
Text Sub-Paragraph	1500	NT	ONT
Text Line Number	1500	NT	ONT
Text	1500	NT	ONT
Line Status	3000	DA	DA1
Ship Status	3000	DA	DA1
Sales Order Line Number	3000	DA	DA1
Sales Order Line Revision Count	3000	DA	DA1
Sales Order Line Creation Date	3000	DA	DA1
Sales Order Line Modified Date	3000	DA	DA1
Sales Order Line Actual Ship Date	3000	DA	DA1
Sales Order Line Requested Ship Date	3000	DA	DA1
Sales Order Line Promised Ship Date	3000	DA	DA1
Sales Order Line Scheduled Ship Date	3000	DA	DA1
Sales Order Line Actual Delivery Date	3000	DA	DA1

Data	Rec	Record Layout	Record Layout Qualifier
Sales Order Line Required Delivery Date	3000	DA	DA1
Sales Order Line Hold Expiration Date	3000	DA	DA1
Sales Order Line Exported To Financials Date	3000	DA	DA1
Sales Order Line Comment	3000	DA	DA1
Order Detail Attribute Category	3010	A1	DZ1
Order Detail Attribute 1-4	3010	A1	DZ1
Order Detail Attribute 5-9	3020	A2	DZ2
Order Detail Attribute 10-14	3030	A2	DZ3
Order Detail Attribute 15-19	3040	A2	DZ4
Order Detail Attribute 20-24	3050	A2	DZ5
Order Detail Attribute 25-29	3060	A2	DZ6
Order Detail Attribute 30	3070	A2	DZ7
Shipment Method of Payment Code (Int)	3080	DB	DB1
Shipment Method of Payment Code (Ext1-5)	3080	DB	DB1
Vendor Currency Code (Int)	3080	DB	DB1
Vendor Currency Code (Ext1-5)	3080	DB	DB1
Customer Currency Code (Int)	3080	DB	DB1
Customer Currency Code (Ext1-5)	3080	DB	DB1
Hold Reason Code (Int)	3080	DB	DB1
Hold Reason Code (Ext1-5)	3080	DB	DB1
Conversion Rate	3080	DB	DB1
Ship to Cust Code (Int)	3090	DC	DC1
Ship to Cust Code (Ext1-5)	3090	DC	DC1
Ship to Name	3090	DC	DC1
Ship to Cust Address Line 1	3090	DC	DC1
Ship to Cust Address Line 2	3090	DC	DC1
Ship to Cust Address Line 3	3090	DC	DC1

Data	Rec	Record Layout	Record Layout Qualifier
Ship to Cust Address Line 4	3090	DC	DC1
Ship to Cust Postal Code	3100	DD	DD1
Ship to Cust Country (Int)	3100	DD	DD1
Ship to Cust Country (Ext1-5)	3100	DD	DD1
Ship to Cust State (Int)	3100	DD	DD1
Ship to Cust State (Ext1-5)	3100	DD	DD1
Ship to Cust Province (Int)	3100	DD	DD1
Ship to Cust Province (Ext1-5)	3100	DD	DD1
Ship to Cust County	3100	DD	DD1
Ship to Cust Contact Last Name	3100	DD	DD1
Ship to Cust Contact First Name	3100	DD	DD1
Ship to Cust Contact Job Title	3100	DD	DD1
Ship to Cust Area Code	3100	DD	DD1
Ship to Cust Telephone Number	3100	DD	DD1
Net Weight	3110	DE	DE1
Tare Weight	3110	DE	DE1
Pallet Weight	3110	DE	DE1
Freight Bill Weight	3110	DE	DE1
Weight UOM (Int)	3110	DE	DE1
Weight UOM (Ext1-5)	3110	DE	DE1
Volume	3110	DE	DE1
Volume UOM (Int)	3110	DE	DE1
Volume UOM (Ext1-5)	3110	DE	DE1
Order Quantity 1	3110	DE	DE1
Ship Quantity 1	3110	DE	DE1
Quantity 1 UOM (Int)	3110	DE	DE1
Quantity 1 UOM (Ext1-5)	3110	DE	DE1

Data	Rec	Record Layout	Record Layout Qualifier
Order Quantity 2	3110	DE	DE1
Ship Quantity 2	3110	DE	DE1
Quantity 2 UOM (Int)	3110	DE	DE1
Quantity 2 UOM (Ext1-5)	3110	DE	DE1
Item	3120	DF	DF1
Item Description	3120	DF	DF1
Customer Item	3120	DF	DF1
Line Description	3120	DF	DF1
To Warehouse	3120	DF	DF1
To Warehouse Name	3120	DF	DF1
Price Reason Code (Int)	3130	DG	DG1
Price Reason Code (Ext1-5)	3130	DG	DG1
Price Reason Description	3130	DG	DG1
Base Price	3130	DG	DG1
Net Price	3130	DG	DG1
Extended Price	3130	DG	DG1
List Price	3130	DG	DG1
System Price	3130	DG	DG1
Net Tax	3130	DG	DG1
Bill Quantity	3130	DG	DG1
From Warehouse (From first Detail)	3140	DH	DH1
From Warehouse Name	3140	DH	DH1
From Warehouse Contact	3140	DH	DH1
From Warehouse Telephone Number	3140	DH	DH1
From Warehouse Address Line 1	3140	DH	DH1
From Warehouse Address Line 2	3140	DH	DH1
From Warehouse Address Line 3	3140	DH	DH1

Data	Rec	Record Layout	Record Layout Qualifier
From Warehouse Address Line 4	3140	DH	DH1
From Warehouse Postal Code	3150	DI	DI1
From Warehouse Country (Int)	3150	DI	DI1
From Warehouse Country (Ext1-5)	3150	DI	DI1
From Warehouse State (Int)	3150	DI	DI1
From Warehouse State (Ext1-5)	3150	DI	DI1
From Warehouse Province (Int)	3150	DI	DI1
From Warehouse Province (Ext1-5)	3150	DI	DI1
From Warehouse County	3150	DI	DI1
Document Control Number	3400	AC	DAC
SAC Indicator Code (Int)	3400	AC	DAC
SAC Indicator Code (Ext1-5)	3400	AC	DAC
SAC Code (Int)	3400	AC	DAC
SAC Code (Ext1-5)	3400	AC	DAC
SAC Method Code (Int)	3400	AC	DAC
SAC Method Code (Ext1-5)	3400	AC	DAC
SAC Line Amount	3400	AC	DAC
SAC Rate	3400	AC	DAC
SAC Unit Amount	3400	AC	DAC
SAC Unit of Measure	3400	AC	DAC
SAC Quantity	3400	AC	DAC
SAC Description	3400	AC	DAC
Dtl Text	3500	(blank)	(blank)
Document Control Number	3500	NT	DNT
Text Language Code (Int)	3500	NT	DNT
Text Language Code (Ext1-5)	3500	NT	DNT
Text Paragraph Code (Int)	3500	NT	DNT

Data	Rec	Record Layout	Record Layout Qualifier
Text Paragraph Code (Ext1-5)	3500	NT	DNT
Text Sub-Paragraph	3500	NT	DNT
Text Line Number	3500	NT	DNT
Text	3500	NT	DNT
Lot Number	3600	AL	AL1
Vendor Lot Number	3600	AL	AL1
Sub Lot Number	3600	AL	AL1
Lot Description	3600	AL	AL1
Lot Status	3600	AL	AL1
Lot Status Description	3600	AL	AL1
Lot Location	3600	AL	AL1
Lot Location Description	3600	AL	AL1
Lot QC Grade	3600	AL	AL1
Lot QC Grade Description	3600	AL	AL1
Lot Reason Code	3600	AL	AL1
Lot Creation date	3600	AL	AL1
Lot Expiration date	3600	AL	AL1
Lot Quantity 1	3600	AL	AL1
Lot UOM 1 (Int)	3600	AL	AL1
Lot UOM 1 (Ext1-5)	3600	AL	AL1
Lot Quantity 2	3600	AL	AL1
Lot UOM 2 (Int)	3600	AL	AL1
Lot UOM 2(Ext1-5)	3600	AL	AL1

Compiling ar60runb

In order to generate an MSDS in Regulatory Management and the Certificate of Analysis/Conformance in New Product Development in PDF format, it is necessary to create ar60runb.

Note: With Maintenance Pack 11.5.7, ar60runb is compiled automatically. Use these instructions if you encounter an error.

Perform the following steps:

1. Perform a recursive chown from applrt to appldev.
2. `asu appldev`
3. `chenv db 8.0.6 local`
4. `cd <directory where the application is installed>`
5. `ksh`
6. `. APPLSYS.env`
7. `cd $FND_TOP/bin`
8. `adrelink.sh force=y 'fnd ar60runb'`

You may encounter the following errors (Duplicate symbols):

```
/reports60/lib/rxbstubs.o and
/r01/apps/oracle8i/product/8.0.6/lib//libde60.a(deuis.o)
/usr/ccs/bin/ld: Duplicate symbol "deuissyscontext" in files
/r01/apps/oracle8i/product/8.0.6/reports60/lib/rxbstubs.o and
/r01/apps/oracle8i/product/8.0.6/lib//libde60.a(deuis.o)
/usr/ccs/bin/ld: Duplicate symbol "deuisrefresh" in files
/r01/apps/oracle8i/product/8.0.6/reports60/lib/rxbstubs.o and
```

```
/r01/apps/oracle8i/product/8.0.6/lib//libde60.a(deuis.o)
/usr/ccs/bin/ld: Duplicate symbol "deuiscurlineupdate" in files
/r01/apps/oracle8i/product/8.0.6/reports60/lib/rxbstubs.o and
/r01/apps/oracle8i/product/8.0.6/lib//libde60.a(deuis.o)
/usr/ccs/bin/ld: Duplicate symbol "deuisget" in files
/r01/apps/oracle8i/product/8.0.6/reports60/lib/rxbstubs.o and
/r01/apps/oracle8i/product/8.0.6/lib//libde60.a(deuis.o)
/usr/ccs/bin/ld: Duplicate symbol "deuisdestroy" in files
/r01/apps/oracle8i/product/8.0.6/reports60/lib/rxbstubs.o and
/r01/apps/oracle8i/product/8.0.6/lib//libde60.a(deuis.o)
/usr/ccs/bin/ld: Found 13 duplicate symbol(s)
*** Error exit code 1
```

The functions that ld is erroring on are defined twice. For instance, function deuficlone is defined once in rxbstubs.o and once in deufi.o (which is archived in \$OH/lib/libde60.a).

Perform the following steps to fix these errors:

1. Modify the ins_reports60w.mk in \$ORACLE_HOME/reports60/lib and comment out the following lines:
 - #RUNMOBJ = \$(REPORT_HOME)/lib/rxbstubs.o
 - #RUNSTUB = \$(REPORT_HOME)/lib/rxbstubs.o and
2. Perform the relinking
 - adrelink.sh "force=y" "fnd ar60runb"

Profile Options

This section contains a comprehensive list of all the profile options for OPM. You can set up all profile options prior to your implementation. Refer to the other product user's guides for more details on how these products use these profile options. Your System Administrator sets user profile options at one or more of the following levels: Site, Application, Responsibility, and User. Use the Personal Profile Options window to view or set your profile options at the user level. Consult the *Oracle Applications System Administrator's Guide* for a list of profile options common to all Oracle Applications.

OPM System Administration

GMA:Address

Default

30

Options

An integer between 1 and 70.

Description

Specifies the address line length.

Recommended Change Levels

Site, Application, Responsibility, User

GMA:All

Default

ALL

Options

ALL

Description

This value is used in a table to denote all rows in a table.

Recommended Change Levels

None

GMA:Default Language

Default

ENG

Options

Any language code defined in Oracle OPM.

Description

Specifies the default language that is used when accessing messages and labels from the sy_mesg_tbl and sy_labl_tbl tables respectively.

The language code specified in Default Language is also used by the code when accessing messages and labels from their respective tables.

This must be loaded from tran.ini.

Recommended Change Levels

Site, Application, Responsibility, User

GMA:New**Default**

NEW

Options

NEW

Description

This defines a name to indicate that you are creating a new document, such as a batch or a purge.

Recommended Change Levels

Site

GMA:Now**Default**

NOW

Options

Any valid batch queue.

Description

Specifies the default string value that indicates to the system that a batch processing job is to be run immediately.

When the Now value is input in proper case format to the Start Date field of windows in MRP, cost rollup, actual costing and subledger processing, the value is displayed and the batch process starts running immediately.

Recommended Change Levels

Not currently used

GMA:Default Organization

Default

HQ

Options

Any valid organization

Description

This is the default organization for the current session of OPM.

Recommended Change Levels

Site, Application, Responsibility, User

GMA:Workflow Delimiter

Default

#

Options

#

Description

Generic Role Association Resolution Delimiter

Recommended Change Levels

Site

GMA:Minimum Date**Default**

YYYY/MM/DD

Options

Any valid date and time that is valid for the current operating system.

Description

This defines the default maximum date/time code used for date calculations.

Recommended Change Levels

Site

GMA:Maximum Date**Default**

YYYY/MM/DD

Options

Any valid date and time that is valid for the current operating system.

Description

This defines the default maximum date/time code used for date calculations.

Recommended Change Levels

Site

GMA:CPG Install

Default

0

Options

0=No

1=Yes

Description

This identifies if this implementation is supporting the CPG configuration.

Recommended Change Levels

Site

OPM Product Development

GMD: Allow Zero Ingredient Qty

Default

0 (No)

Options

0 = No

1 = Yes

2 = Allow with warning

Description

This profile option lets you save formula ingredients with a zero quantity. If the profile is set to Yes, then ingredients are allowed with zero quantity. If the profile is set to No, then ingredients are not allowed with zero quantity and an error displays if you enter a zero quantity for ingredient. If the profile is set to Allow with warning, then you can enter an ingredient with zero quantity and a warning message displays. If you accept, then you can proceed with creating a formula.

Recommended Change Levels

Site

GMD: Automatic Generation Of Step Dependency Attributes

Default

0 (No)

Options

0 = No

1 = Yes

Description

Determines whether step dependency attributes are automatically generated in the Routing Designer.

Recommended Change Levels

Site

GMD: Automatic Step Number Generation

Default

0 (No)

Options

0 = No

1 = Yes

Description

Determines whether to generate step number automatically when adding a step in the Routing Designer.

Recommended Change Levels

Site

GMD: Default Dependency Type

Default

0 (End-to-Start)

Options

0 = End-to-Start

1 = Finish-to-Start

Description

This profile option indicates the default dependency type to use when the auto generation of step dependency attributes is turned on.

Recommended Change Levels

Site

GMD: Designer Category Set**Default**

Blank

Options

A valid Category Set.

Description

Categories for this category set display in the Item Master list.

Recommended Change Levels

Site

GMD: Designer Display New Item Window**Default**

1 (Yes)

Options

0 = No

1 = Yes

Description

This profile option is used to display the New Item window when adding a new item to the formula.

Recommended Change Levels

Site

GMD: Display Step Qty In Routing Graph**Default**

1 (Yes)

Options

0 = No

1 = Yes

Description

This profile option is used to display step quantity in the Routing Step Dependency graph.

Recommended Change Levels

Site

GMD: Display Transfer Pct In Routing Graph

Default

1 (Yes)

Options

0 = No

1 = Yes

Description

This profile option is used to display transfer percentage in the Routing Step Dependency graph.

Recommended Change Levels

Site

GMD: Display Transfer Qty In Routing Graph

Default

1 (Yes)

Options

0 = No

1 = Yes

Description

This profile option is used to display transfer quantity in the Routing Step Dependency graph.

Recommended Change Levels

Site

GMD: Enforce Step Dependency**Default**

0 (No)

Options

0 = No

1 = Yes

Description

This profile option determines whether step dependencies will be required.

Recommended Change Levels

Site

Default

Blank

Options

A valid Category Set.

Description

This profile option lets you aggregate a group of technical parameters for an item and organization combination. When you enter a valid category set for this profile option, it is displayed as the default Category on the Technical Parameter Sequences window.

Recommended Change Levels

Site

GMD: Technical Parameter Category Set

Default

Blank

Options

A valid Category Set.

Description

This profile option lets you aggregate a group of technical parameters for an item and organization combination. When you enter a valid category set for this profile option, it is displayed as the default Category on the Technical Parameter Sequences window.

Recommended Change Levels

Site

GMD:QC Grade (Obsolete for 11.5.10, OPM Family Pack K)

Default

No Default

Options

Any valid Grade

Description

Default QC Grade

Recommended Change Levels

Site, Application, Responsibility, User

GMD:Effective Maximum Date

Default

2010/01/01

01:01:01

Options

Any valid date and time that is valid for the current operating system. This must take the format of YYYY/MM/DD HH24:MI:SS.

Description

Specifies the formula effective default end date. This value defines the end of the date range.

Recommended Change Levels

Site

GMD:Effective Minimum Date**Default**

1990/01/01

01:01:01

Options

Any valid date and time that is valid for the current operating system. This must take the format of YYYY/MM/DD HH24:MI:SS.

Description

Specifies the formula effective default start date. This value defines the start of the date range.

Recommended Change Levels

Site

GMD:Byproduct Active**Default**

1 (Yes)

Options

1=Yes

2=No

Description

Determines whether you can enter byproducts in a formula (that is, whether you can access the Formula By-Products window).

Recommended Change Levels

Site

GMD: Default Consumption/Yield Type

Default

0

Options

0 = Automatic

1 = Manual

2 = Incremental

Description

Set to 0, Automatic, for automatic consumption of ingredients and automatic yield of products and byproducts.

Set to 1, Manual, to have any inserted ingredients default to manual consumption and inserted products and byproducts to default to manual yield.

Set to 2, Incremental, to have any inserted items default to incremental consumption or incremental yield. This setting is required for incremental backflushing.

Recommended Change Levels

Site

GMD:Scrap Factor Type

Default

REQUIREMENT RATIO. NOT CURRENTLY USED

Options

NOT CURRENTLY USED

Description

Specifies that scrap factor is entered as a decimal percent.

Recommended Change Levels

NOT CURRENTLY USED

GMD:Yield Type**Default**

MASS

Options

A valid unit of measure type.

Description

Specifies the unit of measure type which OPM uses when item quantities must be converted to a common unit of measure for scaling, theoretical yield, and total output quantity.

If you change this to a different unit of measure type, make sure that you have first defined that unit of measure type on the UOM Type window.

Recommended Change Levels

Site

GMD:Density**Default**

DENSITY

Options

N/A

Description

Sets the literal that displays for the density technical parameter.

Recommended Change Levels

Site

GMD:UOM Mass Type

Default

MASS

Options

A valid unit of measure type.

Description

Specifies the unit of measure type from which the unit of measure for the density parameter is taken.

If you change this to a different unit of measure type, you must first define that type on the UOM Type window.

Recommended Change Levels

Site

GMD:UOM Volume Type

Default

VOL

Options

VOL

Description

Not currently used.

Recommended Change Levels

Not currently used.

GMD:Exact Specification Match**Default**

0 (No)

Options

0 = No

1 = Yes

Description

This profile option determines whether the specification retrieved must match the sample source information precisely. It is considered when using the Get Spec function on a sample and is excluded from the customer specification matching capabilities through Oracle Order Management.

Recommended Change Levels

User

GMD:Display Specifications (Obsolete for 11.5.10, OPM Family Pack K)**Default**

1 (Yes)

Options

0 = No

1 = Yes

Description

Determines whether target specifications are displayed on the results entry window during results entry. For future use.

Recommended Change Levels

User

GMD: Formula Version Control

Default

N (No)

Options

Y = Yes, indicating full version control is active for formulas. Changes made to a formula require a new version. This excludes changes to formula status, mark for purge, edit text changes, and the undelete functionality.

N = No, indicating that version control is not active for formulas. Changes can be made to an existing formula without the need to change its version.

O = Optional, indicating that version control is discretionary for formulas. You are asked if you want to create a new version when you make a change to an existing formula version.

Description

This profile option sets the version control level for formulas.

Recommended Change Levels

Site

GMD: Recipe Version Control

Default

N (No)

Options

Y = Yes, indicating full version control is active for recipes. Changes made to the recipe header or organization specific details require a new version. This excludes changes to validity rules, step material association, recipe step quantities, customers, recipe status, mark for purge, edit text changes, and the undelete functionality.

N = No, indicating that version control is not active for recipes. Changes can be made to an existing recipe without the need to change its version.

O = Optional, indicating that version control is discretionary for recipes. You are asked if you want to create a new version when you make a change to an existing recipe version.

Description

This profile option sets the version control level for recipes.

Recommended Change Levels

Site

GMD: Routing Version Control**Default**

N (No)

Options

Y = Yes, indicating full version control is active for routings. Changes made to a routing require a new version. This excludes changes to routing status, mark for purge, edit text changes, and the undelete functionality.

N = No, indicating that version control is not active for routings. Changes can be made to an existing routing without the need to change its version.

O = Optional, indicating that version control is discretionary for routings. You are asked if you want to create a new version when you make a change to an existing routing version.

Description

This profile option sets the version control level for routings.

Recommended Change Levels

Site

GMD: Operation Version Control**Default**

N (No)

Options

Y = Yes, indicating full version control is active for operations. Changes made to an operation require a new version. This excludes changes to operation status, mark for purge, edit text changes, and the undelete functionality.

N = No, indicating that version control is not active for operations. Changes can be made to an existing operation without the need to change its version.

O = Optional, indicating that version control is discretionary for operations. You are asked if you want to create a new version when you make a change to an existing operation version.

Description

This profile option sets the version control level for operations.

Recommended Change Levels

Site

GMD: Workflow Timeout (in Days)

Default

No Default value

Options

Positive whole number of calendar days for the workflow timeout.

Description

This profile option is used to calculate the time interval for sending reminder notifications to an approver. The profile value entered is divided by 4 to get the time interval for reminder notifications in days, since only 4 notifications are sent. If this value is null, the application does not send a reminder notification to the approver. For example, if the value is set to 8, then the approver gets a reminder notification at two day intervals, since 8 divided by 4 equals 2. After the fourth notification, the user who initiates the request gets a notification indicating that the approver is not responding.

Recommended Change Levels

Site

GMD: User Name for ALL

Default

Blank

Options

Blank

A valid Oracle Applications user

Description

Left blank, there is no ability to define a security profile for all users in an organization.

Set to a valid Oracle Applications user, enables all users in an organization to gain the selected level of access. For example, create the user ALL, and enter it for this profile.

Recommended Change Levels

Site

GMD: Default Consumption/Yield Type**Default**

0 (Automatic)

Options

0 = Automatic, for automatic consumption of ingredients and automatic yield of products and byproducts.

1 = Manual, to have any inserted ingredients default to manual consumption and inserted products and byproducts default to manual yield. 2 = Incremental, to have any inserted items default to incremental consumption or incremental yield. This setting is required for incremental backflushing.

3 = Automatic By Step, for automatic consumption of ingredients as each step is released and automatic yield of products and byproducts as each step is completed.

Description

The profile option sets the default consumption or yield type for new lines added. Refer to the *Oracle Process Manufacturing Product Development User's Guide* for additional information.

Recommended Change Levels

Site

GMD: Default Lab Organization

Default

Lab

Options

Any valid laboratory organization defined in OPM System Administration.

Description

Defines the default laboratory for the Product Development application.

Recommended Change Levels

Site

GMD: Default Step Release Type

Default

2 (Automatic)

Options

1 = Manual

2 = Automatic

Description

The default for routing step release is Automatic. You can set the profile option to Manual if you want the step release type to default to Manual.

Recommended Change Levels

Site

GMD: Process Instruction Paragraph

Default

NULL

Options

User Defined

Description

This paragraph code is used to define process instructions using standard Text Editor functionality. Process Instructions entered in the Recipe Designer are stored against this paragraph code. The Recipe Designer only displays text with this paragraph code.

Recommended Change Levels

Site

GMD: Specification Version Control**Default**

N (No)

Options

Y = Yes, indicating full version control is active for specifications. Changes made to the specification header or organization specific details require a new version. This excludes changes to specification validity rules, mark for purge, edit text changes, and the undelete functionality.

N = No, indicating that version control is not active for specifications. Changes can be made to an existing specification without the need to change its version.

O = Optional, indicating that version control is discretionary for specifications. You can create a new version when you make a change to an existing specification version.

Description

This profile option sets the version control level for specifications.

Recommended Change Levels

Site

OPM Process Execution

GME: Default Actual Resource Usage

Default

NULL

Options

Yes = Resource actual usage defaults to the planned usage

No = Resource actual usage does not default to planned usage

NULL = Resource actual usage defaults to the planned usage

Description

This profile option is used when a step is completed and zero actual resource usage is entered.

If the Automatic Step Quantity Calculation (ASQC) indicator is not selected on the recipe where the batch was created, and no actual resource usage was entered, then this profile is used to determine whether the actual usage is set to the planned usage when the step is completed, or whether the actual usage should remain zero. This lets you base usage on the resource transactions, or actual usage that is entered. If no actual usage or resource transactions are entered, then the actual usage remains zero when the profile is set to No.

If the ASQC indicator is selected on the recipe where the batch was created, then the actual resource usage is calculated based on the step quantity as it is calculated from the materials associated to the step and materials flowing in from a previous step. The actual usage has no default value and is always calculated when the ASQC is used. Therefore, the profile option is not applicable in this case.

Recommended Change Levels

Site

GME: Allow Process Qty Less Than Min Capacity

Default

1 (Yes)

Options

1 = Yes

0 = No

Description

The GME: Allow Process Qty Less Than Min Capacity profile option lets you specify if batch creation should continue when resource process quantities fall below the minimum capacity of a resource.

Yes indicates to continue with the creation of the batch even though the resource quantities fall below the minimum capacity of the resource.

No indicates to stop the creation of the batch if resource quantities fall below the minimum capacity of the resource. An appropriate error message displays.

Recommended Change Levels

Site

GME: Copy Routing Text**Default**

1 (Yes)

Options

0 = No

1 = Yes

Description

Controls whether text entered on routings is copied to batches that are based on those routings.

Recommended Change Levels

Site, Application, Responsibility, User

GME: Step Controls Batch Status**Default**

1 (Yes)

Options

0 = No

1 = Yes

Description

Specifies whether step status controls the overall batch status.

No indicates that a batch step cannot be released until the batch is released. Completing the last batch step does not automatically complete the batch.

Yes indicates that releasing a batch step releases the batch. Completing the last batch step automatically completes the batch.

Recommended Change Levels

Site

GME:Allow Batch Creation from Input (Obsolete for 11.5.8, OPM Family Pack I)

Default

1 (Yes)

Options

0=No

1=Yes

Description

Controls whether you can create batches from the Batch Input window. If you set this to 1, the Create Batch/FPO dialog box will display if you enter a new batch number on the Batch Input window (for manual document numbering) or if you leave the Batch field blank (for automatic document numbering).

Recommended Change Levels

Site, Application, Responsibility, User

GME:Allow Batch Creation from Output (Obsolete for 11.5.8, OPM Family Pack I)

Default

1 (Yes)

Options

0=No

1=Yes

Description

Controls whether you can create batches from the Batch Output window. If you set this to 1, the Create Batch/FPO dialog box will display if you enter a new batch number on the Batch Output window (for manual document numbering) or if you leave the Batch field blank (for automatic document numbering).

Recommended Change Levels

Site, Application, Responsibility, User

GME:Auto-Release Allocated Quantity Only**Default**

0

Options

0 = actual quantity is set to the greater of planned quantity or actual quantity.

1 = actual quantity is set to the allocated quantity. If no allocations exist, then the actual quantity is set to the planned quantity.

Description

For auto-release ingredients, this specifies whether the actual quantity is set to the planned quantity or the allocated quantity when you release a batch.

Recommended Change Levels

Site, Application, Responsibility, User

GME:Check Inventory Shortage Upon Release (Obsolete for 11.5.8, OPM Family Pack I)**Default**

1 (Yes)

Options

0=No

1=Yes

Description

Controls whether inventory shortage checking is performed automatically when a batch is released.

Recommended Change Levels

Site, Application, Responsibility, User

GME:Check Inventory Shortage Upon Save

Default

1 (Yes)

Options

0=No

1=Yes

Description

Controls whether inventory shortage checking is performed automatically when a batch is saved.

Recommended Change Levels

Site, Application, Responsibility, User

GME:Check Lot Status (Obsolete for 11.5.8, OPM Family Pack I)

Default

1

Options

0 = No

1 = Yes

Description

Check lot status upon release.

Recommended Change Levels

Site, Application, Responsibility, User

GME:Copy Formula Text**Default**

1 (Yes)

Options

0=No

1=Yes

Description

Controls whether text entered on formulas is copied to batches based on those formulas.

Recommended Change Levels

Site, Application, Responsibility, User

GME:Use Auto-Allocation**Default**

1 (Yes)

Options

0=No

1=Yes

Description

Controls whether auto-allocation can be used.

Recommended Change Levels

Site, Application, Responsibility, User

OPM Financials

GMF: Actual Subledger Update Privilege

Default

Yes

Options

No

Yes

Description

This profile option lets you set the access control for running the Subledger Update process. This access control is applicable to the Subledger Control window and Subledger Update wrapper program.

If this profile value is set to yes, then the access control applies as follows:

- In the Subledger Control window, you can run the Subledger Update process. The Actions menu displays both the Test Subsidiary Ledger Update and Subsidiary Ledger Update options.
- When submitting the Subledger Update process using the OPM Subledger Update wrapper, then the list of values for the Test Subledger Update field displays values yes and no. Which means that the process can run the Subledger Update process as well as the Test Subledger Update process.

If the profile value is set to no, then:

- You can run only the Test Subledger Update process on the Subledger Control window. The Subsidiary Ledger Update option on the Actions menu is disabled.
- The Test Subledger Update field on the OPM Subledger Update wrapper parameters window, displays yes. In which case, only the Test Subledger Update process can be run.

Recommended Change Levels

Site

GMF: Allocation Size for GL Update**Default**

100,000

Options

None

Description

This profile options lets you specify number of rows the GL Update process must retrieves and process in a group. The default value is 100,000 rows.

Recommended Change Levels

Site

GMF:Enable Checks on Customer Master**Default**

N

Options

N = No

Y = Yes

Description

This profile option performs checks when entering Customers in AR depending on the profile value selected. This profile option is set to N at the site level by default, which indicates that no checks are performed when entering Customers in AR. To enable the check, set this profile option to Y at the appropriate level.

Recommended Change Levels

Site, Application, Responsibility, User

GMF:Synchronize Items to Child Organization (Obsolete for 11.5.7, OPM Family Pack H)

Default

Null

Options

Null

Yes - Replicates items to all inventory organizations linked to OPM and their master organizations

No - Replicates items to only the master organizations of the inventory organizations linked to OPM

Description

Controls the synchronization of items to the child inventory organizations linked to OPM. This profile option is only available at the site level. If the profile value is set to Yes, the Item trigger replicates the items to all inventory organizations that are linked to OPM and their master organizations. If the profile value is set to No, the Item trigger replicates the items to only the master organizations of the inventory organizations that are linked to OPM. In this case, you must manually assign the item to the child organization in Oracle Inventory.

Recommended Change Levels

Site

GMF:OF UOM Trimmed Character

Default

Not currently used.

Options

Not currently used.

Description

Not currently used.

Recommended Change Levels

Site, Application, Responsibility, User

GMF:Default Currency (OBSOLETE)**Default**

USD

Options

Any currency code defined in Oracle OPM.

Description

Specifies the default currency value used during cost rollups.

Recommended Change Levels

Site, Application, Responsibility, User

GMF:Actual Cost Process Error Limit**Default**

1000

Options

Any valid number

Description

Defines the number of AC Process generated errors at which the system aborts.

Recommended Change Levels

Site, Applications, Responsibility, User

GMF:Standard Cost Rollup Error Limit**Default**

1000

Options

Any valid number

Description

Defines the number of Rollup generated errors at which the system aborts.

Recommended Change Levels

Site, Applications, Responsibility, User

GMF:Commit Count in Subledger Posting

Default

1000

Options

Any valid number, preferably over 1000

Description

When the Subledger processes, it writes to the database when this number is reached.

Recommended Change Levels

Site, Applications, Responsibility, User

GMF:Log Trigger Errors

Default

1

Options

0 = No

1 = Yes

Description

This is used for the database triggers during synchronization. If yes, the triggers are logged into the exception table and can be viewed using View Exception Report. If no, then the errors are displayed to the window.

Recommended Change Levels

Site, Applications, Responsibility, User

GMF:Maximum Days to Backdate Inventory Transaction (Obsolete for 11.5.10, OPM Family Pack K)**Default**

730

Options

Any valid date range.

Description

Defines the maximum number of days to backdate an inventory transaction.

Recommended Change Levels

Site, Applications, Responsibility, User

GMF:Maximum Days to Roll Forward Conversion Rate**Default**

-1

Options

Any positive or negative integer.

Description

Defines the maximum number of days to roll forward the currency conversion rate.

Recommended Change Levels

Site, Applications, Responsibility, User

GMF:Transaction Type Mapping for AR Update

Default

0

Options

0

Description

Determines what effectivity type to use during Cost Rollup. This can affect cost calculations.

Recommended Change Levels

Site, Applications, Responsibility, User

GMF:Use Only Costing Validity Rules for Cost Rollup

Default

0

Options

0 or 1

Description

Determines what effectivity type (also known as validity rules) to use during the Cost Rollup process. This affects cost calculations. If the profile value is set to 0, then costing validity rules are used if available. Otherwise, the Cost Rollup process uses production validity rules. If the profile value is set to 1, then only costing validity rules are used.

Recommended Change Levels

Site

GMF:Actual Costing Maximum Iteration Limit for Circular Reference

Default

200

Options

200

Description

This sets the maximum number of iterations.

Recommended Change Levels

Site, Applications

GMF:Post Default Production Lots to Subledger**Default**

0

Options

0 or 1

Description

Provides options for posting default lots to subledger. If the profile value is set to 0, then default production lots are not posted to subledger. If the profile value is set to 1, then default lots are posted to subledger.

Recommended Change Levels

Site, Applications, Responsibility

GMF:Use OPM Revenue Account for AR Update**Default**

1

Options

0 = No

1 = Yes

Description

Use the OPM Revenue Account for AR Update. If the profile value is set to 0, then the OPM Revenue Account is not used for the AR Update process. If the profile value is set to 1, then the OPM Revenue Account is used for the AR Update process.

Recommended Change Levels

Site

GMF:User Ship Unit of Measure for AR Update

Default

1

Options

0 = No

1 = Yes

Description

Use Ship unit of measure for Invoice creation in OPM Order Fulfillment.

Recommended Change Levels

Site

GMF:Vendor Delimiter

Default

Hyphen, (-)

Options

Hyphen, (-)

Description

This profile option is used to determine the concatenation character for concatenating Vendor No. and Vendor Site for Vendor Synchronization. For example, the Oracle Financials Vendor Number is equal to DLX and Vendor Site is equal to NY. In OPM, Vendor Delimiter is equal to '-'. According to this example, the OPM Vendor Number is equal to DLX-NY.

Once the Vendor Delimiter constant is defined and vendors are synchronized, this constant value cannot be changed.

Recommended Change Levels

Site

GMF:Customer Delimiter

Default

Hyphen, (-)

Options

Hyphen, (-)

Description

This profile option is used to determine the concatenation character for concatenating Customer number and Customer Location for Customer Synchronization. For example, the Oracle Financials Customer Number is equal to DLX and Customer Location is equal to NY. In OPM, Customer Delimiter is equal to '-'. According to this example, the OPM Customer Number is equal to DLX-NY.

Once the Customer Delimiter constant is defined and customers are synchronized, this constant value cannot be changed.

Recommended Change Levels

Site

GMF:Include Receipts in Actual Cost

Default

1

Options

1 = Include receipts in cost calculation

0 = Exclude receipts in cost calculation

Description

This profile option controls the inclusion of receipt transactions in the Actual Cost calculation process. This profile option can have a value of either 1 or 0. The default value is 1. If the profile value is set to 1, then the Actual Cost process includes receipt transactions in cost calculations. If the profile value is set to 0, then the receipt transactions are not considered in the cost calculations.

Recommended Change Levels

Site, Application, Responsibility, User

GMF:Include Invoices in Actual Cost

Default

1

Options

1 = Include invoices in cost calculation

0 = Exclude invoices in cost calculation

Description

This profile option controls the inclusion of invoice transactions in the Actual Cost calculation process. This profile option can have a value of either 1 or 0. The default value is 1. If the profile value is set to 1, then the Actual Cost process includes invoice transactions in cost calculations. If the profile value is set to 0, then the invoice transactions are not considered in the cost calculations.

Recommended Change Levels

Site, Application, Responsibility, User

GMF:Copy Item Costs - Copy Recipe Information to Target

Default

N

Options

Y = Copy item costs and recipe information to target

N = Do not copy item costs and recipe information to target

Description

This profile option enables the copy item costs program to copy over recipe validity rule information to the target periods. This profile option can have a value of either Yes or No. If the profile value is set to Yes, then only the recipe validity rules are copied. The profile value is set to No at the site level.

Recommended Change Levels

Site, Application, Responsibility, User

GMF:Exclude Negative Inventory Balance**Default**

0

Options

1

0

Description

This profile option allows to ignore zero or negative beginning on-hand inventory during PMAC cost calculations. If the profile value is set to 0, then the actual cost process includes negative or zero onhand quantity in PMAC cost calculations. If the profile value is set to 1, then during the raw material and product cost calculations, the previous period balance and previous period component costs are considered zero for items having zero or negative beginning on-hand inventory quantity.

Recommended Change Levels

Site, Application, Responsibility, User

GMF:Exclude Invoices Which Have No Receipts**Default**

0

Options

1

0

Description

If this profile option is set to 1, the Actual Cost process ignores the invoices which do not have the receipts in the period for which the cost is being calculated.

Recommended Change Levels

Site, Application, Responsibility, User

GMF:Log All Subledger Variances

Default

No

Options

No = The subledger variances are not logged to the separate table and only one variance type is calculated as specified in the profile option, GMF: Subledger Variance Type.

Yes = The Subledger process calculates variances for all of the three variance types (Scale to Plan, Scale to Actual, Aggregate) and stores them in a separate table.

Description

This profile option calculates variances for all of the three variance types (Scale to Plan, Scale to Actual, Aggregate) and stores them in a separate table for analysis. Refer to the *Oracle Process Manufacturing Manufacturing Accounting Controller User's Guide* for additional information.

Recommended Change Levels

Site

GMF:Subledger Variance Type

Default

Scale to Plan

Options

Scale to Plan = Scale the costing formula to planned quantity of the primary product in the batch and compare with the actual batch.

Scale to Actual = Scale the costing formula to actual quantity of the primary product in the batch and compare with the actual batch.

Aggregate = Calculates Aggregate type variances.

Description

This profile option contains the variance type which the Subledger process uses to calculate and post variances for the production transactions. Specify any of the above mentioned variance types as a value. Refer to the *Oracle Process Manufacturing Manufacturing Accounting Controller User's Guide* for additional information.

Recommended Change Levels

Site

GMF:Costing Tolerance Percent

Default

0.000001

Options

Tolerance percent value

Description

This profile option is used to specify tolerance percentage for circular reference batches in Actual Costing. It fixes the percentage of the difference in cost between iterations that identifies if costs are converged or not. For example, if the tolerance percent is set as 0.01%, then during the iterative calculation, if the prior iteration and current iteration produce results that are within 0.01%, then costs are considered as converged.

Recommended Change Levels

Site, Application, Responsibility, User

GMF: Delete Ingredient Cost When No Effectivity Found

Default

Yes

Options

No = Does not delete the ingredient costs.

Yes = Deletes the ingredient costs when no effectivity is found.

Description

This profile option lets you specify whether the Cost Rollup process must delete or not delete the ingredient costs if no valid effectivities are found. Refer to the *Oracle Process Manufacturing Cost Management User's Guide* for additional information.

Recommended Change Levels

Site

GMF: Truncate state code to 4 bytes

Default

No

Options

No = Does not synchronize vendors if the code exceeds four bytes and logs a message.

Yes = Vendor Synchronization process truncates the state code to four bytes if it exceeds four bytes.

Description

This profile option lets you specify whether the Vendor Synchronization process must truncate the vendor code or not if it exceeds four bytes.

Recommended Change Levels

Site

GMF: Check Cross Validation Rules

Default

No

Options

No

Yes

Description

This profile option is used to perform the Cross Validation process when creating account mappings in the Account Mapping window. If the profile value is set to Yes, then the cross validation is performed. If the profile value is set to No, then the cross validation is not performed.

The Subledger Update process also uses the GMF: Check Cross Validation Rules profile option and performs the cross validation of account segments against the cross validation rules set up in Oracle General Ledger. If they do not conform to the cross validation rules, then an error displays. The transaction is not booked.

Recommended Change Levels

Site

OPM Inventory

GMI: User Lot Automation Routine

Default

0

Options

0 = Use Oracle provided routine; do not use user defined routine.

1 = Use user defined Automatic Lot routine; must use signature provided.

Description

The GMI: User Lot Automation Routine profile option lets you call a user defined automatic lot/sublot numbering routine instead of the Oracle provided routine, which restricts lot /sublot numbering to lot prefix/suffix, sublot prefix/suffix.

If you choose to call a lot automation routine other than the Oracle provided routine, then you are required to call the routine using the following routine name and signature:

```
gmi_user_autolot.user_lot_number(  
p_item_id,  
p_orgn_cde,  
p_doc_id,  
p_line_id,  
p_doc_type,  
p_u_out_lot_no,  
p_u_sublot_no,  
p_u_return_status);
```

Recommended Change Levels

Site

GMI: Lot Pad Indicator

Default

0

Options

0 = Do not pad lot with zeros

1 = Pad lot with zeros

Description

The GMI: Lot Pad Indicator profile option lets you pad the automatically generated lot number with zeros. The padded zeros follow the lot prefix and precede the lot suffix.

Recommended Change Levels

Site

GMI: Sublot Pad Indicator**Default**

0

Options

0 = Do not pad sublot with zeros

1 = Pad sublot with zeros

Description

The GMI: Sublot Pad Indicator profile option lets you pad the automatically generated sublot number with zeros. The padded zeros follow the sublot prefix and precede the sublot suffix.

Recommended Change Levels

Site

GMI: Max Lot Length**Default**

32

Options

Length cannot exceed 32 characters.

Description

The GMI: Max Lot Length profile option lets you specify the length of the automatically generated lot. Based upon the lot length value, the generated lot number includes the following:

- Lot prefix
- Lot suffix
- When the lot pad indicator is activated, the generated lot number is padded with the number of zeros equal to the sum of the lot prefix and suffix characters subtracted from the lot length

Recommended Change Levels

Site

GMI: Max Sublot Length

Default

32

Options

Length cannot exceed 32 characters.

Description

The GMI: Max Sublot Length profile option lets you specify the length of the automatically generated sublot. Based upon the sublot length value, the generated sublot number includes the following:

- Sublot prefix
- Sublot suffix
- When the lot pad indicator is activated, the generated lot number is padded with the number of zeros equal to the sum of the lot prefix and suffix characters subtracted from the lot length

Recommended Change Levels

Site

GMI: Allow Duplicate Count Entries**Default**

Null or No

Options

No or Null = Cannot save duplicate count entries.

Yes = Save duplicate count entries.

Description

The GMI: Allow Duplicate Count Entries profile option lets you enter and save a duplicate record for the same item/lot/location combination.

Recommended Change Levels

Site

GMI: Grant Inventory Transactions Viewing Access**Default**

No

Options

No = Viewing rights to transactions are restricted.

Yes = Viewing rights to transactions are unrestricted.

Description

The GMI: Grant Inventory Transactions Viewing Access profile option lets you view transactions associated with organizations for which you do not have access.

When the profile is set to Yes, you can view all transactions and items details through Transaction Inquiry, Item Inquiry, and Lot Genealogy windows.

Recommended Change Levels

Site

GMI: Allocate All Specified Lots

Default

No

Options

No = Over allocation is not supported. Quantity ordered is a consideration for lot allocations.

Yes = Over allocation is supported. All of the lots are allocated regardless of quantity ordered.

Description

The GMI: Allocate All Specified Lots profile option lets you indicate that each of the sublots associated with a given lot are allocated regardless of the quantity ordered. This feature supports over allocation as each of the sublots associated with the specified lots is allocated.

When this profile is set to Yes and the corresponding checkbox on the form is activated, the following applies:

- Each of the subplot fields is disabled. If subplot values are entered on the form, then these values are blanked out and the subplot fields disabled.
- The Lot/Sublot Always Indivisible checkbox is automatically checked.

Recommended Change Levels

Site

GMI: Lot/Sublot Always Indivisible

Default

No

Options

No = Lot indivisibility is not a consideration for allocation.

Yes = Indivisibility exists not only at the item/lot level but at the subplot level.

Description

The GMI: Lot/Sublot Always Indivisible profile option lets you indicate that lot indivisibility at the item/lot and subplot level are a consideration for allocation. Lot indivisibility is at the lot_id level.

Recommended Change Levels

Site

GMI: E-Signature Active**Default**

No

Options

No = E-Signature is not available for Item Creation/Update , continue with standard Oracle workflow process.

Yes = E-Signature is available for Item Creation/Update, Do not use with standard Oracle workflow processing for Item. They are mutually exclusive.

Description

The GMI: E-Signature Active profile option lets you specify the availability of E-Signatures for Item Master Creation/Update. When the E-Signature Active profile is set to Yes, the E-record functionality is available to you.

Recommended Change Levels

Site

GMI: Workflow Default Item Approver**Default**

None

Options

Valid system defined user.

Description

The GMI: Workflow Default Item Approver lets you specify the user through which workflow approval can be granted when the proper approval channels have not otherwise been set.

Recommended Change Levels

Site, Application, Responsibility, User

GMI:Physical Count Posting Method

Default

1 (Replacement Method)

Options

1 = Replacement Method

0 = Adjustment Method

Description

The GMI:Physical Count Posting Method profile option allows you to choose either the Replacement Method or the Adjustment Method as your physical count posting procedure. The following is a brief description of each method:

- Replacement Method: When posting a physical inventory, the current on-hand balance is used as the reversing transaction. The count entry is posted and becomes the new on-hand balance.
- Adjustment Method: When posting a physical inventory, the frozen on-hand balance is used as the reversing transaction. The count entry is posted, but the new on-hand balance reflects any additional transactions that may have been entered after the count was completed. This method accounts for transactions entered into the system after the count is completed but prior to its being posted.

Recommended Change Levels

Site

GMI:API Allow Inactive**Default**

0

Options

0 = preserves the previous API functionality wherein you could not transact against inactive items

1 = lets you transact against inactive items using the API

Description

Allows quantity transactions against inactive items or lots using the Inventory APIs.

Recommended Change Levels

Site, Application, Responsibility, User

GMI:Lot Status All (Obsolete)**Default**

0

Options

0 - user must enter 1 warehouse for status change to be effective in

1 - status change is effective for all warehouses.

Description

To determine if a mass status change is for one warehouse or all warehouses.

Recommended Change Levels

Site, Application, Responsibility, User

GMI:Bypass Sublot Warning

Default

0

Options

0 - warning message is displayed

1 - warning message will not be displayed

Description

To determine if warning is displayed if user does not enter a subplot on the quantities window.

Recommended Change Levels

Site, Application, Responsibility, User

GMI:ESS Installed (Obsolete)

Default

0

Options

1=Integrated

0=Not Integrated

Description

Indicate if IMI's ESS software is integrated with OPM for the CPG solution. If IMI's ESS software is integrated, then the value of this constant is set to 1. If IMI's ESS software is not integrated, then the value of this constant is set to 0. The default value is 0.

Recommended Change Levels

Site, Applications, Responsibility, User

GMI:ESS User (Obsolete)**Default**

Not currently used

Options

Not currently used

Description

Not currently used

Recommended Change Levels

Site, Applications, Responsibility, User

GMI:Allocation Horizon**Default**

0 (No)

Options

Numeric value in days

Description

For items with an allocation class, but no allocation parameters for the allocation class/warehouse combination, this specifies the number of days within which an ingredient must be scheduled to be consumed in order for auto-allocation to be attempted. If the ingredient is not scheduled to be consumed within this number of days, the system will not attempt auto-allocation.

Recommended Change Levels

Site, Applications, Responsibility, User

GMI:Allocation Method

Default

0 (FIFO)

Options

0 = FIFO

1 = FEFO

Description

For items with an allocation class, but no allocation parameters for the allocation class/warehouse combination, this specifies the allocation method, either First In, First Out (FIFO) or First Expired, First Out (FEFO).

Recommended Change Levels

Site, Applications, Responsibility, User

GMI:Allocation Type

Default

0 (User-Initiated)

Options

0 = User-Initiated

1 = Automatic

Description

For items with an allocation class, but no allocation parameters for the allocation class/warehouse combination, this specifies whether auto-allocation is fully automatic (occur when a batch is first saved) or user-initiated (user must initiate auto-allocation from a menu option).

Recommended Change Levels

Site, Applications, Responsibility, User

GMI:Allow Negative Inventory**Default**

0 (No)

Options

0=No

1=Yes

2= Yes, with warning

Description

Switch that controls whether or not negative inventory quantities can be driven on the Inventory Quantities window.

Recommended Change Levels

Site, Applications, Responsibility, User

GMI:Default Location**Default**

NONE

Options

Any valid character string

Description

Specifies the character string used for the default location.

Recommended Change Levels

Site

GMI:Default Lot

Default

DEFAULTLOT

Options

Any valid character string

Description

Specifies the character string used for the default lot.

Recommended Change Levels

Site

GMI:Epsilon

Default

.0001

Options

Numeric value

Description

Decimal precision filter.

Recommended Change Levels

Site, Applications, Responsibility, User

GMI:Experimental Check**Default**

0 (No)

Options

0=No

1=Yes

Description

Ref integ behavior when changing an item to experimental.

Recommended Change Levels

Site, Applications, Responsibility, User

GMI:Lot Quantity**Default**

0 (Multiple lots)

Options

0=Multiple lots

1=single lot

Description

For items with an allocation class, but no allocation parameters for the allocation class/warehouse combination, this specifies whether auto-allocation must fill the entire requirement from one lot, or whether multiple lots can be allocated.

Recommended Change Levels

Site, Applications, Responsibility, User

GMI:Check Allocation Upon Move (Replaced by GMI: Move Allocations)

Default

0 (No)

Options

0=Do not display message

1=Display message

Description

Removed for the following reasons:

In previous versions of OPM, the GMI: Check Allocation Upon Move profile option warned you of allocations that could be lost. If you chose to ignore this warning you could still move inventory, but you would have to re-enter allocations manually. In addition, you had to research and manually update these allocations to reflect the new locations. Failure to heed this warning could also have resulted in driving inventory negative at the original location, and required you to track locations manually in order to calculate on-hand quantities.

Recommended Change Levels

Site, Applications, Responsibility, User

GMI:Move Different Status

Default

0 (No)

Options

0-NOT ALLOWED - A lot cannot be moved into a location in which the lot already exists with a different status.

1- ALLOWED - A lot may be moved into a warehouse/location in which the lot also exists and has a different status. The entire quantity takes on the status of the lot in the destination location.

2 - NOT ALLOWED with exception - A lot may not be moved into a location in which the lot exists with a different status. The exception is when the onhand quantity at the destination location is 0. In this case, the inventory retains the status from the source location.

Description

Controls the movement of material between locations of different lot status.

Recommended Change Levels

Site, Applications, Responsibility, User

GMI:Shelf Days**Default**

0

Options

Numeric value

Description

For items with an allocation class, but no allocation parameters for the allocation class/warehouse combination, this specifies the number of days from the planned consumption date that a lot must be unexpired to be considered for auto-allocation. A lot that will expire within this number days will not be considered for auto-allocation.

Recommended Change Levels

Site, Applications, Responsibility, User

GMI:Physical Count Entry Reason Code**Default**

POST

Options

POST

Description

Default Reason Code for Physical Count Entry.

Recommended Change Levels

Site, Applications, Responsibility, User

GMI:Lot Expiry Interval

Default

7

Options

Any valid integer

Description

Lot Expiry integer.

Recommended Change Levels

Site, Applications, Responsibility, User

GMI:Lot Retest Interval

Default

7

Options

Any valid integer

Description

Lot Retest Interval.

Recommended Change Levels

Site, Applications, Responsibility, User

GMI: Lot Genealogy Delimiter**Default**

0

Options

Any character

Description

This variable supports an implementation override of the default delimiter which separates the Item Number, Lot Number, and Sublot Number when they appear in an indented hierarchy. The program has a default of ~ (tilde), but in the system profile, this can be changed to another character. The recommendation is that a character is chosen that will not be used within the Item Numbers, Lot Numbers, or Sublot Numbers. It is also best if the character is not easily mistaken for a character used in those fields.

Recommended Change Levels

Site, Applications, Responsibility, User

GMI: Move Allocations**Default**

0

Options

0 - Do not Update pending allocations for inventory movement transactions

1 - Update pending allocations for inventory movement transactions

Description

The GMI: Move Allocations profile along with the GMI: Move Different Status profile option enables you to control whether pending allocations are to be updated for inventory movement transactions.

When Move Immediate or Mass Move Immediate functions are used, lot controlled inventory that matches the entered criteria are moved to a new warehouse and specified location. Locations that are pending against this inventory will be updated to reflect the new inventory location.

Recommended

Site, Application, Responsibility, User

GMI: Workflow Item Hierarchy

Default

OPM

Options

OPM

HRMS

Description

OPM = The Oracle Process Manufacturing item hierarchy tables are used when sending an approval notification in the item activation workflow.

HRMS = The Oracle Human Resources position hierarchy is used when sending an approval notification in the item activation workflow.

Recommended Change Levels

Site

GMI: Default Transaction Date to Current Date/Time

Default

Yes

Options

Yes = The transaction date and time defaults to the current system date and time for the following functions:

- Create Immediate and Create Journal
- Adjust Immediate and Adjust Journal
- Grade Immediate and Grade Journal
- Status Immediate and Status Journal
- Move Immediate and Move Journal

No = The transaction date and time must be entered manually for the previously listed functions.

Description

This profile option lets you choose whether you want to have the default system date and time entered for transactions that create, adjust, change grade, change status, or move materials. If it is set to Yes, then the current system date and time default for these transactions. If it is set to No, then enter the date and time for these transactions. If this profile is not set (profile value is NULL), then the current system date and time is the default.

Recommended Change Levels

Site

GMI: Default Lot Description

Default

2 = Lot description is set to the item description from the item master table

Options

0 = Lot description is set to NULL

1 = Lot description is set to the item name from the item master table

2 = Lot description is set to the item description from the item master table

3 = Lot description is set to the warehouse item name from the item master table

Description

This profile lets you select how a lot description is entered when a new lot is created.

Recommended Change Levels

Site

GMI: Shelf Life Interval

Default

NONE

Options

Enter a default shelf life in days.

Description

The GMI: Shelf Life Interval profile enables the system to properly calculate the Expiry Date of the Lots in conjunction with the GMI: Shelf Days profile. Expiration date of a lot is equal to lot creation date plus the shelf life interval.

As such, auto allocate is based upon the value specified in the GMI: Shelf Days profile.

The value of this profile is defaulted in the Shelf Days field of the Grade Additional Information dialog box of the Item Master window when creating a new item.

Recommended Change Levels

Site, Application, Responsibility, User

OPM Logistics

GML: Enable Lot Specific Conversion

Default

No

Options

Yes

No

Description

This profile option lets you create lot-specific conversion while receiving. If the profile value is set to yes, then while receiving into OPM Inventory for a lot-controlled item when you create a new lot automatically, you are prompted whether to create lot specific conversions. Based on the input, the lot specific conversions are created in OPM. If the profile value is set to no, then lot specific conversions are not created.

Recommended Change Levels

Site, Applications, Responsibility, User

GML: Use Creation Date as Transaction Date

Default

No

Options

Yes

No

Description

While receiving, when a PORC transaction is created, the transaction date field does not have the time stamp. This profile option gives you the option to use the creation date as the transaction date to create the PORC transactions since the creation date has a time stamp. If the profile value is set to yes, then the creation date is used as

the transaction date if both dates are the same. If the transaction date is not same as the creation date, then the transaction date is used. If the profile value is set to no, then the transaction date from Oracle Purchasing is used which does not have a time stamp.

Recommended Change Levels

Site, Applications, Responsibility, User

GML: Restrict Lots for Picking

Default

0

Options

0

1

Description

This profile option lets you restrict lots and sublots shown for picking. If the profile value is set to 1, then a pop-up window displays. Enter lots and range of subplot numbers to restrict the lots and sublots displayed on the Picklots window. If the profile value is set to 0, then a list of available lots and sublots for picking displays.

Recommended Change Levels

Site, Applications, Responsibility, User

GML: Enable Return Option

Default

0

Options

0

1

Description

This profile option lets you enable the Returns option on the Tools menu. If the profile value is set to 1, then the Returns option is enabled. If this profile values is set to 0, then the Returns option is disabled.

Recommended Change Levels

Site, Applications, Responsibility, User

GML: Allocate Entire Qty2 with Qty1**Default**

0

Options

0

1

Description

This profile option lets you override item controls when allocating the entire lot quantity using the default quantity on shipments. If you set the profile value to 1, then the available quantity 2 is entered in the quantity 2 field when the quantity 1 is fully allocated. The default quantity button displays the available quantity 2. If this profile option is set to 0, then the default quantity button displays the available quantity 1.

Recommended Change Levels

Site, Applications, Responsibility, User

GML: Delete Existing Allocations**Default**

No

Options

No

Yes

Description

This profile option lets you determine if the Autoallocation process should delete existing allocations before allocating inventory. If this profile value is set to yes, then the Autoallocation process deletes existing allocations before allocating inventory. Also, the Delete Existing Allocations field on the Allocate OM Sales Order window (available in the OPM Inventory Management application) is enabled.

If the profile value is set to no, then the existing allocations are not deleted before inventory is allocated. Also, the Delete Existing Allocations field on the Allocate OM Sales Order window (available in the OPM Inventory Management application) is disabled. You can change the default selection of the Delete Existing Allocations field.

Recommended Change Levels

Site, Applications, Responsibility, User

GML: Override Date Check**Default**

No

Options

No

Yes

Description

If the scheduled ship date is later than the required delivery date, then a warning displays. This profile option lets you override the date check warning. If the profile values is set to no, then the application overrides the date check and a warning displays. If the profile value is set to yes, then the warning does not display.

Recommended Change Levels

Site, Applications, Responsibility, User

GML: Preferred Grade only in Manual Allocations**Default**

No

Options

No

Yes

Description

This profile option lets you determine whether manual allocations are restricted by grade. If this profile value is set to yes, then the manual allocation is restricted by grade. If the profile value is set to no, then the manual allocation is not restricted by grade.

Recommended Change Levels

Site, Applications, Responsibility, User

GML: Default PO Cancel Reason Code (Obsolete for 11.5.7, OPM Family Pack H)**Default**

VOID

Description

This profile option lets you specify a default reason code value of VOID for purchase order cancellation. When a purchase order is cancelled in the Oracle Purchasing, a reason code is specified. When the cancelled purchase order is synchronized to OPM, the existing reason code cannot be used since the OPM reason codes are different. This profile option has the default value of VOID, which is used to populate the reason code on the OPM side.

Recommended Change Levels

Site

GML: Creation Date on Purchase Order (Obsolete for 11.5.7, OPM Family Pack H)**Default**

0

Options

0

1

2

Description

This profile option lets you specify whether the creation date, approval date, or system date should be used on the purchase order after it is synchronized to OPM. If the profile value is set to 0 or 1, then the validation is performed against the approval date of the purchase order at the time of receipt creation. An error displays if the If the profile value is set to 2, then the validation is performed against the creation date of the purchase order at the time of receipt creation.

Recommended Change Levels

Site

GML:Use Accumulated BSO Pricing**Default**

0

Options

0 = price using only release quantities or values

1 = price using accumulated release quantities or values for all releases against the blanket sales order

Description

Determines how to price a release - what quantities/values to use to determine a unit price for a release line.

Recommended Change Levels

Site, Applications, Responsibility, User

GML:Default Order Source**Default**

1

Options

0 = New

- 1 = Profile
- 2 = Sales Order
- 3 = Existing
- 4 = Blanket Sales Order

Description

Default value for order source when creating a new sales order.

Recommended Change Levels

Site, Applications, Responsibility, User

GML:Default Order Type**Default**

SO

Options

SO, BSO, PO, BPO

Description

Defines the Sales Order type.

Recommended Change Levels

Site, Applications, Responsibility, User

GML:Disallow Edit of Backorder in Shipping**Default**

No

Options

Yes - the user is restricted from modifying or canceling backorder quantities; a backorder within the default values is created and a message confirming the backorder is displayed.

No - prompts a dialog box if the customer is set up allowing backorder quantities and the difference between the order line quantity and the available quantity to ship is within the shipping tolerance defined. This dialog box allows the user to modify the backorder quantity or cancel the backorder completely.

Description

Gives the option of restricting the user from modifying or canceling backorder quantities.

Recommended Change Levels

Site, Applications, Responsibility, User

GML: Number of Sales Order Per BSO Release

Default

0

Options

0 = Create one order for the entire release period with multiple sales order lines for each Blanket Sales Order (BSO). Multiple releases for the same product within the selected time period are represented by a different order line.

1 = Create one sales order for each blanket order line released.

Description

Determines whether to create one order for each release or to combine releases and create a sales order.

Recommended Change Levels

Site, Applications, Responsibility, User

GML: Backorder Token

Default

BACKORDER

Options

BACKORDER

Description

Label used in Shipping History window in Order Fulfillment. Indicates that a shipping line is a backorder.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Hold Code for Unsuccessful Credit Check**Default**

FAIL

Options

FAIL

Description

Hold reason code assigned to order during Oracle Financials Credit Checking if the credit check is not successful.

Could validate against table op_hold_cds.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Hold Code for Customer Hold**Default**

CRHD

Options

CRHD

Description

Hold reason code assigned to order during Oracle Financials Credit Checking if customer is on credit hold.

Could validate against table op_hold_cds.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Hold Code for Customer Limit Exceeded

Default

CLEX

Options

CLEX

Description

Hold reason code assigned to order line during Oracle Financials Credit Checking if the customer's credit limit has been exceeded.

Could validate against table op_hold_cds.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Default UOM for Pricing Calculations

Default

KG

Options

KG

Description

Default unit of measure for calculating total order quantity for pricing (totalord ind = 1).

Could validate against table sy_uoms_mst.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Use OPM Tax Calculations**Default**

0

Options

0 = Don't calculate taxes using OPM tax tables

1 = Calculate taxes using the OPM tax tables

Description

Switch to turn on OPM tax calculation.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Default Hold Reason Code**Default**

NONE

Options

Four alphanumeric characters, defined on Hold Reasons window in table op_hold_cds.

Description

Default hold reason code given to order and order lines for a new order. Could be validated against op_hold_cds.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Hours Per Production Day

Default

8

Options

Integer between 1 and 8.

Description

Default number of hours in a production day. Used to calculate production lead times for use in calculating the scheduled ship date (in ViewDates option on the Task menu).

Recommended Change Levels

Site, Application, Responsibility, User

GML:Maximum Shipping Tolerance

Default

No Default

Options

Enter the maximum percentage over and above the ordered quantity that can be shipped on any specific order line.

Description

Maximum Shipping Tolerance sets a global default for all undefined Customer-Item (and/or warehouse) combinations for the Max. Ship field on the Customer Item Window.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Minimum Shipping Tolerance**Default**

No Default

Options

Specify a shipping quantity tolerance percentage that allows the line to be complete if the shipped quantity meets or exceeds the percentage you specify.

Description

Minimum Shipping Tolerance sets a global default for all undefined Customer-Item (and/or warehouse) combinations for the Ship Completed field on the Customer Item Window.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Price Override Reason Code**Default**

No Default

Options

A valid Price Change Reason code as set up in Price Reason Codes window.

Description

Price Override Reason Code sets a global default for entry when making price changes.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Perform Inventory Shortage Check Invoice Check (Obsolete)

Default

1 (Check inventory)

Options

0 = Inventory Shortage Checking is not performed in Order Entry

1 = Inventory Shortage Checking is performed in Order Entry

Description

Switch to turn on Inventory Shortage Checking in order entry.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Hold Code for No Exchange Rate

Default

ERNF

Options

ERNF

Description

Hold reason code assigned to order during Oracle Financials Credit Checking if no exchange rate was found during the Credit Check.

Could validate against table op_hold_cds.

Recommended Change Levels

Site, Application, Responsibility, User

GML:On Time Shop Use Shipment to Address on Invoice**Default**

0

Options

0 = Address changes done in Shipping are not brought over to Oracle AR

1 = Address change done in Shipping is brought over to Oracle AR

Description

Use the shipment address for invoicing

Recommended Change Levels

Site, Application, Responsibility, User

GML:Hold Code for Order Limit Exceeded**Default**

OLEX

Options

OLEX

Description

Hold reason code assigned to order during Oracle Financials Credit Checking if the order limit has been exceeded.

Could validate against table op_hold_cds.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Allow Partial Automatic Allocation

Default

1

Options

0 = automatic allocation only allocates the entire order quantity

1 = automatic inventory allocation can allocate a quantity less than the order quantity, if available inventory is less than the order quantity.

Description

Switch used as default in OP Automatic Inventory Allocation. This switch is used if item specific allocation rules are not established.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Use Order or Scheduled Ship Date for Pricing

Default

1

Options

0=Use order date from sales order header

1=Use the scheduled shipdate from the sales order line item

Description

Date to control pricing.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Use Base or List Price for Total Order Pricing**Default**

0

Options

0 = Compute Order or Line Value using Base Price

1 = Compute Order or Line Value using List Price

Description

Controls use of base or list price during calculation of total order value.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Store Price in Order or Price UOM**Default**

0

Options

0 = Let price UM on the order line equal the order UM (maintain unit price on order in order UM)

1 = Let price UM on the order line equal the pricelist UM (maintain unit price on the order in pricelist UM)

Description

Controls whether net price is calculated in the order unit of measure or the price list unit of measure.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Override Price in Price UM**Default**

0

Options

If GML:Override Price in Price UM is set to 0, then the override of the price changes the price unit of measure to the order unit of measure and the extended price is calculated correctly.

If GML:Override Price in Price UM is set to 1 (means that the net price will be in the price list uom), then the override of price will not change the price unit of measure to the order unit of measure and the extended price is calculated correctly.

Description

The ability to override a price in the pricelist unit of measure or order unit of measure. This profile option works in conjunction with GML:Store Price in Order or Price UOM Indicator (OP\$PRICEUM_IND). If GML:Store Price in Order or Price UOM Indicator is set to 0, then GML:Override Price in Price UM is not used. If GML:Override Price in Price UM is set to 1, then GML:Store Price in Order or Price UOM is used.

Recommended Change Levels

Site, Applications, Responsibility, User

GML:Default Carrier Shipper Code**Default**

NONE

Options

Four alphanumeric characters, defined on the Shipping Code window from table op_ship_mst.

Description

Default Carrier Code assigned to the order header and order lines for a new order.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Order Fulfillment Ship Weight Unit of Measure**Default**

LB (pounds)

Options

Unit code defined on the Unit of Measure window in table sy_uoms_mst.

Description

Unit of measure for Shipping Weight. The shipping weight is calculated in this unit of measure. Shipping weight UOM is not editable for an individual order.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Check Onhand INV when Releasing OM to Whse**Default**

No

Options

Yes - signals that onhand inventory is checked when you release orders to the warehouse. A backorder would be created if the item is short of stock.

No - the order line would be released to the warehouse whether there is a stock or not.

Description

Allows you to choose whether the logic is enforced at the time of release or not. If the profile says do not check for on-hand, you can release lines whether there are quantities or not. Setting the profile flag the other way will be consistent with the shipping logic.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Default Ship Method

Default

NONE

Options

Four alphanumeric characters, defined on the Shipping Method window in table op_ship_mth.

Description

Default Shipping Method assigned to the order header and order lines for a new order.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Ship Volume Unit of Measure

Default

L (liters)

Options

Unit code defined on the Unit of Measure window in table sy_uoms_mst.

Description

Default unit of measure for shipping volume.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Default Tax Status**Default**

TAXA

Options

TAXA

Description

Default tax status.

Could be validated against tx_taxa_sts

Recommended Change Levels

Site, Application, Responsibility, User

GML:Activate Use Automatic Allocation**Default**

0

Options

0 = Automatic inventory allocation is not active

1 = Automatic inventory allocation occurs only in Order Entry during the Save

2 = Automatic inventory allocation occurs only in Shipping during the Save

3 = Automatic inventory allocation will occur in both Order Entry and Shipping during the Save (in Shipping, automatic allocation will occur only on those lines which have not been allocated in Order Entry)

Description

Switch which determines operation of Automatic Inventory Allocation in Order Entry and Shipping.

Note: This profile option is only used when a New order or shipment is saved. Automatic allocation does not occur when an order or shipment that has previously been saved is changed.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Defer Perform Account Mapping (Obsolete)

Default

1

Options

0 = Will not create GL distributions for POs imported into OPM.

1 = Will Create GL distributions for POs imported into OPM.

Description

Determines if GL distributions are created for POs imported from Oracle Purchasing into OPM. For implementation of Oracle Purchasing with OPM, leave this set to 1.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Minimum Percentage Received to Close PO (Obsolete)

Default

1.00

Options

0 to 1.00

Description

Specifies the fraction of a purchase order line which must be received before OPM automatically closes the PO line.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Reorder Preference for Returns (Obsolete for 11.5.7, OPM Family Pack H)**Default**

0

Options

0=No (Do not reorder)

1=Yes (Reorder)

Description

Sets the default preference for reordering returned goods. A 1 reopens a purchase order.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Purchasing Ship Weight Unit of Measure (Obsolete for 11.5.7, OPM Family Pack H)**Default**

LB

Options

N/A

Description

Specifies the default unit of measure for shipping in Purchasing.

The unit of measure you specify in this variable must also be set up on the Unit of Measure window.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Automatic Tax Calculation

Default

1

Options

1

Description

NOT CURRENTLY USED. Determines whether taxes are calculated automatically.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Use Customer Name in LOV

Default

No

Options

No - keeps the same searchable LOVs criteria as previously available prior to this profile option.

Yes - the customer name becomes the searchable LOVs criteria for all Customer fields.

Description

This profile option lets you search for customers by customer name. The setting for this profile option affects the customer List of Values (LOVs) criteria on the Sales Order, Order Profile, and Blanket Sales Order windows only.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Weight Factor**Default**

0

Options

1

Description

This profile is used for rounding in packaged items.

Recommended Change Levels

Site, Application, Responsibility, User

GML:Bill to Default**Default**

Ship To

Options

Ship To

Bill To

Description

This profile option is used when you have a customer defined as ship to as well as bill to and also have a record in the customer association. If the profile value is set to Ship To, then the application uses ship to customer as the default bill to customer. If the profile value set to Bill To, then the application searches for a customer association defined in the Customer Associations window for a default bill to customer.

Recommended Change Levels

Site, Application, Responsibility, User

GML:OM Integration

Default

No

Options

Yes

No

Description

This profile option is used to determine whether or not Order Management is in use with OPM Inventory.

Recommended Change Levels

Site

GML:Lock Threshold (Obsolete for 11.5.9, OPM Family Pack J)

Default

0

Options

Any positive number

Description

Threshold time to acquire lock. If the threshold time is set to 10, then the system will approximately try to seek a lock for 10 seconds and if it is not successful at the end of it, it will give a message stating "Record(s) are locked by an other user. Please try save again".

Recommended Change Levels

Site

GML: Commit Allocations

Default

No

Options

No: If the customer has no locking issue.

Yes: If the customer faces locking issues.

Description

Commits allocations in picklots/transactions. When we do allocations from the shipment, we normally save the allocations during the save of the shipment. If this profile option is set to yes, the allocations are saved as soon as the OK button is pressed on the Pick Lots or Transactions window.

Set the value to No if you are using Oracle Applications 11.5.9 (OPM Family Pack J) or later.

Recommended Change Levels

Site

OPM Process Planning

GMP:Default Max Days

Default

9999

Options

Not applicable.

Description

Not currently used.

Recommended Change Levels

Site, Application, Responsibility, User

GMP:Maximum Delta Days

Default

9999.999

Options

A specific number of days.

Description

Specifies the default and maximum constraint outer fence value when an outer fence is not defined on the Warehouse Rules, Production Rules, and Warehouse Transfer Rules windows and specifies the default and maximum horizon and outer fence value on the MPS Schedule parameters window.

Recommended Change Levels

Site, Application, Responsibility, User

GMP:UOM for Hours

Default

HR

Options

Any valid unit of measure that represents an hour.

Description

Specifies the default unit of measure that is expressed as a gradation of time. Whenever time is allotted for resources, the unit of time must be converted to this unit of measure.

Recommended Change Levels

None

GMP:Default Schedule**Default**

SCHD

Options

Any valid schedule defined in Master Production Schedule application.

Description

Establishes the default MPS/MRP schedule.

Recommended Change Levels

Site, Application, Responsibility, User

GMP:Manual Exception Code**Default**

Manual

Options

Manual

NULL

Description

This profile option represents the exception code value that is entered. You can use the existing Exception codes to represent unavailable hours for a resource in a Plant. If for some reason you do not want to use the existing Exception codes to show the unavailable hours of a Resource, you can enter the Unavailable hours in the window manually and these rows are shown as Manual Entry rows in the window. The profile option value Manual is used to show that the rows entered by the user are manual entries and are not from the Exception codes.

GMP:Enable Warehouse Security

Default

No

Options

Y = Turns on warehouse security

N = No warehouse security

Description

This system level profile option enables warehouse security for planning purposes. When warehouse security is turned on, only the valid warehouses for the user appear in any warehouse Lists of Values within the MRP and MPS applications. To define the valid warehouses for the user, you must associate the user with valid plants in the User Organizations window, then associate each plant with valid warehouses in the Plant Warehouses window.

Recommended Change Levels

Site

GMP:Shorten Forecast Name

Default

No

Options

Y = Forecast name restricted to 10 characters

N = No restrictions on the forecast name length

Description

This profile option restricts the maximum data length of the Forecast field to 10 characters and enables you to use the Demand Planner application. The maximum data length of the Forecast field is 16 characters, but the Demand Planner application can only accept forecast names with a maximum data length of 10 characters.

Recommended Change Levels

Site

OPM Regulatory Management

GR:Calculate OSHA Flammability

Default

N

Options

N = No

Y = Yes

Description

Determines whether the application calculates the OSHA Flammability Class based on the flash and boiling points of the product.

Recommended Change Levels

Site, Application

GR:Default Disclosure Code

Default

STAND (Standard disclosure code)

Options

Any valid disclosure code.

Description

Defines the default disclosure code.

Recommended Change Levels

Site, Application

GR: Default Safety Category**Default**

NU

Options

Any valid safety category code.

Description

Defines the default safety category for the European hazard classification process.

Recommended Change Levels

Site, Application

GR: Maintain Item Documents**Default**

Y

Options

Y = Yes

N = No

Description

Determines if the user responsibility is allowed to maintain item document information. If the Regulatory Information window cannot find this profile for the user responsibility, no access is given to the item document information.

Recommended Change Levels

Site, Application, Responsibility

GR: OPM Version

Default

115

Options

410 = OPM Release 4.10.xx

110 = OPM Release 11

115 = OPM Release 11i

Description

Determines the version of Oracle Process Manufacturing that Regulatory Management is interfaced to.

Recommended Change Levels

Site, Application

GR: Default Organization Code

Default

HQ

Options

Any valid organization code.

Description

Defines the default organization to search when processing order information to print documents.

Recommended Change Levels

Site, Application, Responsibility, User

GR: Other Name Print**Default**

A

Options

A = (Also known as) All synonyms are printed with label codes.

O = All synonyms are associated with organization codes. The synonym for the organization prints on the document instead of the MSDS Name.

Description

Determines how synonyms are printed on documents.

Recommended Change Levels

Site, Application

GR: Other Name Order**Default**

E

Options

A = Alphabetical order

E = As entered

Description

Determines how synonyms are stored within the application.

Recommended Change Levels

Site, Application

GR: Default Territory

Default

NONE

Options

Any valid territory code.

Description

Defines the default territory code for the application.

Recommended Change Levels

Site, Application, Responsibility, User

GR: Use Workflow

Default

N

Options

Y = Yes

N = No

Description

Determines if workflow is implemented for Regulatory Management.

Recommended Change Levels

Site, Application

GR: Default Warehouse Code

Default

NONE

Options

Any valid warehouse code.

Description

Defines the default warehouse to search when processing order information to print documents.

Recommended Change Levels

Site, Application, Responsibility, User

GR:PROP65 Carcinogenic**Default**

Phrase: This product contains chemicals known to the state of California to cause cancer.

Options

Any Phrase in the Phrase Library

Description

Determines the phrase that prints when an item is designated as a Proposition 65 carcinogen.

Recommended Change Levels

Application

GR:PROP65 Teratogenic**Default**

Phrase: This product contains chemicals known to the state of California to cause birth defects.

Options

Any Phrase in the Phrase Library

Description

Determines the phrase that prints when an item is designated as a Proposition 65 teratogen.

Recommended Change Levels

Application

GR: PROP65 Carcinogenic and Teratogenic

Default

Phrase: This product contains chemicals known to the state of California to cause cancer and birth defects and other reproductive harm.

Options

Any Phrase in the Phrase Library

Description

Determines the phrase that prints when an item is designated as a Proposition 65 carcinogen and teratogen.

Recommended Change Levels

Application

GR: Default Temperature Scale

Default

None

Options

C = Celsius

F = Fahrenheit

K = Kelvin

Description

Determines the scale that is used to convert boiling and flash ranges for the product when they are entered in different scales at the ingredient level.

Recommended Change Levels

Application

B

MLS Compliant Tables

The following is a list of tables that are MLS compliant for OPM 11*i*.

- „ CM_TEXT_TBL_TL
- „ CR_TEXT_TBL_TL
- „ FC_TEXT_TBL_TL
- „ FM_TEXT_TBL_TL
- „ GL_TEXT_TBL_TL
- „ GMA_ACTCOL_WF_TL
- „ GMD_ACTIONS_TL
- „ GMD_ACTIVITIES_TL
- „ GMD_CUSTOMER_TESTS_TL
- „ GMD_FORMULA_CLASS_TL
- „ GMD_GRADES_TL
- „ GMD_HOLD_REASONS_TL
- „ GMD_OPERATION_CLASS_TL
- „ GMD_OPERATIONS_TL
- „ GMD_QC_STATUS_TL
- „ GMD_QC_TEST_VALUES_TL
- „ GMD_QC_TESTS_TL
- „ GMD_RECIPES_TL
- „ GMD_ROUTING_CLASS_TL

- „ GMD_ROUTINGS_TL
- „ GMD_SAMPLING_PLANS_TL
- „ GMD_SPEC_TESTS_TL
- „ GMD_SPECIFICATIONS_TL
- „ GMD_STABILITY_STUDIES_TL
- „ GMD_STATUS_TL
- „ GMD_STORAGE_PLANS_TL
- „ GMD_TECH_PARAMETERS_TL
- „ GMD_TEST_CLASSES_TL
- „ GMD_TEST_INTERVAL_PLANS_TL
- „ GMD_TEST_METHODS_TL
- „ GMD_UNITS_TL
- „ GME_TEXT_TABLE_TL
- „ GMP_PARAMETER_VALUES_TL
- „ GMP_PROCESS_PARAMETERS_TL
- „ GMP_PROCESS_PARAMETER_SET_TL
- „ GR_COVER_LETTERS_TL
- „ GR_EUROHAZARDS_TL
- „ GR_EXPOSURE_AUTHS_TL
- „ GR_EXPOSURE_TYPES_TL
- „ GR_GENERIC_ML_NAME_TL
- „ GR_ITEM_GROUPS_TL
- „ GR_LABEL_CLASSES_TL
- „ GR_LABELS_TL
- „ GR_MAIN_HEADINGS_TL
- „ GR_MULTILINGUAL_NAME_TL
- „ GR_OTHER_NAMES_TL
- „ GR_PHRASES_TL

n GR_PROPERTIES_TL
n GR_PROPERTY_VALUES_TL
n GR_RISK_PHRASES_TL
n GR_SAFETY_CATEGORIES_TL
n GR_SAFETY_PHRASES_TL
n GR_SUB_HEADINGS_TL
n GR_TOXIC_EFFECTS_TL
n GR_TOXIC_ROUTES_TL
n GR_TOXIC_SPECIES_TL
n IC_TEXT_TBL_TL
n IC_CLDR_HDR_TL
n IC_ITEM_MST_TL
n IN_TEXT_TBL_TL
n LM_TEXT_TBL_TL
n MR_TEXT_TBL_TL
n OP_ORDR_STS_TL
n OP_ORDR_TYP_TL
n OP_PRSL_TYP_TL
n OP_TEXT_TBL_TL
n PC_TEXT_TBL_TL
n PM_TEXT_TBL_TL
n PO_TEXT_TBL_TL
n PS_TEXT_TBL_TL
n QC_TEXT_TBL_TL
n SY_PARA_CDS_TL
n SY_TEXT_TBL_TL
n SY_TEXT_TKN_TL
n TX_TEXT_TBL_TL

For more detailed information on these tables, please refer to the Oracle Electronic Technical Reference Manual available on Metalink.

Oracle E-Records Event Data

The following tables detail the seed data necessary for the OPM application events. Refer to the *Oracle E-Records Implementation Guide* for setting up events and approvals.

OPM Inventory Management

Events

Name	Display Name	Description	Status	Owner Name	Owner Tag
oracle.apps.gmi.item.create	GMI ERES Item Creation	ERES Event for Item Creation in OPM	Enabled	Oracle Process Inventory	GMI
oracle.apps.gmi.item.update	GMI ERES Item Update	ERES Event for Item Update in OPM	Enabled	Oracle Process Inventory	GMI
oracle.apps.gmi.lot.create	GMI ERES Lot Creation	ERES Event for Lot Creation in OPM	Enabled	Oracle Process Inventory	GMI
oracle.apps.gmi.lot.update	GMI ERES Lot Update	ERES Event for Lot Update in OPM	Enabled	Oracle Process Inventory	GMI
oracle.apps.gmi.lotconversion	GMI ERES Lot Conversion Creation	ERES Event for creating Lot Conversion in OPM	Enabled	Oracle Process Inventory	GMI
oracle.apps.gmi.lotconv.upd	GMI ERES Lot Conversion Update	ERES Event for creating Lot Conversion in OPM	Enabled	Oracle Process Inventory	GMI
oracle.apps.gmi.quantity.adjust	GMI ERES Inventory Quantity Adjustment	ERES Event for quantity adjustment in OPM	Enabled	Oracle Process Inventory	GMI

Name	Display Name	Description	Status	Owner Name	Owner Tag
oracle.apps.gmi.quantity.move	GMI ERES Inventory Quantity Move	ERES Event for quantity move in OPM	Enabled	Oracle Process Inventory	GMI
oracle.apps.gmi.grade.change	GMI ERES Inventory Grade Change	ERES Event for quantity grade change in OPM	Enabled	Oracle Process Inventory	GMI
oracle.apps.gmi.status.change	GMI ERES Inventory Status Change	ERES Event for quantity status change in OPM	Enabled	Oracle Process Inventory	GMI

Event Key

Event Name	Event Key	User Event Key
oracle.apps.gmi.item.create	Item_id	Item_no
oracle.apps.gmi.item.update	Item_id	Item_no
oracle.apps.gmi.lot.create	Item_id, Lot_id	Item_no, lot_no, subplot_no
oracle.apps.gmi.lot.update	Item_id, Lot_id	Item_no, lot_no, subplot_no
oracle.apps.gmi.lotconversion	Item_id, lot_id, um_type	Item_no, lot_no, subplot_no, um_type
oracle.apps.gmi.lotconversion.update	Item_id, lot_id, um_type	Item_no, lot_no, subplot_no, um_type
oracle.apps.gmi.quantity.adjust	Journal_id	orgn_code, journal_no
oracle.apps.gmi.quantity.move	Journal_id	orgn_code, journal_no
oracle.apps.gmi.grade.change	Journal_id	orgn_code, journal_no
oracle.apps.gmi.status.change	Journal_id	orgn_code, journal_no

Subscriptions

System	Source Type	Event Filter	Phase	Status	Rule Data	Rule Function	Parameters	Priority
HM001	Local	oracle.apps.gmi.item.create	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = gmiitmp; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmi.item.create';	Normal
HM001	Local	oracle.apps.gmi.item.update	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = gmiitmp; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmi.item.update';	Normal
HM001	Local	oracle.apps.gmi.lot.create	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = gmiltmp; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmi.lot.create';	Normal
HM001	Local	oracle.apps.gmi.lot.update	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = gmiltmp; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmi.lot.update';	Normal
HM001	Local	oracle.apps.gmi.lot.conversion	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = gmilcvmp; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmi.lot.conversion';	Normal
HM001	Local	oracle.apps.gmi.lotconversion.upd	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = gmilcvmp; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmi.lot.conversion';	Normal

System	Source Type	Event Filter	Phase	Status	Rule Data	Rule Function	Parameters	Priority
HM001	Local	oracle.apps.gmi.quantity.adjust	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = gmiqtamp; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmi.quantity.adjust';	Normal
HM001	Local	oracle.apps.gmi.quantity.move	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = gmiqttmp; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmi.quantity.move';	Normal
HM001	Local	oracle.apps.gmi.grade.change	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = gmigrcmp; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmi.grade.change';	Normal
HM001	Local	oracle.apps.gmi.status.change	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = gmiqttmp; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmi.grade.change';	Normal

Approval Matrix

Transaction Type

Oracle Application	Transaction Type ID	Transaction Type Description	Line Item Id Query String
Oracle Process Manufacturing Inventory Management	oracle.apps.gmi.item.create	GMI ERES Item Creation	N/A

Oracle Application	Transaction Type ID	Transaction Type Description	Line Item Id Query String
Oracle Process Manufacturing Inventory Management	oracle.apps.gmi.item.update	GMI ERES Item Update	N/A
Oracle Process Manufacturing Inventory Management	oracle.apps.gmi.lot.create	GMI ERES Lot Creation	N/A
Oracle Process Manufacturing Inventory Management	oracle.apps.gmi.lot.update	GMI ERES Lot Update	N/A
Oracle Process Manufacturing Inventory Management	oracle.apps.gmi.lotconversion	GMI ERES Lot Conversion Creation	N/A
Oracle Process Manufacturing Inventory Management	oracle.apps.gmi.lotconv.upd	GMI ERES Lot Conversion Update	N/A
Oracle Process Manufacturing Inventory Management	oracle.apps.gmi.quantity.adjust	GMI ERES Inventory Quantity Adjustment	N/A
Oracle Process Manufacturing Inventory Management	oracle.apps.gmi.quantity.move	GMI ERES Inventory Quantity Move	N/A
Oracle Process Manufacturing Inventory Management	Oracle.apps.gmi.grade.change	GMI ERES Inventory Grade Change	N/A
Oracle Process Manufacturing Inventory Management	Oracle.apps.gmi.status.change	GMI ERES Inventory Status Change	N/A

Transaction Attributes

No attributes are seeded for these events. You can define the attributes and use them in the rules based on the implementation.

Define Rules/Associate Approvers/Associate eRecord Output XSL

No data needs to be seeded. As part of the implementation, you must complete these activities. The following mandatory and non mandatory attributes must be added for all transaction types. Substitute the values shown with appropriate transaction specific values or data:

Mandatory Attributes

Name	Attribute Type	Description	Static Usage	Usage
ALLOW_DELETING_RULE_GENERATED_APPROVERS	boolean	Whether to let the calling application (or its end users) delete approvers generated by the rules.	Yes	False
ALLOW_REQUESTOR_APPROVAL	boolean	Whether to allow requestors to approve their own transactions (when the rules do so).	Yes	False
AT_LEAST_ONE_RULE_MUST_APPLY	boolean	Whether to require that at least one rule apply to each transaction.	Yes	False
EFFECTIVE_RULE_DATE	date	The date that determines which rules are active.	Yes	(blank)
TRANSACTION_DATE	date	Date transaction occurred.	No	Select ame_util.versionDateToString(CREATION_DATE) from gme_batch_header where batch_id=:transactionId
TRANSACTION_GROUP_ID	number	Business-group ID in which transaction occurred.	Yes	(blank)
TRANSACTION_ORG_ID	number	Org ID in which transaction occurred.	Yes	(blank)
TRANSACTION_REQUESTOR_PERSON_ID	number	Person ID of person initiating transaction.	Yes	(blank)
TRANSACTION_REQUESTOR_USER_ID	number	User ID of person initiating transaction.	No	Select Last_updated_by from gme_batch_header where batch_id=:transactionId
TRANSACTION_SET_OF_BOOKS_ID	number	Set of books ID in which transaction occurred.	No	(blank)
USE_RESTRICTIVE_LINE_ITEM_EVALUATION	boolean	Whether to require that the same line item satisfy all line-item conditions in a given rule.	Yes	False
WORKFLOW_ITEM_KEY	string	The transaction's workflow item key.	No	(blank)

Name	Attribute Type	Description	Static Usage	Usage
WORKFLOW_ITEM_TYPE	string	The transaction's Workflow item type.	No	(blank)
ALLOW_DELETING_RULE_GENERATED_APPROVERS	boolean	Whether to let the calling application (or its end users) delete approvers generated by the rules.	Yes	False

OPM Process Execution

Events

Name	Display Name	Description	Status	Owner Name	Owner Tag
oracle.apps.gme.batch.close	GME ERES Batch Close	This event is raised when a process batch is closed.	Enabled	Process Execution	GME
oracle.apps.gme.batch.release	GME ERES Batch Release	This event is raised when a process batch is released.	Enabled	Process Execution	GME
oracle.apps.gme.batchstep.close	GME ERES Batch Step Close	This event is raised when a process batch step is closed.	Enabled	Process Execution	GME
oracle.apps.gme.batchstep.release	GME ERES Batch Step Release	This event is raised when a process batch step is released.	Enabled	Process Execution	GME
oracle.apps.gme.batch.allocate	GME ERES Batch Allocate	This event is raised when a process batch is allocated.	Enabled	Process Execution	GME

Event Key

Event Name	Event Key	User Event Key
oracle.apps.gme.batch.close	GME_BATCH_HEADER.BATCH_ID	GME_BATCH_HEADER.PLANT_CODE '-' GME_BATCH_HEADER.BATCH_NO
oracle.apps.gme.batch.release	GME_BATCH_HEADER.BATCH_ID	GME_BATCH_HEADER.PLANT_CODE '-' GME_BATCH_HEADER.BATCH_NO
oracle.apps.gme.batchstep.close	GME_BATCH_STEPS.BATCHSTEP_ID	GME_BATCH_HEADER.PLANT_CODE '-' GME_BATCH_HEADER.BATCH_NO '-' GME_BATCH_STEPS.BATCHSTEP_NO
oracle.apps.gme.batchstep.release	GME_BATCH_STEPS.BATCHSTEP_ID	GME_BATCH_HEADER.PLANT_CODE '-' GME_BATCH_HEADER.BATCH_NO '-' GME_BATCH_STEPS.BATCHSTEP_NO
oracle.apps.gme.batch.allocate	GME_BATCH_HEADER.BATCH_ID	GME_BATCH_HEADER.PLANT_CODE '-' GME_BATCH_HEADER.BATCH_NO

Subscriptions

System	Source Type	Event Filter	Phase	Status	Rule Data	Rule Function	Parameters	Priority
HM000A	Local	oracle.apps.gme.batch.close	0	Disabled	Key	EDR_PSIG_RULE.PSIG_RULE	EDR_XML_MAP_CODE=oracle.apps.gme.batch	Normal
HM000A	Local	oracle.apps.gme.batch.release	0	Disabled	Key	EDR_PSIG_RULE.PSIG_RULE	EDR_XML_MAP_CODE=oracle.apps.gme.batch	Normal
HM000A	Local	oracle.apps.gme.batchstep.close	0	Disabled	Key	EDR_PSIG_RULE.PSIG_RULE	EDR_XML_MAP_CODE=oracle.apps.gme.batchstep	Normal
HM000A	Local	oracle.apps.gme.batchstep.release	0	Disabled	Key	EDR_PSIG_RULE.PSIG_RULE	EDR_XML_MAP_CODE=oracle.apps.gme.batchstep	Normal
HM000A	Local	oracle.apps.gme.batch.allocate	0	Disabled	Key	EDR_PSIG_RULE.PSIG_RULE	EDR_XML_MAP_CODE=oracle.apps.gme.batch.allocate	Normal

Approval Matrix

Transaction Type

Oracle Application	Transaction Type Id	Transaction Type Description	Line Item Id Query String
Oracle Process Manufacturing Process Execution	oracle.apps.gme.batch.close	GME ERES Batch Close	N/A
Oracle Process Manufacturing Process Execution	oracle.apps.gme.batch.release	GME ERES Batch Release	N/A
Oracle Process Manufacturing Process Execution	oracle.apps.gme.batchstep.close	GME ERES Batch Step Close	N/A
Oracle Process Manufacturing Process Execution	oracle.apps.gme.batchstep.release	GME ERES Batch Step Release	N/A

Oracle Application	Transaction Type Id	Transaction Type Description	Line Item Id Query String
Oracle Process Manufacturing Process Execution	oracle.apps.gme.batch.allocate	GME ERES Batch Allocate	N/A

Transaction Attributes

No attributes are seeded for these events. You define the attributes and use them in the rules based on the implementation instructions.

Define Rules/Associate Approvers/Associate eRecord Output XSL

As part of the implementation, you must complete these activities. The following mandatory and nonmandatory attributes must be added for all transaction types. Substitute the values shown with appropriate transaction specific values or data:

Mandatory Attributes

Name	Attribute Type	Description	Static Usage	Usage
ALLOW_DELETING_RULE_GENERATED_APPROVERS	Boolean	Whether to let the calling application (or its end users) delete approvers generated by the rules.	Yes	False
ALLOW_REQUESTOR_APPROVAL	Boolean	Whether to allow requestors to approve their own transactions (when the rules do so).	Yes	False
AT_LEAST_ONE_RULE_MUST_APPLY	Boolean	Whether to require that at least one rule apply to each transaction.	Yes	False
EFFECTIVE_RULE_DATE	date	The date that determines which rules are active.	Yes	(blank)
TRANSACTION_DATE	date	Date transaction occurred.	No	Select ame_util.versionDateToString(CREATION_DATE) from gme_batch_header where batch_id=:transactionId
TRANSACTION_GROUP_ID	number	Business-group ID in which transaction occurred.	Yes	(blank)

Name	Attribute Type	Description	Static Usage	Usage
TRANSACTION_ORG_ID	number	Org ID in which transaction occurred.	Yes	(blank)
TRANSACTION_REQUESTOR_PERSON_ID	number	Person ID of person initiating transaction.	Yes	(blank)
TRANSACTION_REQUESTOR_USER_ID	number	User ID of person initiating transaction.	No	Select Last_updated_by from gme_batch_header where batch_id=:transactionId
TRANSACTION_SET_OF_BOOKS_ID	number	Set of books ID in which transaction occurred.	No	(blank)
USE_RESTRICTIVE_LINE_ITEM_EVALUATION	Boolean	Whether to require that the same line item satisfy all line-item conditions in a given rule.	Yes	False
WORKFLOW_ITEM_KEY	string	The transaction's workflow item key.	No	(blank)
WORKFLOW_ITEM_TYPE	string	The transaction's workflow item type.	No	(blank)
ALLOW_DELETING_RULE_GENERATED_APPROVERS	Boolean	Whether to let the calling application (or its end users) delete approvers generated by the rules.	Yes	False

OPM Quality Management

Events

Name	Display Name	Description	Status	Owner Name	Owner Tag
oracle.apps.gmd.qm.spec	GMD ERES Specifications Event	ERES Event for Specifications in OPM Quality	Enabled	Oracle Process Manufacturing Product Development	GMD
oracle.apps.gmd.qm.spec.vr.inv	GMD ERES Inventory Validity Rule Specifications Event	ERES Event for Inventory Specifications Validity Rule in OPM Quality	Enabled	Oracle Process Manufacturing Product Development	GMD
oracle.apps.gmd.qm.spec.vr.wip	GMD ERES WIP Validity Rule Specifications Event	ERES Event for WIP Specifications Validity Rule in OPM Quality	Enabled	Oracle Process Manufacturing Product Development	GMD
oracle.apps.gmd.qm.spec.vr.cus	GMD ERES Customer Validity Rule Specifications Event	ERES Event for Customer Specifications Validity Rule in OPM Quality	Enabled	Oracle Process Manufacturing Product Development	GMD
oracle.apps.gmd.qm.spec.vr.sup	GMD ERES Supplier Validity Rule Specifications Event	ERES Event for Supplier Specifications Validity Rule in OPM Quality	Enabled	Oracle Process Manufacturing Product Development	GMD
oracle.apps.gmd.qm.spec.vr.mon	GMD ERES Monitoring Validity Rule	ERES Event for Monitoring Validity Rule	Enabled	Oracle Process Manufacturing Product Development	GMD
oracle.apps.gmd.qm.smpl.crea	GMD ERES Sample Creation Event	ERES Event for Sample Creation in OPM Quality	Enabled	Oracle Process Manufacturing Product Development	GMD
oracle.apps.gmd.qm.rslt.entry	GMD ERES Results Event	ERES Event for Results Entry in OPM Quality	Enabled	Oracle Process Manufacturing Product Development	GMD
oracle.apps.gmd.qm.rslt.eval	GMD ERES Results Evaluation	ERES Event for Results Evaluation in OPM Quality	Enabled	Oracle Process Manufacturing Product Development	GMD

Name	Display Name	Description	Status	Owner Name	Owner Tag
oracle.apps.gmd.qm.smpl.disp	GMD ERES Sample Disposition	ERES Event for Sample Disposition in OPM Quality	Enabled	Oracle Process Manufacturing Product Development	GMD
oracle.apps.gmd.qm.evt.disp	GMD ERES Sample Group Disposition	ERES Event for Sample Disposition in OPM Quality	Enabled	Oracle Process Manufacturing Product Development	GMD
oracle.apps.gmd.qm.evt.dispcom	GMD ERES Sample Group Disposition Composite	ERES Event for Sample Composite Disposition in OPM Quality	Enabled	Oracle Process Manufacturing Product Development	GMD
oracle.apps.gmd.qm.ss.ecsts	GMD ERES Stability Study Change Status	ERES Event for Stability Study Change Status	Enabled	Oracle Process Manufacturing Product Development	GMD

Event Key

Event Name	Event Key
oracle.apps.gmd.qm.spec	Spec_id
oracle.apps.gmd.qm.spec.vr.inv	Spec_vr_id
oracle.apps.gmd.qm.spec.vr.wip	Spec_vr_id
oracle.apps.gmd.qm.spec.vr.cus	Spec_vr_id
oracle.apps.gmd.qm.spec.vr.sup	Spec_vr_id
oracle.apps.gmd.qm.spec.vr.mon	Spec_vr_id
oracle.apps.gmd.qm.rslt.entry	Sample_id-update_instance_id-spec_id
oracle.apps.gmd.qm.rslt.eval	Sample_id-update_instance_id-spec_id
oracle.apps.gmd.qm.evt.disp	Event_spec_disp_id
oracle.apps.gmd.qm.evt.dispcom	Event_spec_disp_id
oracle.apps.gmd.qm.smpl.crea	Sample_id
oracle.apps.gmd.qm.smpl.disp	Event_spec_disp_id-sample_id
oracle.apps.gmd.qm.ss.ecsts	SS_Id

Subscriptions

System	Source Type	Event Filter	Phase	Status	Rule Data	Rule Function	Priority
HM001	Local	oracle.apps.gmd.qm.spec	0	Disabled	Key	EDR_UTIL.WF_RULE_FUNCTION	Normal
HM001	Local	oracle.apps.gmd.qm.spec.vr.inv	0	Disabled	Key	EDR_UTIL.WF_RULE_FUNCTION	Normal
HM001	Local	oracle.apps.gmd.qm.spec.vr.wip	0	Disabled	Key	EDR_UTIL.WF_RULE_FUNCTION	Normal
HM001	Local	oracle.apps.gmd.qm.spec.vr.cus	0	Disabled	Key	EDR_UTIL.WF_RULE_FUNCTION	Normal
HM001	Local	oracle.apps.gmd.qm.spec.vr.sup	0	Disabled	Key	EDR_UTIL.WF_RULE_FUNCTION	Normal
HM001	Local	oracle.apps.gmd.qm.spec.vr.mon	0	Disabled	Key	EDR_UTIL.WF_RULE_FUNCTION	Normal
HM001	Local	oracle.apps.gmd.qm.rslt.entry	0	Disabled	Key	EDR_UTIL.WF_RULE_FUNCTION	Normal
HM001	Local	oracle.apps.gmd.qm.rslt.eval	0	Disabled	Key	EDR_UTIL.WF_RULE_FUNCTION	Normal
HM001	Local	oracle.apps.gmd.qm.smpl.disp	0	Disabled	Key	EDR_UTIL.WF_RULE_FUNCTION	Normal
HM001	Local	oracle.apps.gmd.qm.smpl.cre	0	Disabled	Key	EDR_UTIL.WF_RULE_FUNCTION	Normal
HM001	Local	oracle.apps.gmd.qm.evt.disp	0	Disabled	Key	EDR_UTIL.WF_RULE_FUNCTION	Normal
HM001	Local	oracle.apps.gmd.qm.evt.dispcom	0	Disabled	Key	EDR_UTIL.WF_RULE_FUNCTION	Normal
HM001	Local	oracle.apps.gmd.qm.ss.ecsts	0	Disabled	Key	EDR_UTIL.WF_RULE_FUNCTION	Normal

Approval Matrix

Transaction Type

Oracle Application	Transaction Type ID	Transaction Type Description	Line Item Id Query String
Oracle Process Manufacturing Product Development	oracle.apps.gmd.qm.spec	GMD ERES Specifications Event	N/A

Oracle Application	Transaction Type ID	Transaction Type Description	Line Item Id Query String
Oracle Process Manufacturing Product Development	oracle.apps.gmd.qm.spec.vr.inv	GMD ERES Inventory Validity Rule Specifications Event	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.qm.spec.vr.wip	GMD ERES WIP Validity Rule Specifications Event	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.qm.spec.vr.cus	GMD ERES Customer Validity Rule Specifications Event	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.qm.spec.vr.sup	GMD ERES Supplier Validity Rule Specifications Event	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.qm.spec.vr.mon	GMD ERES Monitoring Validity Rule Specifications Event	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.qm.smpl.crea	GMD ERES Sample Creation Event	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.qm.rslt.entry	GMD ERES Results Event	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.qm.rslt.eval	GMD ERES Results Evaluation	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.qm.smpl.disp	GMD ERES Sample Disposition	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.qm.evt.disp	GMD ERES Sample Group Disposition	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.qm.evt.dispcom	GMD ERES Sample Group Disposition Composite	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.qm.ss.ecsts	GMD ERES Stability Study Change Status	N/A

Transaction Attributes

Approval attributes are seeded for these events. You can define the attributes and use them in the rules as per the implementation instructions.

Define Rules/Associate Approvers/Associate E-Record Output XSL

No data needs to be seeded for this. Complete these activities.

Mandatory Attributes

Name	Attribute Type	Description	Static Usage	Usage
ALLOW_DELETING_RULE_GENERATED_APPROVERS	boolean	Whether to let the calling application (or its end users) delete approvers generated by the rules.	Yes	False
ALLOW_REQUESTOR_APPROVAL	boolean	Whether to allow requestors to approve their own transactions (when the rules do so).	Yes	False
AT_LEAST_ONE_RULE_MUST_APPLY	boolean	Whether to require that at least one rule apply to each transaction.	Yes	False
EFFECTIVE_RULE_DATE	date	The date that determines which rules are active.	Yes	(blank)
TRANSACTION_DATE	date	Date transaction occurred.	No	Select ame_util.versionDateToString(CREATION_DATE) from gme_batch_header where batch_id=:transactionId
TRANSACTION_GROUP_ID	number	Business-group ID in which transaction occurred.	Yes	(blank)
TRANSACTION_ORG_ID	number	Org ID in which transaction occurred.	Yes	(blank)
TRANSACTION_REQUESTOR_PERSON_ID	number	Person ID of person initiating transaction.	Yes	(blank)
TRANSACTION_REQUESTOR_USER_ID	number	User ID of person initiating transaction.	No	Select Last_updated_by from gme_batch_header where batch_id=:transactionId
TRANSACTION_SET_OF_BOOKS_ID	number	Set of books ID in which transaction occurred.	No	(blank)

Name	Attribute Type	Description	Static Usage	Usage
USE_RESTRICTIVE_LINE_ITEM_EVALUATION	boolean	Whether to require that the same line item satisfy all line-item conditions in a given rule.	Yes	False
WORKFLOW_ITEM_KEY	string	The transaction's workflow item key.	No	(blank)
WORKFLOW_ITEM_TYPE	string	The transaction's workflow item type.	No	(blank)
ALLOW_DELETING_RULE_GENERATED_APPROVERS	boolean	Whether to let the calling application (or its end users) delete approvers generated by the rules.	Yes	False

OPM Product Development

Events

Name	Display Name	Description	Status	Owner Name	Owner Tag
oracle.apps.gmd.operation.sts	GMD ERES Operation Status Change Approval	This event is raised when the status of an operation is being changed.	Enabled	Product Development	GMD
oracle.apps.gmd.routing.sts	GMD ERES Routing Status Change Approval	This event is raised when the status of a routing is being changed.	Enabled	Product Development	GMD
oracle.apps.gmd.formula.sts	GMD ERES Formula Status Change Approval	This event is raised when the status of a formula is being changed.	Enabled	Product Development	GMD
oracle.apps.gmd.recipe.sts	GMD ERES Recipe Status Change Approval	This event is raised when the status of a recipe is being changed.	Enabled	Product Development	GMD
oracle.apps.gmd.validity.sts	GMD ERES Recipe Validity Rule Status Change Approval	This event is raised when the status of a validity rule is being changed.	Enabled	Product Development	GMD

Event Key

Event Name	Event Key	User Event Key
oracle.apps.gmd.operation.sts	Oprn_id	Gmd_operations_vl.oprn_no - Gmd_operations_vl.oprn_vers
oracle.apps.gmd.routing.sts	Routing_id	Fm_rout_dtl.Routing_no - fm_rout_dtl.routing_vers
oracle.apps.gmd.formula.sts	Formula_id	Fm_form_mst.formula_no, - fm_form_mst.formuls_vers
oracle.apps.gmd.recipe.sts	Recipe_id	Gmd_eres_recipes_vw.recipe_no - gmd_eres_recipes_vw.recipe_version

Event Name	Event Key	User Event Key
oracle.apps.gmd.validity.sts	Recipe_validity_rule_id	Gmd_recipe_validity_rules.recipe_id - Gmd_recipe_validity_rules.recipe_use - Gmd_recipe_validity_rules.orgn_code - Gmd_recipe_validity_rules.item_id

Subscriptions

System	Source Type	Event Filter	Phase	Status	Rule Data	Rule Function	Parameters	Priority
HM001	Local	oracle.apps.gmd.operation.sts	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = 'oracle.apps.gmd.operation_sts'; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmd.operation_sts';	Normal
HM001	Local	oracle.apps.gmd.routing.sts	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = 'oracle.apps.gmd.routing_sts'; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmd.routing_sts';	Normal
HM001	Local	oracle.apps.gmd.formula.sts	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = 'oracle.apps.gmd.formula_sts'; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmd.formula_sts';	Normal
HM001	Local	oracle.apps.gmd.recipe.sts	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = 'oracle.apps.gmd.recipe_sts'; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmd.recipe_sts';	Normal

System	Source Type	Event Filter	Phase	Status	Rule Data	Rule Function	Parameters	Priority
HM001	Local	oracle.apps.gmd.validity.sts	0	Disabled	Key	EDR_RULE.ESIGN_RULE	EDR_XML_MAP_CODE = 'oracle.apps.gmd.validity.sts'; EDR_AME_TRANSACTION_TYPE = 'oracle.apps.gmd.validity.sts';	Normal
HM001	Local	oracle.apps.gmi.status.change	0	Enabled	Key	EDR_RULE.ESIGN_RULE		Normal

Approval Matrix

Transaction Type

Oracle Application	Transaction Type ID	Transaction Type Description	Line Item Id Query String
Oracle Process Manufacturing Product Development	oracle.apps.gmd.operation.sts	GMD ERES Operation Status Change Approval	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.routing.sts	GMD ERES Routing Status Change Approval	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.formula.sts	GMD ERES Formula Status Change Approval	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.recipe.sts	GMD ERES Recipe Status Change Approval	N/A
Oracle Process Manufacturing Product Development	oracle.apps.gmd.validity.sts	GMD ERES Recipe Validity Rule Status Change Approval	N/A

Define Rules/Associate Approvers/Associate eRecord Output XSL

The rules basing the status on Approved For Laboratory Use and Approved For General Use are seeded.

As part of the implementation, you must complete these activities. The following mandatory and non mandatory attributes must be added for all transaction types. Substitute the values shown with appropriate transaction specific values or data:

Mandatory Attributes

Name	Attribute Type	Description	Static Usage	Usage
ALLOW_DELETING_RULE_GENERATED_APPROVERS	boolean	Whether to let the calling application (or its end users) delete approvers generated by the rules.	Yes	False
ALLOW_REQUESTOR_APPROVAL	boolean	Whether to allow requestors to approve their own transactions (when the rules do so).	Yes	False
AT_LEAST_ONE_RULE_MUST_APPLY	boolean	Whether to require that at least one rule apply to each transaction.	Yes	False
EFFECTIVE_RULE_DATE	date	The date that determines which rules are active.	Yes	(blank)
TRANSACTION_DATE	date	Date transaction occurred.	No	Select ame_util.versionDateToString(CREATION_DATE) from gme_batch_header where batch_id=:transactionId
TRANSACTION_GROUP_ID	number	Business-group ID in which transaction occurred.	Yes	(blank)
TRANSACTION_ORG_ID	number	Org ID in which transaction occurred.	Yes	(blank)
TRANSACTION_REQUESTOR_PERSON_ID	number	Person ID of person initiating transaction.	Yes	(blank)
TRANSACTION_REQUESTOR_USER_ID	number	User ID of person initiating transaction.	No	Select Last_updated_by from gme_batch_header where batch_id=:transactionId
TRANSACTION_SET_OF_BOOKS_ID	number	Set of books ID in which transaction occurred.	No	(blank)
USE_RESTRICTIVE_LINE_ITEM_EVALUATION	boolean	Whether to require that the same line item satisfy all line-item conditions in a given rule.	Yes	False

Name	Attribute Type	Description	Static Usage	Usage
WORKFLOW_ITEM_KEY	string	The transaction's workflow item key.	No	(blank)
WORKFLOW_ITEM_TYPE	string	The transaction's Workflow item type.	No	(blank)
ALLOW_DELETING_RULE_GENERATED_APPROVERS	boolean	Whether to let the calling application (or its end users) delete approvers generated by the rules.	Yes	False

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