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Send Us Your Comments

Part No. A87440-04

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?
- What features did you like most about this manual?

If you find any errors or have any other suggestions for improvement, please indicate the chapter, section, and page number (if available). You can send comments to us in the following ways:

- FAX: 650-506-7200  Attn: Oracle Process Manufacturing
- Postal service:
  Oracle Corporation
  Oracle Process Manufacturing
  500 Oracle Parkway
  Redwood City, CA 94065
  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


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.
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 11i 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 11i. 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 MetaLink.
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.
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.

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.

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.

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.

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.

**Integration with Advanced Planning and Scheduling User’s Guide**
Oracle Process Manufacturing and Oracle Advanced Planning and Scheduling (APS) combine to provide an integrated solution for process manufacturers that can help increase planning efficiency. The integration 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 Oracle Process Manufacturing Integration with Advanced Planning and Scheduling 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.

**Regulatory Management User’s Guide**
The Oracle Process Manufacturing Regulatory Management application generates the Material Safety Data Sheets (MSDSs) required by authorities to accompany hazardous materials during shipping. You can create MSDSs from OPM Formula
Management with Regulatory or Production effectiveness. The Oracle Process Manufacturing Regulatory Management User’s Guide describes how to setup 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**


**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 11i. 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 11i, 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 Oracle8i 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 11i. 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 11i. You cannot upgrade to Release 11i 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 6i 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 11i. 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 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.

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

Your Feedback

Thank you for using Oracle Process Manufacturing and this guide.

Oracle values your comments and feedback. At the end of this guide is a Reader’s Comment Form you can use to explain what you like or dislike about Oracle Process Manufacturing or this guide. Mail your comments to the following address or call us directly at (650) 506-7000.

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.
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 needs to 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
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:

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

<table>
<thead>
<tr>
<th>Directory Name</th>
<th>Naming Convention</th>
<th>Example Based on GL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Help</td>
<td>&lt;application_short_name&gt;</td>
<td>GL</td>
</tr>
<tr>
<td>Release Notes</td>
<td>&lt;application_short_name&gt;NEW</td>
<td>GLNEW</td>
</tr>
<tr>
<td>Custom</td>
<td>&lt;application_short_name&gt;CUST</td>
<td>GLCUST</td>
</tr>
</tbody>
</table>

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>.
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.
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.

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.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Vendor GL Class Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value Set Name</td>
<td>vend_glclass</td>
</tr>
<tr>
<td>Description</td>
<td>Vendor GL Class</td>
</tr>
<tr>
<td>Format Type</td>
<td>Char</td>
</tr>
<tr>
<td>Maximum Size</td>
<td>8</td>
</tr>
<tr>
<td>Uppercase only (A-Z)</td>
<td>Yes</td>
</tr>
<tr>
<td>Validation Type</td>
<td>Table</td>
</tr>
<tr>
<td>Table Application</td>
<td>Oracle Payables</td>
</tr>
<tr>
<td>Table Name</td>
<td>po_vgld_cls</td>
</tr>
<tr>
<td>Table Columns Value</td>
<td>vendgl_class</td>
</tr>
<tr>
<td>Type</td>
<td>Char</td>
</tr>
<tr>
<td>Size</td>
<td>8</td>
</tr>
<tr>
<td>Table Columns Meaning</td>
<td>vendgl_class_desc</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Vendor GL Class Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type Varchar2</td>
<td></td>
</tr>
<tr>
<td>Size 70</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Vendor GL Class Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Oracle Purchasing</td>
<td></td>
</tr>
<tr>
<td>Title Vendor Sites</td>
<td></td>
</tr>
<tr>
<td>Freeze Flexfield Definition No</td>
<td></td>
</tr>
<tr>
<td>Prompt Context</td>
<td></td>
</tr>
<tr>
<td>Value Required No</td>
<td></td>
</tr>
<tr>
<td>Default (blank)</td>
<td></td>
</tr>
<tr>
<td>Override Allowed No</td>
<td></td>
</tr>
<tr>
<td>Reference Field (blank)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Vendor GL Class Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name GL Class</td>
<td></td>
</tr>
<tr>
<td>Description Vendor GL Class</td>
<td></td>
</tr>
<tr>
<td>Enable Yes</td>
<td></td>
</tr>
<tr>
<td>Column ATTRIBUTE1</td>
<td></td>
</tr>
<tr>
<td>Number 1</td>
<td></td>
</tr>
<tr>
<td>Displayed Yes</td>
<td></td>
</tr>
<tr>
<td>Value Set vend_glclass</td>
<td></td>
</tr>
<tr>
<td>Description Vendor GL Class</td>
<td></td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Customer GL Class Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value Set Name</td>
<td>opm_custgl_class</td>
</tr>
<tr>
<td>Description</td>
<td>OPM Customer GL Class</td>
</tr>
<tr>
<td>Format Type</td>
<td>Char</td>
</tr>
<tr>
<td>Maximum Size</td>
<td>8</td>
</tr>
<tr>
<td>Uppercase Only (A-Z)</td>
<td>Yes</td>
</tr>
<tr>
<td>Validation Type</td>
<td>Table</td>
</tr>
<tr>
<td>Table Application</td>
<td>Oracle Receivables</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Vendor GL Class Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Default Type</td>
<td>(blank)</td>
</tr>
<tr>
<td>Default Value</td>
<td>(blank)</td>
</tr>
<tr>
<td>Required</td>
<td>Yes (optional)</td>
</tr>
<tr>
<td>Security Enabled</td>
<td>No</td>
</tr>
<tr>
<td>Range</td>
<td>(blank)</td>
</tr>
<tr>
<td>Display Size</td>
<td>8</td>
</tr>
<tr>
<td>Description Size</td>
<td>50</td>
</tr>
</tbody>
</table>

Freeze the flexfield and save it.
Add the Customer GL Class to the Customer Information window.

Navigate to the Flexfields Descriptive Segments window.

Query on Title as Customer Information.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Customer GL Class Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table Name</td>
<td>op_cgld_cls</td>
</tr>
<tr>
<td>Allow Parent Values</td>
<td>No</td>
</tr>
<tr>
<td>Table Columns Value</td>
<td>custgl_class</td>
</tr>
<tr>
<td>Type</td>
<td>Varchar2</td>
</tr>
<tr>
<td>Size</td>
<td>8</td>
</tr>
<tr>
<td>Table Columns Meaning</td>
<td>custgl_class_desc</td>
</tr>
<tr>
<td>Type</td>
<td>Varchar2</td>
</tr>
<tr>
<td>Size</td>
<td>70</td>
</tr>
<tr>
<td>Where/Order by</td>
<td>(blank)</td>
</tr>
<tr>
<td>Additional columns</td>
<td>(blank)</td>
</tr>
</tbody>
</table>

Click Segments and Open and add the following record:

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Customer GL Class Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Cust GL Class</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Customer GL Class Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Customer GL Class</td>
</tr>
<tr>
<td>Enable</td>
<td>Yes</td>
</tr>
<tr>
<td>Column</td>
<td>ATTRIBUTE1</td>
</tr>
<tr>
<td>Number</td>
<td>1</td>
</tr>
<tr>
<td>Display</td>
<td>Yes</td>
</tr>
<tr>
<td>Value Set</td>
<td>opm_custgl_class</td>
</tr>
<tr>
<td>Default Type</td>
<td>(blank)</td>
</tr>
<tr>
<td>Required</td>
<td>No</td>
</tr>
<tr>
<td>Range</td>
<td>(blank)</td>
</tr>
</tbody>
</table>

Click Segments and Open and add the following record:

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Customer GL Class Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Cust GL Class</td>
</tr>
<tr>
<td>Description</td>
<td>Customer GL Class</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Receivables Business Purpose</th>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Usage</td>
<td>Bill To</td>
<td>Ship To</td>
</tr>
<tr>
<td>Location</td>
<td>VALHALLA</td>
<td>REDWOOD SHORES</td>
</tr>
</tbody>
</table>

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 sublot 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
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 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
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.
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.

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.
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.
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.

<table>
<thead>
<tr>
<th>Receivables Business Purpose</th>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Usage</td>
<td>Bill To</td>
<td>Ship To</td>
</tr>
<tr>
<td>Location</td>
<td>VALHALLA</td>
<td>REDWOOD SHORES</td>
</tr>
</tbody>
</table>

**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 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

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.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Line Transaction Flexfield</td>
</tr>
<tr>
<td>Application</td>
<td>Oracle Receivables</td>
</tr>
<tr>
<td>Freeze Flexfield</td>
<td>No</td>
</tr>
<tr>
<td>Prompt</td>
<td>Context Value</td>
</tr>
<tr>
<td>Value Required</td>
<td>No</td>
</tr>
<tr>
<td>Default Value</td>
<td>(blank)</td>
</tr>
<tr>
<td>Override Allowed</td>
<td>Yes</td>
</tr>
<tr>
<td>Reference Field</td>
<td>(blank)</td>
</tr>
</tbody>
</table>

Enter the following data in Context Field Value:

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>GEMMS OP</td>
</tr>
<tr>
<td>Name &amp; Description</td>
<td>GEMMS Order Processing</td>
</tr>
</tbody>
</table>
Position the cursor on the GEMMS OP line and click Segments and Open and add the following four records.

**Record 1 & 2**

<table>
<thead>
<tr>
<th>Field Name*</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Line Id</td>
<td>Orgn Code</td>
</tr>
<tr>
<td>Description</td>
<td>Line Id</td>
<td>Organization</td>
</tr>
<tr>
<td>Enabled</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Column</td>
<td>INTERFACE_LINE_ATTRIBUTE1</td>
<td>INTERFACE_LINE_ATTRIBUTE2</td>
</tr>
<tr>
<td>Number</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Value Set</td>
<td>(blank)</td>
<td>(blank)</td>
</tr>
<tr>
<td>Value Set Desc.</td>
<td>(blank)</td>
<td>(blank)</td>
</tr>
<tr>
<td>Required</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Display Size</td>
<td>30</td>
<td>4</td>
</tr>
<tr>
<td>Description Size</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>

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

**Record 3 & 4**

<table>
<thead>
<tr>
<th>Field Name*</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Ship No.</td>
<td>Line No.</td>
</tr>
<tr>
<td>Description</td>
<td>Shipment No.</td>
<td>Line Number</td>
</tr>
<tr>
<td>Enabled</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Column</td>
<td>INTERFACE_LINE_ATTRIBUTE3</td>
<td>INTERFACE_LINE_ATTRIBUTE4</td>
</tr>
<tr>
<td>Number</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Value Set</td>
<td>(blank)</td>
<td>(blank)</td>
</tr>
<tr>
<td>Value Set Desc.</td>
<td>(blank)</td>
<td>(blank)</td>
</tr>
<tr>
<td>Required</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Display Size</td>
<td>30</td>
<td>6</td>
</tr>
</tbody>
</table>
Setting Up Oracle Receivables

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

Record 5 & 6

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description Size</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>

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

Record 7 & 8

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Line Type</td>
<td>Invoice line number</td>
</tr>
<tr>
<td>Description</td>
<td>Line type</td>
<td>Invoice line number</td>
</tr>
<tr>
<td>Enabled</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Column</td>
<td>INTERFACE_LINEATTRIBUTE5</td>
<td>INTERFACE_LINEATTRIBUTE6</td>
</tr>
<tr>
<td>Number</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>Value Set</td>
<td>(blank)</td>
<td>(blank)</td>
</tr>
<tr>
<td>Value Set Desc.</td>
<td>(blank)</td>
<td>(blank)</td>
</tr>
<tr>
<td>Required</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Display Size</td>
<td>30</td>
<td>6</td>
</tr>
<tr>
<td>Description Size</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Receivables Business Purpose</th>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Usage</td>
<td>Bill To</td>
<td>Ship To</td>
</tr>
<tr>
<td>Location</td>
<td>VALHALLA</td>
<td>REDWOOD SHORES</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value Set Name</td>
<td>opm_taxcalc_code</td>
<td>opm_taxloc_code</td>
</tr>
<tr>
<td>Description</td>
<td>OPM Order Fulfillment Calculation Code</td>
<td>OPM Order Fulfillment Location Code</td>
</tr>
<tr>
<td>Format Type</td>
<td>Char</td>
<td>Char</td>
</tr>
<tr>
<td>Maximum Size</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>Uppercase Only</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>(A-Z)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Validation Type</td>
<td>Table</td>
<td>Table</td>
</tr>
<tr>
<td>Table Application</td>
<td>Oracle Receivables</td>
<td>Oracle Receivables</td>
</tr>
<tr>
<td>Table Name</td>
<td>tx_calc_mst</td>
<td>(blank)</td>
</tr>
<tr>
<td>tx_doc_cds</td>
<td>Allow Parent Values</td>
<td>No</td>
</tr>
<tr>
<td>No</td>
<td>Table Columns Value</td>
<td>taxcalc_code</td>
</tr>
<tr>
<td>taxloc_code</td>
<td>Type</td>
<td>Varchar2</td>
</tr>
<tr>
<td>Varchar2</td>
<td>Size</td>
<td>410</td>
</tr>
<tr>
<td>Table Columns Meaning</td>
<td>taxcalc_desc</td>
<td>taxloc_desc</td>
</tr>
<tr>
<td>Type</td>
<td>Varchar2</td>
<td>Varchar2</td>
</tr>
</tbody>
</table>
### 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_cprc 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
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.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Size</td>
<td>4</td>
</tr>
<tr>
<td>Uppercase Only (A-Z)</td>
<td>Yes</td>
</tr>
<tr>
<td>Validation Type</td>
<td>Table</td>
</tr>
<tr>
<td>Table Application</td>
<td>Oracle Receivables</td>
</tr>
<tr>
<td>Table Name</td>
<td>ic_whse_mst</td>
</tr>
<tr>
<td>Allow Parent Values</td>
<td>No</td>
</tr>
<tr>
<td>Table Columns Value</td>
<td>whse_code</td>
</tr>
<tr>
<td>Type</td>
<td>Varchar2</td>
</tr>
<tr>
<td>Size</td>
<td>4</td>
</tr>
<tr>
<td>Table Columns Meaning</td>
<td>whse_name</td>
</tr>
<tr>
<td>Type</td>
<td>Varchar2</td>
</tr>
<tr>
<td>Size</td>
<td>40</td>
</tr>
<tr>
<td>Where/Order by</td>
<td>(blank)</td>
</tr>
<tr>
<td>Additional Column</td>
<td>(blank)</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Customer Information</td>
</tr>
<tr>
<td>Application</td>
<td>Oracle Receivables</td>
</tr>
<tr>
<td>Freeze Flexfield Def</td>
<td>No</td>
</tr>
<tr>
<td>Prompt</td>
<td>Context Value</td>
</tr>
<tr>
<td>Value Req</td>
<td>No</td>
</tr>
<tr>
<td>Default Value</td>
<td>(blank)</td>
</tr>
<tr>
<td>Override Allowed</td>
<td>No</td>
</tr>
</tbody>
</table>
Click Segments and Open and add the following three records:

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

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.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Site Use Information</td>
</tr>
<tr>
<td>Application</td>
<td>Oracle Receivables</td>
</tr>
<tr>
<td>Freeze Flexfield Def</td>
<td>No</td>
</tr>
<tr>
<td>Prompt</td>
<td>Context Value</td>
</tr>
<tr>
<td>Value Req</td>
<td>No</td>
</tr>
<tr>
<td>Default Value</td>
<td>(blank)</td>
</tr>
<tr>
<td>Override Allowed</td>
<td>No</td>
</tr>
<tr>
<td>Reference</td>
<td>(blank)</td>
</tr>
</tbody>
</table>
Click Segments and Open and add the following three records:

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

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

Query on Title as Address Information.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freeze Flexfield Def</td>
<td>No</td>
</tr>
<tr>
<td>Prompt</td>
<td>Context Value</td>
</tr>
<tr>
<td>Value Req</td>
<td>No</td>
</tr>
<tr>
<td>Default Value</td>
<td>(blank)</td>
</tr>
<tr>
<td>Override Allowed</td>
<td>No</td>
</tr>
<tr>
<td>Reference Field</td>
<td>(blank)</td>
</tr>
</tbody>
</table>

Click Segments and Open and add the following two records:

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Freight Bill Method</td>
<td>Ship From Warehouse</td>
</tr>
<tr>
<td>Description</td>
<td>Freight Bill Method</td>
<td>Ship From Warehouse</td>
</tr>
</tbody>
</table>
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.

*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:

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Description</td>
<td>Credit Memo does not</td>
<td>Credit Memo Affects</td>
</tr>
<tr>
<td></td>
<td>Affect Inventory</td>
<td>Inventory</td>
</tr>
</tbody>
</table>

Add the Descriptive flexfield to the Transaction Types window.

Navigate to the Flexfields Descriptive Segments window.

Query on Title as Transaction Type Information.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freeze Flexfield Def</td>
<td>No</td>
</tr>
<tr>
<td>Prompt</td>
<td>Context Value</td>
</tr>
<tr>
<td>Value Required</td>
<td>No</td>
</tr>
<tr>
<td>Default Value</td>
<td>(blank)</td>
</tr>
<tr>
<td>Override Allowed</td>
<td>No</td>
</tr>
<tr>
<td>Reference Field</td>
<td>(blank)</td>
</tr>
</tbody>
</table>

Click Segments and Open and add the following record:

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Memo Affects Inventory</td>
</tr>
<tr>
<td>Description</td>
<td>Defines whether a Memo Affects Inventory</td>
</tr>
<tr>
<td>Enabled</td>
<td>Yes</td>
</tr>
<tr>
<td>Column</td>
<td>ATTRIBUTE10</td>
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<tr>
<td>Number</td>
<td>1</td>
</tr>
<tr>
<td>Display</td>
<td>Yes</td>
</tr>
<tr>
<td>Value Set</td>
<td>opm_affects_inventory</td>
</tr>
</tbody>
</table>
Freeze the flexfield and save.

Create Invoice Line Information Descriptive Flexfields.

Define the Value Sets

Navigate to the Flexfields Validation Sets window.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value 1</th>
<th>Value 2</th>
<th>Value 3</th>
<th>Value 4</th>
<th>Value 5</th>
<th>Value 6</th>
<th>Value 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value Set</td>
<td>opm_item_no</td>
<td>opm_reasons</td>
<td>opm_orgns</td>
<td>opm_whse_locations</td>
<td>opm_lots</td>
<td>opm_dualuom</td>
<td>opm_dualuom_qty</td>
</tr>
<tr>
<td>Description</td>
<td>OPM Item Number</td>
<td>OPM Reason Codes</td>
<td>OPM Organizatio ns</td>
<td>OPM Warehouse Locations</td>
<td>OPM Lots</td>
<td>OPM Item Dual UOM</td>
<td>OPM Dual UOM Quantity</td>
</tr>
<tr>
<td>Format Type</td>
<td>Char</td>
<td>Char</td>
<td>Char</td>
<td>Char</td>
<td>Char</td>
<td>Char</td>
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<td>Maximum Size</td>
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<td>8</td>
<td>90</td>
<td>90</td>
<td>4</td>
<td>15</td>
</tr>
<tr>
<td>Uppercase Only (A-Z)</td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Right Justify Zero Fill</td>
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<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
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<tr>
<td>Validation Type</td>
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<td>Table</td>
<td>Table</td>
<td>Table</td>
<td>Table</td>
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</tr>
<tr>
<td>Table Application</td>
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<td>(blank)</td>
<td>(blank)</td>
</tr>
<tr>
<td>Table Name</td>
<td>IC_ITEM_MST</td>
<td>SY_REAS_CDS</td>
<td>SY_ORGN_MST</td>
<td>IC_ITEM_MST IM, IC_LOCT_MST IL</td>
<td>IC_ITEM_MST IM, IC_LOTS_MST IL</td>
<td>IC_ITEM_MST IM, SY_UOMS_MST SY</td>
<td>(blank)</td>
</tr>
</tbody>
</table>

7-16 Oracle Process Manufacturing Implementation Guide
Add the Descriptive Flexfields to the Invoice Line Information window.
Navigate to the Flexfields Descriptive Segments window.
Query on Title as Invoice Line Information.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freeze Flexfield Definition</td>
<td>No</td>
</tr>
<tr>
<td>Prompt Value</td>
<td>Context Value</td>
</tr>
<tr>
<td>Value Require</td>
<td>No</td>
</tr>
</tbody>
</table>
Click Segments and Open and add the following records:

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value 1</th>
<th>Value 2</th>
<th>Value 3</th>
<th>Value 4</th>
<th>Value 5</th>
<th>Value 6</th>
<th>Value 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Item No</td>
<td>Reason</td>
<td>Organization</td>
<td>Location</td>
<td>Lot</td>
<td>Dual UOM</td>
<td>Dual UOM Quantity</td>
</tr>
<tr>
<td>Description</td>
<td>OPM Item Number</td>
<td>OPM Reason Code Entry</td>
<td>OPM Organization</td>
<td>OPM Item Location</td>
<td>OPM Lots</td>
<td>OPM Item Dual UOM</td>
<td>OPM Dual UOM Quantity</td>
</tr>
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<td>Yes</td>
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<td>Yes</td>
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<td>ATTRIBUTE8</td>
<td>ATTRIBUTE9</td>
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<td>ATTRIBUTE11</td>
<td>ATTRIBUTE5</td>
<td>ATTRIBUTE15</td>
</tr>
<tr>
<td>Number</td>
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<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>Display</td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Value Set</td>
<td>opm_item_no</td>
<td>opm_reasons</td>
<td>opm_orgns</td>
<td>opm_whse_locations</td>
<td>opm_lots</td>
<td>opm_dualuom</td>
<td>opm_dualuom_quantity</td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Range</td>
<td>(blank)</td>
<td>(blank)</td>
<td>(blank)</td>
<td>(blank)</td>
<td>(blank)</td>
<td>(blank)</td>
<td>(blank)</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Org Type</th>
<th>Warehouse C10</th>
<th>Warehouse C20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organization 0100</td>
<td>1.0100.C10</td>
<td>1.0100.C20</td>
</tr>
<tr>
<td>Organization 0200</td>
<td>1.0200.C10</td>
<td>1.0200.C20</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic Invoice Numbering</td>
<td>Yes</td>
</tr>
<tr>
<td>Transaction Type</td>
<td>Value</td>
</tr>
<tr>
<td>Allow Sales Credit</td>
<td>No</td>
</tr>
<tr>
<td>Batch numbering</td>
<td>No</td>
</tr>
<tr>
<td>Sold to customer</td>
<td>Id</td>
</tr>
</tbody>
</table>
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.

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

<table>
<thead>
<tr>
<th>Profile Options</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>GML:Use OPM Tax Calculations</td>
<td>1</td>
</tr>
<tr>
<td>GML:Automatic Tax Calculation</td>
<td>1</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Description of Hold Reason Code</th>
<th>Profile Options</th>
<th>Hold Reason Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit Hold</td>
<td>GML:Hold Code for Customer Hold</td>
<td>CRDH</td>
</tr>
<tr>
<td>Credit Check Failed</td>
<td>GML:Check Not Success</td>
<td>CRFL</td>
</tr>
<tr>
<td>Credit Limit Per Order Exceeded</td>
<td>GML:Hold Code for Order Limit Exceeded</td>
<td>OLEX</td>
</tr>
<tr>
<td>Total Credit Limit Exceeded</td>
<td>GML:Hold Code for Customer Limit Exceeded</td>
<td>CLEX</td>
</tr>
</tbody>
</table>

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.
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_DETAIL)
- Detail Line Charges (GML_GPOAO_DETAIL_CHARGES)
- Detail Line Text (GML_GPOAO_DETAIL_TEXT)
- Detail Line Allocations (GML_GPOAO_DETAIL_ALLOCS)
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
Outbound Purchase Acknowledgement (855 / ORDERS)

- 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**

<table>
<thead>
<tr>
<th>Data</th>
<th>Code Category</th>
<th>Record Number</th>
<th>Record Layout</th>
<th>Record Layout Qualifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Method</td>
<td>(blank)</td>
<td>0010</td>
<td>CT</td>
<td>CTL</td>
</tr>
<tr>
<td>Test Indicator</td>
<td>(blank)</td>
<td>0010</td>
<td>CT</td>
<td>CTL</td>
</tr>
<tr>
<td>Document ID</td>
<td>(blank)</td>
<td>0010</td>
<td>CT</td>
<td>CTL</td>
</tr>
<tr>
<td>Document Purpose Code</td>
<td>(blank)</td>
<td>0010</td>
<td>CT</td>
<td>CTL</td>
</tr>
<tr>
<td>Document Code</td>
<td>(blank)</td>
<td>0010</td>
<td>CT</td>
<td>CTL</td>
</tr>
<tr>
<td>TP Translator Code</td>
<td>(blank)</td>
<td>0010</td>
<td>CT</td>
<td>CTL</td>
</tr>
<tr>
<td>TP Location Code</td>
<td>(blank)</td>
<td>0010</td>
<td>CT</td>
<td>CTL</td>
</tr>
<tr>
<td>TP Gateway Description</td>
<td>(blank)</td>
<td>0010</td>
<td>CT</td>
<td>CTL</td>
</tr>
<tr>
<td>TP Gateway Reference 1</td>
<td>(blank)</td>
<td>0010</td>
<td>CT</td>
<td>CTL</td>
</tr>
<tr>
<td>TP Gateway Reference 2</td>
<td>(blank)</td>
<td>0010</td>
<td>CT</td>
<td>CTL</td>
</tr>
<tr>
<td>Transaction Date/Time</td>
<td>(blank)</td>
<td>0010</td>
<td>CT</td>
<td>CTL</td>
</tr>
<tr>
<td>Document Control Number</td>
<td>(blank)</td>
<td>0010</td>
<td>CT</td>
<td>CTL</td>
</tr>
<tr>
<td>Trans Header Attributes 1-4</td>
<td>(blank)</td>
<td>0020</td>
<td>A1</td>
<td>TH1</td>
</tr>
<tr>
<td>Trans Header Attributes 5-9</td>
<td>(blank)</td>
<td>0030</td>
<td>A2</td>
<td>TH2</td>
</tr>
<tr>
<td>Trans Header Attributes 10-14</td>
<td>(blank)</td>
<td>0040</td>
<td>A2</td>
<td>TH3</td>
</tr>
<tr>
<td>Trans Header Attribute 15</td>
<td>(blank)</td>
<td>0050</td>
<td>A2</td>
<td>TH4</td>
</tr>
<tr>
<td>Trans Detail Attribute Category</td>
<td>(blank)</td>
<td>0060</td>
<td>A1</td>
<td>TD1</td>
</tr>
<tr>
<td>Trans Detail Attributes 1-4</td>
<td>(blank)</td>
<td>0060</td>
<td>A1</td>
<td>TD1</td>
</tr>
<tr>
<td>Trans Detail Attribute 5</td>
<td>(blank)</td>
<td>0070</td>
<td>A2</td>
<td>TD2</td>
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<tr>
<td>Data</td>
<td>Code Category</td>
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<td>Record Layout Qualifier</td>
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<tr>
<td>-----------------------------------------</td>
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<td>---------------</td>
<td>---------------</td>
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<td>Order Number</td>
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<td>1000</td>
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<td>OA1</td>
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<tr>
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<td>Order Comment</td>
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<td>1000</td>
<td>OA</td>
<td>OA1</td>
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<tr>
<td>Order Status</td>
<td>(blank)</td>
<td>1000</td>
<td>OA</td>
<td>OA1</td>
</tr>
<tr>
<td>Purchase Order Number</td>
<td>(blank)</td>
<td>1000</td>
<td>OA</td>
<td>OA1</td>
</tr>
<tr>
<td>Sales Order Date</td>
<td>(blank)</td>
<td>1000</td>
<td>OA</td>
<td>OA1</td>
</tr>
<tr>
<td>Freight Terms Code (Int)</td>
<td>FREIGHT</td>
<td>1000</td>
<td>OA</td>
<td>OA1</td>
</tr>
<tr>
<td>Freight Terms Code (Ext1-5)</td>
<td>(blank)</td>
<td>1000</td>
<td>OA</td>
<td>OA1</td>
</tr>
<tr>
<td>Freight Terms Description</td>
<td>(blank)</td>
<td>1000</td>
<td>OA</td>
<td>OA1</td>
</tr>
<tr>
<td>Embarkation Port (Int)</td>
<td>BARKATN</td>
<td>1000</td>
<td>OA</td>
<td>OA1</td>
</tr>
<tr>
<td>Embarkation Port (Ext1-5)</td>
<td>(blank)</td>
<td>1000</td>
<td>OA</td>
<td>OA1</td>
</tr>
<tr>
<td>Embarkation Port Description</td>
<td>(blank)</td>
<td>1000</td>
<td>OA</td>
<td>OA1</td>
</tr>
<tr>
<td>Debarkation Port (Int)</td>
<td>BARKATN</td>
<td>1000</td>
<td>OA</td>
<td>OA1</td>
</tr>
<tr>
<td>Debarkation Port (Ext1-5)</td>
<td>(blank)</td>
<td>1000</td>
<td>OA</td>
<td>OA1</td>
</tr>
<tr>
<td>Debarkation Port Description</td>
<td>(blank)</td>
<td>1000</td>
<td>OB</td>
<td>OB1</td>
</tr>
<tr>
<td>FOB Code (Int)</td>
<td>FOB</td>
<td>1010</td>
<td>OB</td>
<td>OB1</td>
</tr>
<tr>
<td>FOB Code (Ext1-5)</td>
<td>(blank)</td>
<td>1010</td>
<td>OB</td>
<td>OB1</td>
</tr>
<tr>
<td>FOB Name</td>
<td>(blank)</td>
<td>1010</td>
<td>OB</td>
<td>OB1</td>
</tr>
<tr>
<td>Shipper Code (Int) (Ship Method Code/Carrier)</td>
<td>SHIPCODE</td>
<td>1010</td>
<td>OB</td>
<td>OB1</td>
</tr>
<tr>
<td>Shipper Code(Ext1-5) (Ship Method Code)</td>
<td>(blank)</td>
<td>1010</td>
<td>OB</td>
<td>OB1</td>
</tr>
<tr>
<td>Shipper Name</td>
<td>(blank)</td>
<td>1010</td>
<td>OB</td>
<td>OB1</td>
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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

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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.

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- 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_GASNODETAILS)
- 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_GASNODETAILS_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
Outbound Ship Notice Data File Organization

- Enter Shipment numbers From and To (optional)
- Enter 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. 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:

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

Summary Tables

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

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## Outbound Ship Notice Data File Organization

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<td>DNT</td>
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<td>DNT</td>
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<td>DNT</td>
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### Data File Organization

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<tr>
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<td>AL</td>
<td>AL1</td>
</tr>
</tbody>
</table>
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
```
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"
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: Default Lab Type

Default
LAB

Options
Any valid laboratory type defined in the OPM Laboratory Management application.

Description
Establishes the default laboratory for new product development.

Recommended Change Levels
Site, Application, Responsibility, User

GMD: QC Grade

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 Release 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 and theoretical yield.

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**
Determines whether sample results must exactly match the required specifications. For future use.

**Recommended Change Levels**
User

**GMD: Display Specifications**

**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: Allow Batch Creation from Input

**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

**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**

**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

Default
1

Options
0 = No
1 = Yes

Description
Check lot status upon release. THIS PROFILE OPTION IS CURRENTLY NOT FUNCTIONAL.

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
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

**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**

**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 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.
GMF: Use Only Costing Validity Rules for Cost Rollup

**Default**
0

**Options**
0 or 1

**Description**
Determine 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 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: 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

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 sublot on the quantities window.

**Recommended Change Levels**
Site, Application, Responsibility, User

**GMI:ESS Installed**

**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

**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, Applications, Responsibility, User
GMI: Default Lot

Default
DEFAULTLOT

Options
Any valid character string

Description
Specifies the character string used for the default lot.

Recommended Change Levels
Site, Applications, Responsibility, User

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

Default
0 (No)

Options
0 = Do not display message
1 = Display message

Description
Specifies whether a warning is displayed when moving inventory that is allocated to a batch, sales order, or shipment.

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 of 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 = No

Options
0 = No
1 = Yes

Description
Updates allocations that are pending against lot controlled inventory moved to a new warehouse (using Move Immediate or Mass Move Immediate) to reflect the new inventory location.

Recommended
Site, Application, Responsibility
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
This profile option defines the default shelf life for a grade controlled item in units of days.

Recommended Change Levels
Site
OPM Logistics

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

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

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

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

**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

**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**
NOT CURRENTLY USED. Determines whether taxes are calculated automatically.

**Recommended Change Levels**
Site, Application, Responsibility, User

GML: Bill to Default

**Default**
Ship To

**Options**
1

**Description**
NOT CURRENTLY USED. Determines whether taxes are calculated automatically.

**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

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.

**Recommended Change Levels**
Site
OPM Process Planning

GMP: Default Max Days

Default
Not applicable.

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.
The following is a list of tables that are MLS compliant for OPM 11i.

- SY_PARA_CDS_TL
- SY_TEXT_TBL_TL
- SY_TEXT_TKN_TL
- IC_TEXT_TBL_TL
- IN_TEXT_TBL_TL
- CR_TEXT_TBL_TL
- FC_TEXT_TBL_TL
- PS_TEXT_TBL_TL
- MR_TEXT_TBL_TL
- CM_TEXT_TBL_TL
- GL_TEXT_TBL_TL
- OP_ORDR_STS_TL
- OP_ORDR_TYP_TL
- OP_TEXT_TBL_TL
- PO_TEXT_TBL_TL
- OP_PRSL_TYP_TL
- TX_TEXT_TBL_TL
- GR_ITEM_GROUPS_TL
- GR_GENERIC_ML_NAME_TL
For more detailed information on these tables, please refer to the Oracle eTRM available on Metalink.
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