

*Industry-specific*

**QAD SOLUTIONS**

*Manufacturing Applications*

# **MFG/PRO eB2 User Guide Volume 1**

## **Introduction**

Welcome to MFG/PRO  
Using the Windows User Interface  
Using the Character User Interface  
Menu and Program Name Listing  
Glossary



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MFG/PRO eB2  
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# Welcome to MFG/PRO

This book introduces the MFG/PRO system. If you are new to the MFG/PRO product or the manufacturing environment, you should spend some time reading this section.

*How Is MFG/PRO Organized?* 2

*MFG/PRO Modules* 3

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## How Is MFG/PRO Organized?

All MFG/PRO users have one thing in common—they manage and control inventory. Whatever the industry, manufacturing process, or organizational structure, companies must track the products they manufacture or distribute. Accordingly, MFG/PRO is organized around business activities related to inventory management.

The first menu in MFG/PRO is the main menu. It has seven application-related sections—Distribution, Manufacturing, Financials, Customer Services, Master Data, Custom, and Supply Chain.

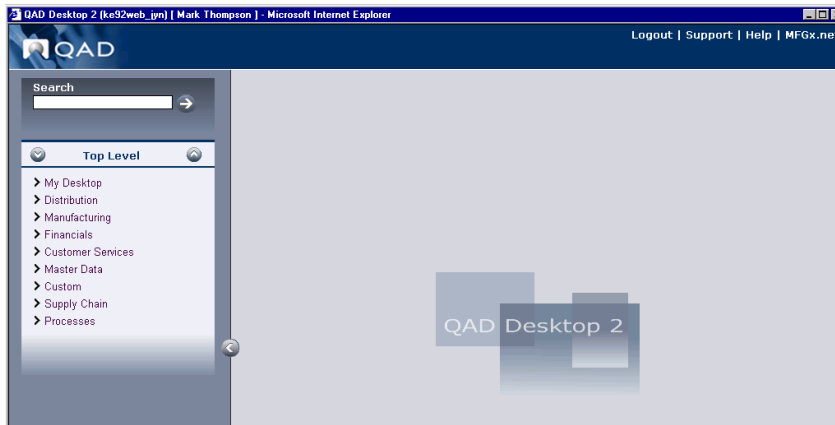
In turn, each of these sections consists of groups of related business activities called modules. In some cases, two related business activities are combined in one module, such as Formula/Process.

Two additional menu sections—My Desktop and Processes—apply only to the QAD Desktop interface. They let you access custom menus and personal bookmarks to Internet or intranet resources and view and use custom work flows created with Desktop’s Process Editor. You can read more about them in *User Guide: QAD Desktop*.

▶ See Figure 1.9 on page 30 for examples of main menus.

**Note** If you are using the character or Windows user interfaces, your main menu will look somewhat different, although the functions are the same in all interfaces.

**Fig. 1.1**  
MFG/PRO  
Main Menu





## MFG/PRO Modules

Within each of the seven sections of the main menu are several top-level menu items. Each of these menu items represents a module. Some modules sold separately are listed as submenu entries, such as Compliance (1.22) and Product Change Control (1.9). Contact your sales representative for configuration and pricing information.

### Distribution

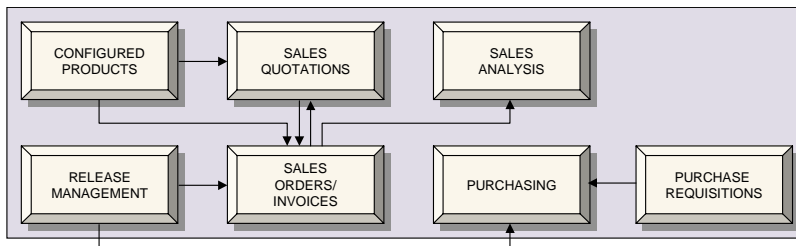


Modules in the Distribution section support two types of activity.

One kind of activity moves materials into inventory from external sources such as suppliers or other company sites.

The other kind of activity moves materials out of inventory to satisfy external demand such as customer sales orders and intersite transfers.

These modules are used by warehousing, distribution, and field customer service operations. Purchasing is also used in manufacturing operations to obtain raw materials, components, and receive services such as subcontracting.



**Fig. 1.2**  
Distribution  
Relationships

### Purchase Requisitions

The system provides two modules to manage purchase requisitions: the standard Purchase Requisition module and the optional Global Requisition module. Standard requisitions are created using functions in

the Purchase Requisition module. If you have purchased the optional Global Requisition module, you can create purchase requisitions that support multiple lines and a more complex approval cycle.

Purchase requisitions represent an authorization for a buyer to purchase a specific item or product. A requisition can be entered manually or generated by Material Requirements Planning (MRP) as a planned order.

### **Purchasing**

Use Purchasing to add and maintain purchase orders. A purchase order is the record of a supply of items or products to be delivered at a specific time in a specific quantity. A purchase order can be entered directly or entered by means of a purchase requisition.

Purchasing functions are tightly integrated with MRP to provide up-to-date information needed to execute the materials plan. An important function of Purchasing is to report purchase amount commitments by time period. This reporting synchronizes purchases and payments to correspond with cash receipts.

### **Sales Quotations**

Use Sales Quotations to maintain information on sales quotations to customers. Sales quotations can be released to Sales Orders/Invoices to create sales orders.

### **Sales Orders/Invoices**

Use Sales Orders/Invoices to input customer orders, release packing lists to shipping, print invoices, and maintain sales history. This module interfaces with Sales Analysis, Inventory Control, and Material Requirements Planning to provide a constant stream of data to facilitate accurate distribution, manufacturing, and sales management.

Posted invoices are automatically transferred to Accounts Receivable for aging, payment maintenance, and integration with General Ledger.

Advanced features of Sales Orders/Invoices include support for international shipping requirements and Enterprise Material Transfer (EMT). EMT automatically translates sales orders (and material orders in

Customer Services modules) into purchase orders and transmits them to the appropriate supplier in electronic data interchange (EDI) format using EDI ECommerce. EMT also manages and coordinates changes so that sales order and purchase order information is synchronized.

### **Release Management**

Release Management includes Customer Schedules and Supplier Schedules. Unlike discrete orders, scheduled orders are based on a set of scheduled shipment dates and quantities, and are typically used for high-volume or key component items.

### **Configured Products**

Configured Products lets you build products as requested by customers. Use this module to enter product configuration information, review configured items on orders, and release sales orders to work orders.

You can also define configured product bills, used to define option selections during order and sales quotation entry. Work orders can be created directly from these sales orders with a work order bill for the exact product configuration specified during order entry.

### **Sales Analysis**

Use Sales Analysis to track salesperson quotas and generate sales reports. Reports can be generated for year-to-date sales, margins, costs, and quotas. You can integrate Sales Analysis with Sales Orders/Invoices.

### **Consigned Inventory**

Two optional modules let you manage consigned inventory that you send to your customers or that your suppliers send to you.

- The Customer Consignment Inventory module lets you plan, order, ship, track, and report customer-consigned inventory using an automated system that reconciles inventories between suppliers and customers. Invoicing and AR transactions are deferred until the inventory is used by the customer.

- The Supplier Consignment Inventory module lets you plan, order, receive, stock, track, and report supplier-consigned inventory. Accounts payable (AP) transactions are deferred until you use the inventory.

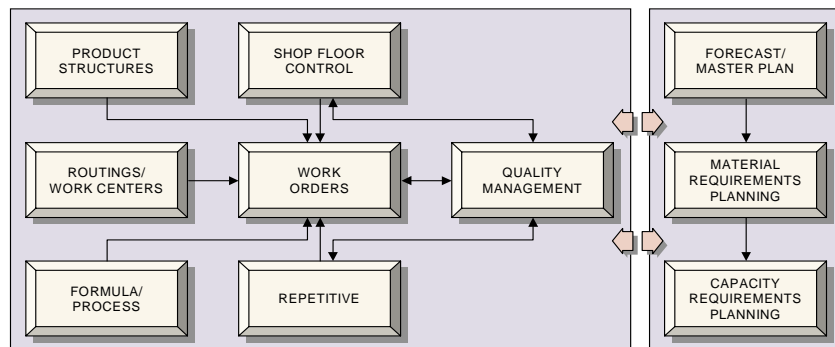
## Manufacturing

Manufacturing modules handle internal supply and demand. Material is moved out of inventory into production, or finished goods or components are moved from production into inventory. These modules are used for make-to-stock, assemble-to-order, process, job shop, flow, and repetitive operations, and support such operations as:



- Recording static information on manufacturing processes and the materials used to make products
- Determining requirements and availability for materials and resources used in production
- Tracking items that are produced
- Assigning demand orders to flow production line schedules in a lean manufacturing environment
- Tracking the movement of kanban-controlled items in and out of production in a lean manufacturing environment

**Fig. 1.3**  
Manufacturing Relationships



## Product Structures

A product structure—also known as a bill of material—is a definition of the relationship between parent and component items. Product structures are modular. A parent can be composed of one or more components, and each component in turn can be composed of other components.

Use Product Structures to add and maintain the list of components for each product and subassembly. Once a product structure has been defined for a product, it can be used to produce a higher-level product.

## Routings/Work Centers

Use Routings/Work Centers to define the departments, work centers, machines, standard operations, and routings involved in manufacturing a product. Routings can be printed on work order picklists and must be defined prior to using Shop Floor Control, Repetitive, or Advanced Repetitive. Routings can also be entered as processes in Formula/Process.

## Formula/Process

Use Formula/Process to add and maintain formulas and processes for each product and component item. This module enables you to define a process and link a batch formula or receipt with a percent of batch quantity usage for components.

## Work Orders

Use Work Orders to maintain work orders and print picklists and routings. This includes planning work orders, recording picklist issues, completing operations, and receiving the finished product into stock.

A work order includes a bill and a routing. A work order bill represents demand for component items. A work order routing represents demand for labor or machine capacity. Work orders can be entered directly, or entered as planned orders from Material Requirements Planning (MRP).

Components on a work order bill and operations on a work order routing can be changed once the work order is planned. This enables custom products to be manufactured and tracked. The Work Orders module provides a basis for shop floor control by scheduling operation start dates and due dates.

### Shop Floor Control

Use Shop Floor Control to record labor times and the status of operations. This module uses routings from Work Orders to calculate standard-versus-actual variances, as well as efficiency and utilization. Shop Floor Control uses detailed routings from Work Orders to gather data on the progress of work orders in the shop.

### Flow Scheduling

Flow scheduling supports the principles of lean manufacturing by letting you create time-phased, sequenced production line schedules that can be linked with existing demand orders and work orders. Flow scheduling tools let you analyze the effects of different production line scenarios on flow rates, as well as measure how well actual production tracks the scheduled production.

### Kanban

Kanban production is common in some flow and repetitive manufacturing environments. The Kanban module lets you identify items that are kanban controlled, maintain kanban-related data for these items, automatically calculate the number of kanban cards based on number of containers, and use kanban transactions to track and manage the movement of kanban-controlled items in and out of production. Kanban also prints kanban cards on demand.

### Repetitive

There are two versions of this module: Repetitive and Advanced Repetitive. The Repetitive module works well when manufacturing lead times are relatively short and work is complete by the end of each day. The Advanced Repetitive module supports manufacturing environments

with long manufacturing lead times and continuous processing over extended periods. In these environments, tracking WIP becomes more important. Advanced Repetitive also supports subcontract operations.

Use repetitive functions to enter daily production schedules and report actual production in repetitive manufacturing environments that do not use work orders. Labor, scrap, and downtime are reported by item number and operation only. As operations are reported, components are issued automatically.

Use Advanced Repetitive to obtain the following additional features:

- Cumulative work order processing
- Scrap, reject, rework, adjustments reporting
- Subcontract and non-milestone processing
- More detailed control of scheduling

### Quality Management

Use Quality Management to test incoming material, finished products, and inventory, and to inspect first articles, processes, or items in process. You can define specifications, as well as test procedures and inventory sampling. This module supports destructive testing and contains programs that record test results. For all but in-process inspection, you manage quality with quality orders, which are documents that specify what is tested, how, and when.

### Forecasting/Master Schedule Planning

This module is split into two business activities: forecasting and master scheduling.

Use forecasting functions to calculate and maintain individual item or product group forecasts used by master scheduling and MRP.

Use master schedule planning functions to help you define master production schedules for end items, critical subassemblies, and service parts. This module uses inputs from forecasting, sales orders, work orders, and purchasing to calculate gross requirements and available-to-

promise quantities. You can also enter seasonal build schedules from seasonal forecasts and create multilevel master schedules for items whose demand is dependent on demand for other items.

### Material Requirements Planning (MRP)

MRP uses product structures, inventory, the master schedule, and independent demand to summarize supply and demand from other modules and create work orders and material plans.

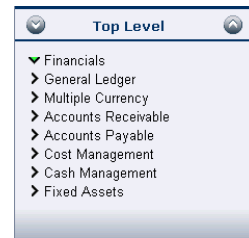
### Capacity Requirements Planning (CRP)

Use CRP to recalculate time-phased capacity plans and produce capacity planning reports. CRP calculates load from planned and/or released work orders, as well as exploded repetitive schedules. Work center/machine requirements are expressed in hours and can be reported within user-specified time periods based on days, weeks, or months.

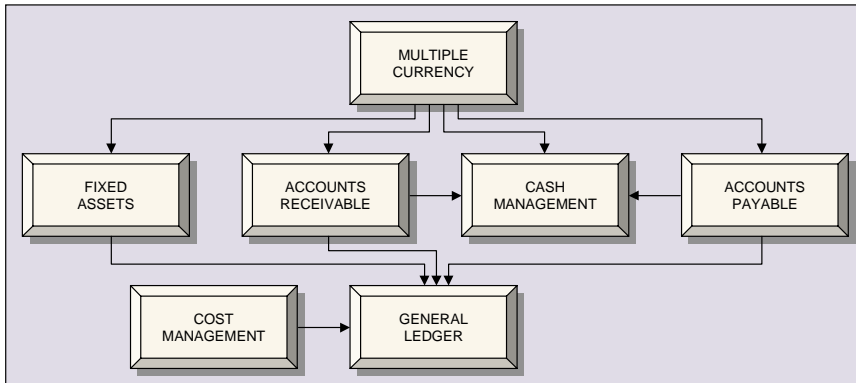
## Financials

These modules support financial activities and system administration.

General Ledger, Accounts Receivable, and Accounts Payable track the financial effects of activities in other modules. You can set up multiple currencies and exchange rates, develop simulated costs and copy them to multiple cost sets, and track cash disbursements. You can also use Financials to track your fixed assets from acquisition to retirement.







**Fig. 1.4**  
Financials  
Relationships

## General Ledger

Use General Ledger (GL) to set up a chart of accounts, enter budgets, and manage GL journal transactions; to set up and review GL daybooks; to review, modify, and post transaction entries from subsidiary ledgers such as accounts payable; to set up intercompany accounts; and to produce financial reports. GL transactions can be reported for any time period and for any financial entity. GL reports can be produced at any level of detail or consolidation.

## Multiple Currency

The Multiple Currency module provides a full set of functions that enables your system to support monetary amounts expressed in either the system base currency or in a non-base (foreign) currency. Foreign currencies can be used with purchase orders, sales quotations, sales orders, price lists, accounts receivable, accounts payable, and customer services. In General Ledger, foreign currencies can be used when entering transactions or setting up balance sheet accounts for assets and liabilities.

Use Multiple Currency to define currencies, maintain exchange rates, and set up bank codes. You must define one currency as your system base currency and specify it in System/Account Control (36.1). You can define as many other currency codes as your company uses.

If your company is located in the European Monetary Union (EMU) or does business with companies in the EMU, you can also define features to accommodate the new common currency of the EMU—the euro.

### Accounts Receivable

Use Accounts Receivable to enter debit and credit memos, apply payments, and track balances owed by customers. Balances can be entered directly as memos or transferred from Sales Orders/Invoices. Accounts Receivable can be used alone or in combination with other modules.

Before using Accounts Receivable, set up default information for customers such as credit terms, tax rates, ship-to addresses, and salespersons. Also define detail information for items such as product lines, GL accounts, cost centers, and prices in the appropriate modules. In Sales Orders/Invoices, Accounts Receivable is integrated in Sales Order Control (7.1.24).

### Accounts Payable

Use Accounts Payable to record amounts owed to vendors and to process and print payments for those amounts. Accounts Payable can be used alone or in combination with other modules, including Purchasing. Before using Accounts Payable, set up GL accounts, vendors, credit terms, and bank accounts in the appropriate modules.

### Cost Management

Use Cost Management to create and maintain an unlimited number of cost sets. You can:

- Create and maintain different GL and current cost sets for each site and use different costing methods.
- Establish cost planning sets to be automatically activated at specified dates to recognize expected material or other cost changes.
- Retain inactive cost sets to generate historical comparisons.
- Specify default source cost sites for items held at multiple sites in one database. You can assign costs for items to specified sites regardless of where the items are produced or stored.

### Cash Management

Use Cash Management to review and control your cash position. You can maintain bank statements in the online Cash Book. When the bank sends a statement, payments and other amounts are recorded in the Cash Book. The information on the statement then updates system records in the same way as other payments.

### Fixed Assets

Use Fixed Assets to set up, maintain, transfer, and retire your company’s fixed assets. The fixed-asset depreciation system is integrated with the General Ledger module. Often, depreciation is calculated one way for internal reporting and another way for tax purposes. Using Fixed Assets, you can set up asset records specifying how depreciation will be calculated for each kind of reporting.

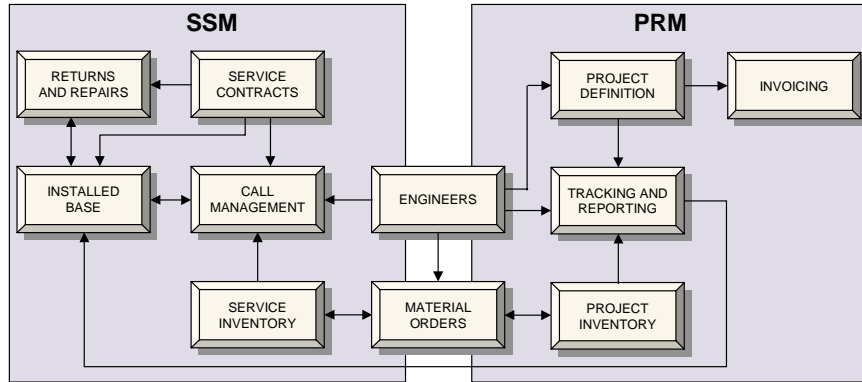
Depreciation is calculated using either equations or tables. Conventions can be used in conjunction with equations for depreciation calculations in the first, last, and disposal years of an asset’s life.

### Customer Services

Customer Services currently consists of two modules: Project Realization Management (PRM) and Service/Support Management (SSM). Both modules support activity that occurs after a product is sold. SSM supports traditional service activities such as warranties, contracts, returns, and call tracking. PRM provides tools for managing long-term installation activities at a customer site that combine both items and services.



**Fig. 1.5**  
Customer Services  
Relationships



### Project Realization Management (PRM)

PRM provides a set of tools that enable you to define, track, and invoice projects that are delivered to or implemented at customer sites.

#### Project Definition

Use PRM features to set up projects with item, labor, and expense components and tailor them to specific customer, engineering, and billing requirements. Then, translate the project design into sets of related activities and reference these on project activity orders (PAOs) that define how the project is executed.

#### Project Inventory

Use material orders (MOs) and project purchase orders to obtain required items from internal and external suppliers and ship them to designated project locations. These locations let you track and reserve project items separately from other items in the system.

#### Invoicing

Flexible invoicing features let you invoice projects after they are complete or over time in a series of predefined increments. You can also request and process prepayments from project customers as needed.

▶ For more on MOs, see “Service Inventory” on page 16.

## Tracking and Reporting

PRM lets you track projects in multiple ways throughout their life cycle. As project activity is completed, record the actual quantities and costs of the item, labor, and expense components consumed and update Work in Process (WIP) with the issue costs. Detailed inquiries and reports let you plan and evaluate project activity throughout the project life cycle.

You can generate budgets for tracking actual project costs and comparing them to planned costs. In addition, automatically generated general ledger (GL) project codes let you trace project activity in the GL.

## Service/Support Management (SSM)

SSM enables you to manage interactions related to the support, maintenance, and repair of items covered by warranty or service contract.

Features of SSM are grouped in several functional areas, which can be used interchangeably to build an effective service solution.

### Installed Base

SSM enables service organizations to maintain information about the products they sell or service and the individuals who own them. This information is collectively referred to as the installed base (ISB). Comprehensive installed base information is a foundation for effective customer service. The installed base can be updated directly from sales shipments and other service activities, as well as manually.

### Service Contracts

Service contracts define a relationship with the service customer and multiple end users and items, specifying the cost, terms, and conditions for such things as telephone support, field repairs, and maintenance. Before a contractual agreement is signed, service quotes can be generated, and later released to contracts.

## Call Management

SSM handles incoming calls and entitlement recognition. To ensure that calls are responded to in a timely manner, each service organization can set up escalation rules. Calls can be moved from one queue to another with increasing priority until a response is made. Call defaults streamline call creation for calls that follow predefined patterns.

When engineers complete a service activity, they can easily record activity details in the system. If established repair sequences are used, item and labor usage is automatically loaded. As activity is recorded, the system uses coverage levels and limits of any applicable contract or warranty to determine who is responsible for payment.

## Service Engineers

User-defined rules can also be created for managing assignment of service personnel. Engineers are ranked for selection based on a weighted point system. When a new call is assigned, an automatic paging system can be used to notify the engineer.

## Service Inventory

Inventory required for service activity is managed using material orders (MOs). MOs are similar to sales orders, without invoicing information. MOs can be created, confirmed, allocated, and shipped like sales orders. However, MO shipment is actually an inventory transfer, moving items from stocking locations in preparation for use in service activity.

## Returns and Repairs

Return Material Authorizations (RMAs) are used to manage simple returns. A replacement item can be sent, either before or after the returned item is received. Returned items can be sent back to the original supplier or repaired and returned to stock.

RMA processing is fully integrated with the installed base and coverage recognition. Invoices or credits are generated and tracked in the Sales Orders/Invoices module.

## Master Data

Use the modules in Master Data to set up basic business information— item codes, address codes, site codes, and inventory control information. Also use Master Data to perform administrative functions pertaining to users, security, printers, and other administrative functions that apply throughout MFG/PRO.

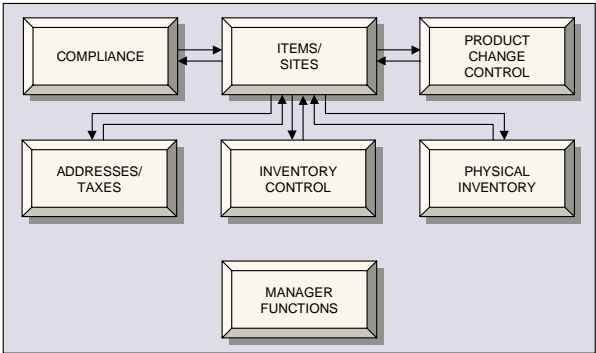


Fig. 1.6 Master Data Relationships

## Items/Sites

Use Items/Sites to add and maintain product lines, items, sites, units of measure, and price lists. Other modules in the Items/Sites menu include Product Change Control (PCC) and Compliance. The Compliance and PCC modules are available separately.

Every item must be associated with a product line, which is used to:

- Group items or products on reports.
- Associate GL accounts with items or products.
- Plan production, shipments, orders, inventory, and backlog levels.

Items and products must be entered in this module before they can be used in other system modules. Supplier and customer item numbers can be entered as well. There is no practical limit to the number of items or products that can be maintained.

## Product Change Control

Use Product Change Control (PCC) to control and monitor product changes from inception through implementation. With PCC, you can modify item engineering data, product structures, routings, formulas, processes, and item specifications without affecting the records that control activity in your database. You can define an approval cycle for product changes. After approval, changes can be incorporated into the database tables that manage product definition.

## Compliance

Use Compliance to ensure manufacturing practices comply with government regulations such as the Food and Drug Administration (FDA) Current Good Manufacturing Practices, and with international agreements such as the North American Free Trade Agreement (NAFTA) and General Agreement on Tariffs and Trade (GATT).

## Addresses/Taxes

This module contains two business activities: Addresses and Taxes. Other modules in the Addresses/Taxes menu include Intrastat and Logistics Accounting. These modules are available separately.

Use Addresses to add and maintain customer, employee, salesperson, supplier, carrier, and company information, including addresses, ship-to and remit-to codes, and master comments. Also define address-related data such as country codes, shipping groups, banks, freight charges, credit terms, and trailer codes.

Use Taxes to set up and maintain the Global Tax Management (GTM) system. GTM provides support for many different kinds of regional tax systems. It features precise tax calculations, complex tax environments, taxes for multiple countries in the same database, as well as other features important to international companies.



## Intrastat

Use the Intrastat module if you do business with European Union member countries and need written documentation of inventory movements to meet legislative requirements.

## Logistics Accounting

For some companies, a significant proportion of purchases are imports. For others, the shipment of goods by a third-party carrier is a frequently occurring expense. In these cases, transportation costs can have a large financial impact since they can represent a high percentage of the total delivered cost.

Use Logistics Accounting to define and track the individual costs associated with the transportation of goods into and out of company locations. You can build these costs into the standard cost for items or track them as an expense in the general ledger.

## Inventory Control

Proper procedures in the physical control of inventory are necessary for accurate materials planning. If the balances on hand are not correct, items may be ordered before needed, or not ordered in time. Use Inventory Control to create inventory receipts, issues, transfers, and cycle count adjustments. You can generate reports based on inventory transaction history, and trace lot/serial numbers as they are used in the system.

## Physical Inventory

Physical Inventory is a submodule of Inventory Control. Use its functions to count items and products on hand. Counts are manually recorded with inventory tags, then tag counts are entered to update live inventory balances.

## Manager Functions

Use Manager Functions to define a broad range of system data and perform other specialized, administrative tasks. You can define system constants such as codes, calendars, time zones, and number ranges. You

can also execute operating system commands, set up printers, maintain system security, register applications, modify the user interface, and set up application servers.

Features in Manager Functions report master comments, report unposted GL transactions, manage batch run requests, access CIM interface functions, dump/load data files, load archive files, and report control settings.

### External Interfaces

Manager Functions includes programs for accessing external programs through interfaces and application programming interfaces (APIs), as well as for developing your own interfaces (Q/LinQ). You can access programs designed to interface with warehousing systems, planning systems, and sales and use tax systems. You can also use a Logistics API built with Q/LinQ to interface with extended supply chain systems.

Q/LinQ provides a set of interface development tools that includes APIs and related common functions. It facilitates the creation of interfaces to other applications such as logistics and distribution systems, factory automation systems, scheduling systems, and sales order entry applications.

### Multiple Databases

Use Multiple Databases to operate multiple inventory sites on multiple databases and computers and to process transactions or plan inventory requirements across sites. Programs in this module retrieve and update data in other databases and manage database connections, whether automatic, manual, or scripted.

Database connection information is accessed for all multiple database functions: central sales orders, distributed purchase orders, and Distribution Requirements Planning (DRP). When these functions are invoked, MFG/PRO accesses the database connected to the site specified on the transaction. As long as the network connection is operating, the connection is invisible to the user.

### Custom

This section can be used for organizing customized programs that your company creates and uses.

### Supply Chain Management



Supply chain management is the movement of goods and information from suppliers and multiple company sites through the manufacturing process.

Modules in this section support supply chain planning practices—distribution, product line, resource, and operations—as well as electronic data interchange (EDI) transactions using EDI ECommerce.

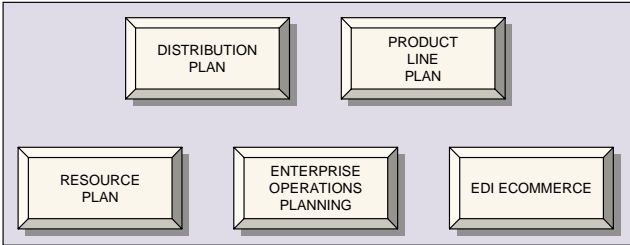


Fig. 1.7 Supply Chain Modules

#### Distribution Plan

Use Distribution Plan to create a distribution requirements plan (DRP) and manage its results. Distribution Plan balances supply and demand between sites by calculating item requirements, creating planned orders, and managing shipment schedules and transportation.

#### Product Line Plan

Use Product Line Plan to plan shipments, production, inventory, backlog, and gross margin by product line. The product line production forecast can then be used to project resource requirements.

### Resource Plan

Use Resource Plan to plan the main resources of a manufacturing plant. Resources can be associated with any item or product line. This module uses either the production plan or master schedule to produce resource requirements reports and inquiries.

### Enterprise Operations Planning

Enterprise Operations Planning transforms sales forecasts from Forecasting/Master Schedule Planning into production and purchasing requirements that can be used by MRP, DRP, Purchasing, Repetitive, and Work Orders. Enterprise Operations Planning takes into account quantity-on-hand inventory from Inventory Control and supports planning at multiple levels, including product family and end item.

### EDI ECommerce

Electronic data interchange (EDI) is an international protocol that defines means and methods for electronic transmission of documents. It is commonly used with distribution functions such as release management to facilitate electronic transfer of standard business transaction documents.

EDI can be used to transmit a variety of documents, but most common are purchase orders and supplier schedules, sales orders and customer schedules, invoices, and advance ship notices (ASNs).

In MFG/PRO, EDI ECommerce is a globally deployable EDI solution that features reduced installation and support requirements. EDI ECommerce processes international EDI document standards with most major third-party EDI communications or translation software—referred to collectively as EC subsystems—currently on the market.

## PRO/PLUS Modules

An additional set of modules is available as a separate package called PRO/PLUS.

### WIP Lot Trace

The WIP Lot Trace (WLT) module can be used with manufacturing environments supported by the Repetitive, Advanced Repetitive, or Work Orders modules. It adds WIP lot and serial tracing and reporting functions to MFG/PRO. Tracing records are created at the operation level whenever registered resources are consumed or produced.

### Container and Line Charges

The Container and Line Charges (CLC) module provides suppliers a way to track and invoice customers for:

- Shipping containers, such as pallets, crates, or bins
- Extra line charges, such as shipping, painting, and detailing

### Self-Billing

The Self-Billing module lets you process customer-initiated payments by applying payment to invoices based on line-item shipper details.

### Supplier Performance

The Supplier Performance module enables manufacturers to monitor the performance of their internal and external suppliers. Depending on your manufacturing environment, you can customize the way your system collects performance data as well as how you report performance metrics. You can create your own data collection points or use the ones predefined in the system.

### Shipment Performance

The Shipment Performance module lets you monitor shipping effectiveness by measuring how a shipping department meets customer-requested ship dates and quantities. You can choose which date to use for measuring performance based on your business practices: the line-item performance date, due date, or required date.

You can collect shipment performance data for a wide variety of shipment types including discrete and scheduled sales orders, return material authorizations (RMA), distribution orders, and material orders.

### Supplier Shipping Schedules

Standard MFG/PRO Release Management supports one type of supplier schedule that combines short-term and long-term requirements. The PRO/PLUS Supplier Shipping Schedules module lets you generate separate supplier planning and shipping schedules.

### Customer Sequence Schedules

Standard MFG/PRO Release Management supports customer shipping and planning schedules, which convey short-term and long-term customer requirements. The PRO/PLUS Customer Sequence Schedules (CSS) module lets you receive and process shorter term, more detailed customer sequence schedules—EDI document type 866.

A customer sequence schedule provides a detailed, short-term view of a customer's planned requirements. These requirements typically span no longer than a week, and are sent to you, the supplier, in the order that your customer's manufacturing environment plans to consume them.

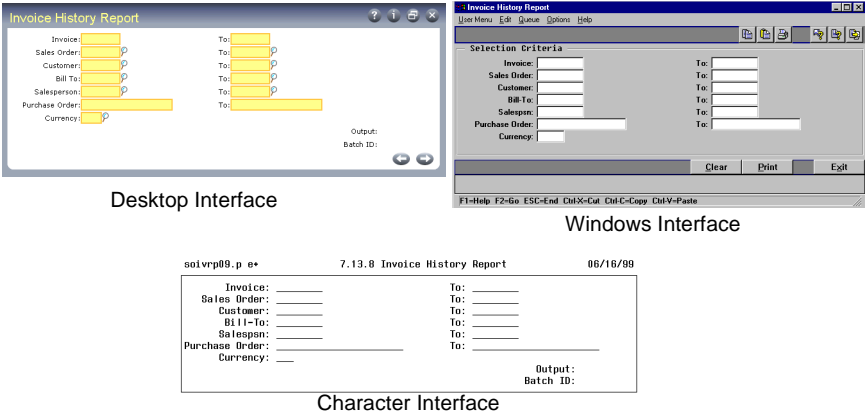
# Using MFG/PRO

MFG/PRO features three user interfaces (UIs):

- MFG/PRO for Windows. This graphical user interface is designed to run on Windows clients in both UNIX and Windows client/server environments. ▶ See page 39.
- Character mode. This is the original user interface. It is primarily intended for UNIX-based environments with character clients. ▶ See page 79.
- QAD Desktop. This browser-based UI is designed for use over a company intranet or wide-area network. It features screens that display as HTML pages, full text search, multiple detached windows, and a Process Editor for creating work flows with active Uniform Resource Locator (URL) links.

**Important** This volume includes only summary information on QAD Desktop. For complete information on setup and use, see *User Guide: QAD Desktop*.

Figure 1.8 shows how a standard MFG/PRO report—Invoice History Report—displays in all three interfaces.



**Fig. 1.8**  
Contrast Between  
User Interfaces

## Program Types

While each interface has unique display characteristics, they all support the following types of programs:

- Maintenance programs
- Inquiry and report programs
- Browse programs
- Transaction programs
- Utility programs

This section summarizes the characteristics and functions of each type of program.

### Maintenance Programs

Maintenance programs are used to create basic codes such as customers, inventory items, GL accounts, currencies, and other data. They are also used to record transactions that initialize business activity in a module.

When you enter data in a maintenance program, an entry (called a record) is made in one or more tables controlled by the maintenance program. For example, customer records are stored in the customer master table controlled by Customer Maintenance (2.1.1).

### Inquiry and Report Programs

Inquiries and reports retrieve and display database records. Inquiries are primarily used to answer specific questions. Reports usually provide more detail and are printed for a range of data records. You select data by entering a specific range of criteria, such as item number or date.

Typically, inquiries are viewed online and reports are sent to a printer or file. However, you can also print inquiries and view reports. In addition, other output options, such as e-mail, are available.



## Browse Programs

Browsets are inquiry programs with advanced features such as filtering, sorting, and printing information. They can be used as *drill-down* browses within programs. Based on whether you choose to display substitute programs on the menus, browses can also replace many of the simple inquiries throughout the menus. How you access them depends on your user interface.

*Look-up browses* are one form of online help. When attached to individual fields, these simplified browses display the records in the associated master tables. You can then select a value and have the system insert it into the field.

Two user interfaces—QAD Desktop and MFG/PRO for Windows—provide tools that let you display browse data in graphical form such as pie charts and bar charts.

▶ See *User Guide Volume 9: Manager Functions* for information on how a system administrator can design custom browses and attach browses to fields.

**Tip**  
Browse graphing is not available in the character interface.

## Transaction Programs

Transactions express the core business activities of a company. They control and record activities related to business documents such as sales orders and invoices. An example of a transaction is receipt of a shipment for a purchase order using Purchase Order Receipts (5.13.1).

## Utility Programs

Utility programs enable you to manage and perform calculations in internal databases. In Purchasing, Closed PO Delete/Archive (5.23) is a database management utility, and in MRP, Net Change Materials Plan (23.1) causes the system to run net change MRP calculations. Both are utilities.

Often utilities are designed to be used only once. For example, many utilities perform one-time data conversions following system upgrades.

## Types of Data

An MFG/PRO database contains three types of data:

- Control data
- Transaction data
- Static data

### Control Data

When you implement a module, you enter data that the system uses later to control how the system interacts with users and with the database. This data is stored in control tables.

Control tables enable you to adapt MFG/PRO to your environment. The data and settings in these tables determine how certain programs are displayed, the numbers assigned to transactions, the GL accounts for particular transactions, and so on. When you can manage a typical manufacturing function in more than one way, control settings enables you to establish a preference.

### Transaction Data

Most data in the database is transaction data. Every day, sales orders come in, purchase orders go out, and work orders make demands on and create material for inventory. These events result in transactions, which are stored in transaction tables. In contrast to control programs, transaction tables are constantly updated by users of the system.

### Static Data

Static data contains information about the basic building blocks and relationships of a company—the ways it does business, and the entities it does business with. Static data is used to create transaction records. However, static data is changed infrequently. Examples of static data are records for customer, supplier, and employee addresses, items, inventory sites and locations, and GL accounts.

## Interface Elements

While the three user interface modes vary in appearance and navigation techniques, they all have some elements in common. The primary interface displays in the form of a hierarchical menu. You then select a menu item, which displays a set of fields, grouped in frames.

### Menus

Regardless of the type of interface your system uses, access to features of MFG/PRO is controlled by a hierarchical menu system. Selecting a menu item either launches an application or drills down to a lower-level submenu.

**Note** The exception is QAD Desktop, which supports additional ways to access programs, such as through search, process diagrams, and custom hypertext links. However, even with Desktop, the traditional menu system is available.

▶ See *User Guide: QAD Desktop* for details.

The interfaces provide multiple access points to application programs. For example, you can launch a program by entering its Progress name or menu number on a command line in any interface. The Desktop and Windows versions of MFG/PRO offer point-and-click program launch as well as other interface-dependent methods of executing applications.

In MFG/PRO for Windows, individual users can select from three menu styles:

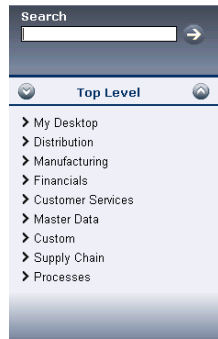
- Icon-style hierarchical menus
- Tear-off menus and submenus
- Character-style menu

▶ See “Selecting a Menu Style” on page 41.

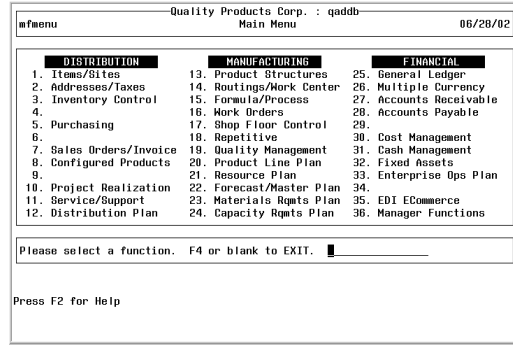
Figure 1.9 contrasts the appearance of the Main Menu in the three interfaces.

**Fig. 1.9**  
UI-Specific  
Main Menus

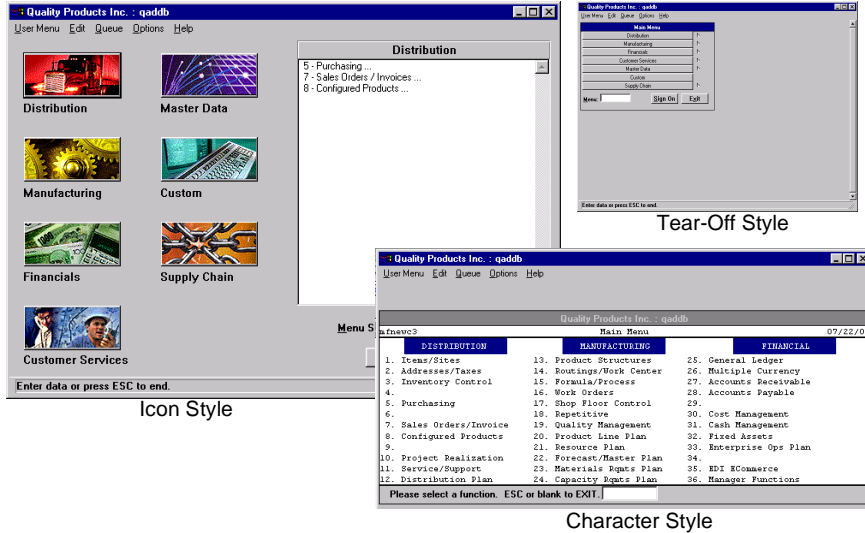
**QAD Desktop Interface**



**Character User Interface**



**Windows User Interface (Three User-Selectable Menu Options)**



**Fields**

A field is a piece of data that is stored as an individual unit in the database. The system expects you to enter a certain kind of data in the field. For example, a field labeled Customer would store only codes for customer address records.

Usually, you can enter or change data in a field, but sometimes the field displays system-generated data. If the system administrator has secured a field—that is, restricted user access—and you do not have access, you can see the field value but cannot update it.

▶ See *User Guide Volume 9: Manager Functions* for details on security.

MFG/PRO uses different types of fields:

- A logical field requires a simple Yes or No response. In some interfaces, such as Desktop, these display as check boxes. Logical fields are like switches—you can turn them either on or off.
- Character fields accept alphanumeric data.
- Date fields accept valid dates only.
- Integer and decimal fields require numeric input.

## Codes

Data entry in individual programs is simplified by codes. Each code usually represents a record with several pieces of data. For example, a customer address code is set up with the customer's name, address, phone numbers, and so on. Once the code is set up, you enter the code and the system automatically retrieves all the information in the data record during processing.

In daily processing, codes are entered on transactions to simplify data entry and on inquiries and reports to access data records. During implementation, codes are entered in control programs as default values for transactions. Codes can also be associated with other codes when setting up static data such as addresses.

## Frames

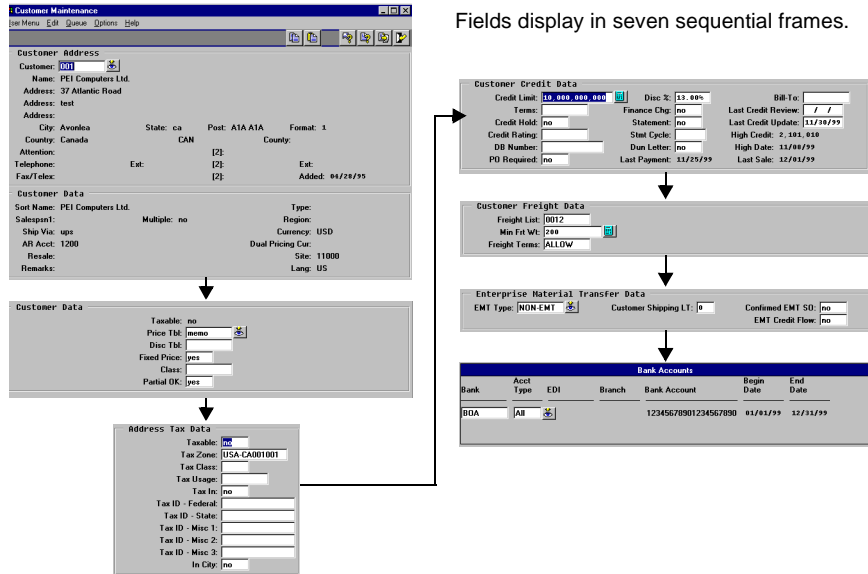
When you look at a program screen, you see a group of fields. Fields are highlighted in color (lighter or darker), in reverse video, or underlined, depending on the kind of interface you are using. This group of related fields is called a frame.

When a program requires more than one frame, you must complete the first frame to get to the second, and so on.

Most maintenance programs in Desktop display as HTML pages using the same sequence of frames that display in character and Windows. A few maintenance programs display the traditional character interface in a terminal-emulation window.

Figure 1.10 shows an example of Customer Maintenance (2.1.1) as it appears in the MFG/PRO for Windows interface.

**Fig. 1.10**  
Sample Windows  
Maintenance  
Program



Fields display in seven sequential frames.

## User Interface Manager Functions

See *User Guide Volume 9: Manager Functions* for details.

Several user interface management programs are intended primarily to let system administrators modify various aspects of the user interface. Some of these programs are provided on the System Interface menu (36.4). Others are provided on the UI: Manager Functions menu (36.20).

See *User Guide: QAD Desktop* for details.

Several additional interface management programs are designed specifically for the Desktop. They are included on the Desktop Menu (36.20.10).

## MFG/PRO Documentation

The software ships with a complete set of related documentation on CD in a format viewable online with the free Acrobat Reader available from Adobe Systems Inc. These documents are also available in printed book format.

The documents on CD can be installed on a network drive to facilitate information retrieval, since many people can view the documents at the same time. Hypertext navigation enhances quick access to relevant details.

### MFG/PRO User Guide Set

The user guide set provides a conceptual framework for how the system works, as well as practical implementation and usage information. For detailed information on fields and procedures for most modules, refer to the online help.

*User Guide Volume 1: Introduction.* This volume includes summary information about the system and a guide to the character and Windows user interfaces, as well as a menu listing and a comprehensive glossary.

*User Guide Volume 2A: Distribution.* This volume covers Purchasing, Global Requisitions, Sales Quotations, Sales Orders/Invoices, Available to Promise, Consolidated Order Processing, Shipping, Enterprise Material Transfer, Configured Products, and Sales Analysis.

*User Guide Volume 2B: Distribution.* This volume covers Customer and Supplier Consignment Inventory.

*User Guide Volume 3: Manufacturing.* This volume covers Product Structures, Routings/Work Centers, Formula/Process, Co-products/By-products, Work Orders, Shop Floor Control, Flow Scheduling, Kanban, Advanced Repetitive, Repetitive, Quality Management, Forecasting/Master Schedule Planning, MRP, and CRP.

*User Guide Volume 4A: Financials.* This volume covers System/Account Control, General Ledger and Daybooks, General Ledger Report Writer, Multiple Currency, Accounts Receivable, Accounts

Payable, Evaluated Receipts Settlement, Cash Management, and Costing. For users within the European Monetary Union (EMU), an appendix documents features that can be used during the transition of currencies to the euro as well as how to convert the base currency of a database to the euro.

*User Guide Volume 4B: Financials.* This volume covers the Fixed Assets module.

*User Guide Volume 5: Supply Chain.* This volume covers Enterprise Operations Planning, Distribution Requirements Planning, Product Line Planning, and Resource Planning.

*User Guide Volume 6: Master Data.* This volume covers Items/Sites, Pricing, Product Change Control, Compliance, Addresses, Logistics Accounting, Intrastat, Inventory Control, Physical Inventory, and Global Tax Management.

*User Guide Volume 7: Release Management.* This volume covers Customer Schedules, Supplier Schedules, and EDI ECommerce.

*User Guide Volume 8A and 8B: Service/Support Management.* These volumes cover features of Service/Support Management including the Installed Base, Service Setup, Contract and Warranty Types, Automatic Pricing, Service Contracts, Multiple Time Zones, Call Management, Call Quotes, Call Activity Recording, Call Invoice Recording, Call Escalations, Material Orders, Engineers and Scheduling, Service Structures and Routings, Return Material Authorizations, and Returns to Suppliers.

*User Guide Volume 9: Manager Functions.* This volume covers the administrative functions on the Manager Functions (36) menu, including System Constants, Users and Security, System Interface, Multiple Databases, Printers and Batch, CIM Interface, Database Management, Reporting, Application Servers, and User Interface Management.

*User Guide Volume 10: Project Realization Management.* This guide covers the features of the Project Realization Management module.



*User Guide Volume 11: PRO/PLUS.* This guide covers optional modules available with the PRO/PLUS package, including Work In Process (WIP) Lot Trace, Self-Billing, Supplier Performance, Container and Line Charges, Shipment Performance Reporting, Supplier Shipping Schedules, and Customer Sequence Schedules.

## Related Documentation

*Release Bulletin.* This bulletin provides a summary of new product features.

*User Guide: QAD Desktop.* This guide describes how to access programs over a company intranet or wide-area network using a Web browser. It includes details on using the QAD Desktop interface, creating URL links, and using browses and report. It also describes the Process Editor and how to create clickable work-flow maps, as well as how to set up special security features and customize the interface.

*External Interface Guides.* These volumes describe the interfaces between MFG/PRO and external applications. For example, they cover the application program interface (API) between MFG/PRO and the Sales and Use Tax Interface (SUTI) and the Warehousing Interface. Another guide describes Q/LinQ, which is a set of tools and supporting functions for complex data exchange between MFG/PRO and external systems.

*Database Definitions.* This book is intended for system administrators and programmers doing software conversions and custom programming. Cross-references for identifying new, changed, and deleted tables, fields, and indexes are included after the main section. Database tables are listed alphabetically.

*Entity Diagrams.* This guide details the major relationships between tables in the MFG/PRO database. Diagrams are included that may be helpful to:

- Programmers interested in custom development. Diagrams show relationships that must be preserved in any customization or modification.

- Programmers writing queries or custom reports. Diagrams show which tables can be joined and the field specifications required to join them. All possible table relationships are not shown.
- Administrators interested in the availability of custom reports. Diagrams show which reports you can prepare.
- Users of Progress Results who want to determine the relationships available for reporting.

*Installation Guides.* These guides provide detailed instructions for installing MFG/PRO on your client and server systems. Individual guides are available for Progress and Oracle databases.

*Conversion Guide.* This guide provides detailed instructions for upgrading your earlier version of MFG/PRO to MFG/PRO eB2. It covers both Progress and Oracle databases.

## QAD Web Site

QAD's Web site provides a wide variety of information about the company and its products. You can access the Web site at:

<http://www.qad.com>

For users with a QAD Web account, MFG/PRO documentation is available for viewing or downloading at:

<http://support.qad.com/documentation/>

You can register for a QAD Web account by accessing the Web site and clicking the Accounts link at the top of the screen. Your customer ID number is required. Access to certain areas is dependent on the type of agreement you have with QAD.

Most user documentation is available in two formats:

- Portable document format (PDF). PDF files can be downloaded from the QAD Web site to your computer. You can view them with the free Adobe Acrobat Reader. A link for downloading this program is also available on the QAD Web site.
- HTML. You can view the complete set of user documentation through your Web browser. The documents include search tools for easily locating topics of interest.

Features also include an online solution database to help users answer questions about setting up and using the product. Additionally, the QAD Web site has information about training classes and other services that can help you learn more about MFG/PRO.



# Using the Windows User Interface

This chapter covers screens, menus, and navigation in the Windows graphical user interface (GUI) environment.

|                                   |           |
|-----------------------------------|-----------|
| <i>Introduction</i>               | <b>40</b> |
| <i>Starting MFG/PRO</i>           | <b>40</b> |
| <i>Program Interface Elements</i> | <b>41</b> |
| <i>Browses and Graphs</i>         | <b>65</b> |
| <i>Output Devices</i>             | <b>73</b> |
| <i>Windows Keyboard Commands</i>  | <b>76</b> |

## Introduction

The Windows user interface is a graphical user interface (GUI) system that offers user-selectable menu styles. MFG/PRO programs include various tool icons and pull-down menus that can be used with a mouse to execute most user commands or options. Keyboard accelerator commands are also available for all functions.

## Starting MFG/PRO

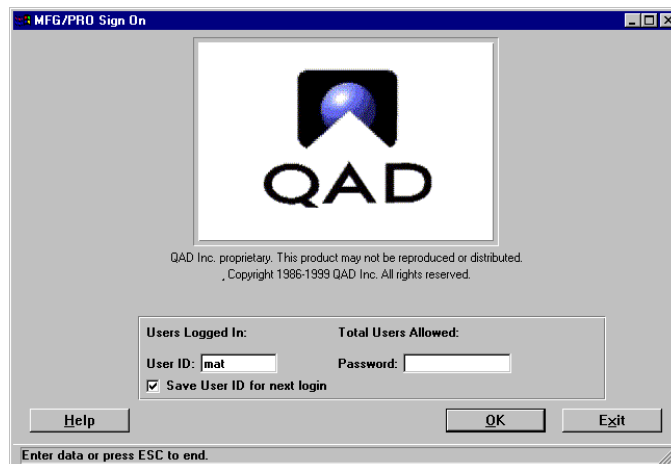
Start MFG/PRO by choosing it from the Windows Start menu or by double-clicking on its icon on the desktop or in a program group.

The sign-on screen is the first screen you see. From it, you can:

- Enter your user ID.
- Enter your password.
- Get help about signing on.
- Sign on to the system.
- Exit from the system.

**Note** You must be a valid user defined in MFG/PRO to log in. Your password can be blank only if the password in your user record is blank.

**Fig. 2.1**  
Sign-On Screen



## Program Interface Elements

### Selecting a Menu Style

The Windows user interface offers three menu styles:

- The icon menu style has large buttons that lead you into the different parts of the system and show you a hierarchy of your location in a submenu.
- The tear-off menu style lets you select the menus you use most often and keep them visible in the MFG/PRO window.
- The character-based menu style emulates the look of the traditional character menu.

The system administrator can specify a different menu style for each user in User Maintenance (36.3.18).

**Note** Menu style changes do not display until the next time you log in.

The screenshot shows a Windows-style window titled "User Maintenance" with a menu bar (User Menu, Edit, Queue, Options, Help) and a toolbar. The main area displays user information for "User ID: hme" and "User Name: Henry Engstring". Fields include Language (us), Country Code (USA), Variant, Password, Date Last Changed (06/27/02), User Type (Employee), Restricted (Yes), Time Zone (PST/PDT), Access Location (ORTEGA), Access Type (PROD), and Production. Under "E-Mail", the address is hme@qad.com. The "Interface Preferences" section shows "Menu Style: A" selected, with options for "A - Icons", "B - Tear Off", and "C - Character". Other options include "WinHelp?: Yes" and "Menu Substitution: No". The "Groups" field lists "AP, Sales".

Select the style of menu to be associated with your user ID.

**Fig. 2.2**  
User Maintenance  
(36.3.18)

### Icon Menu Style

**Tip**  
The Custom button has no programs; it is for programs you write.

This is the default style. The Main Menu, as illustrated in Figure 2.3, has seven large buttons, each with a graphic image of the functional area it represents:

- Distribution
- Manufacturing
- Financials
- Customer Services
- Master Data
- Custom
- Supply Chain

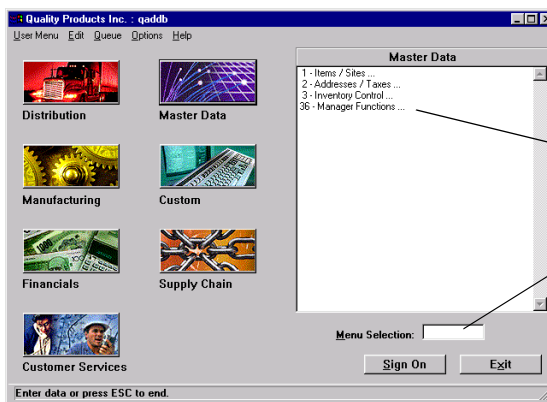
Click a button to display its associated menu items. As you select menus from this screen and options from those menus, the left side of the menu screen displays the hierarchical path to your current location. To select a menu option from the right side, either click on the item or enter its program name or number in the Menu Selection field.

- To run a program from the submenu currently displaying, enter just its number on that menu; for example, if the Item Data Menu (1.4) is displaying, enter 1 to run Item Master Maintenance (1.4.1).
- If the program you want to run is on a different submenu, enter its full menu number preceded by a period; for example, if the Purchasing Menu (5) is displaying, enter .1.4.1 to run Item Master Maintenance.

To move up to a higher level of the path, click on its associated hierarchy button.

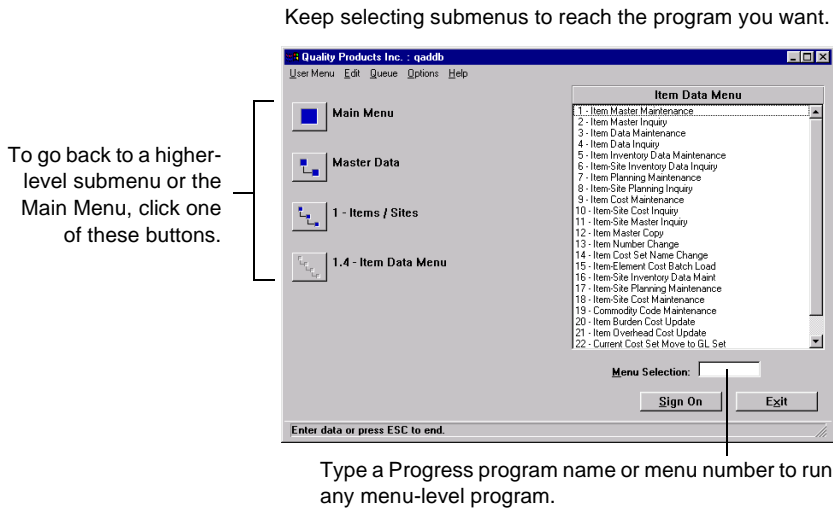
**Fig. 2.3**  
Icon Style  
Main Menu

Clicking the Master Data button displays these options.



Double-click an option to run the program or display the submenu, or type the option number here and press Enter.





**Fig. 2.4**  
Icon Style  
Submenu

## Tear-Off Menu Style

The tear-off Main Menu displays buttons for each functional area of MFG/PRO.

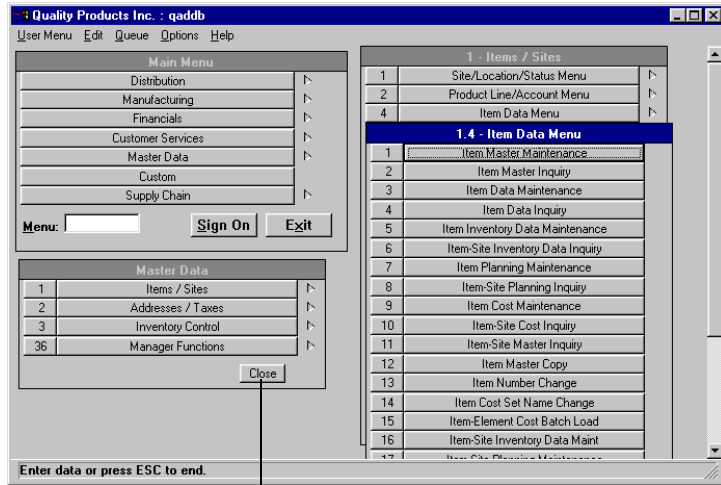
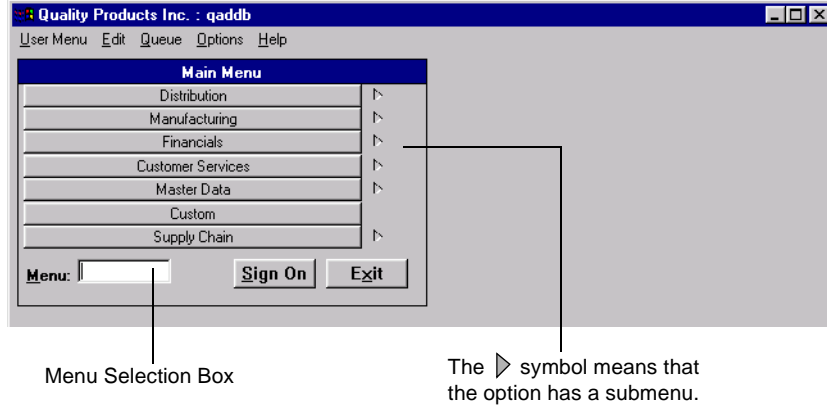
Click an option to display its associated menus. Once in a submenu, you can also type the option number in the menu selection box and press Enter.

Each tear-off menu remains on the screen as you select submenus. This means that you can choose any option from any menu on the screen.

Use the mouse to drag menus anywhere within the MFG/PRO window. Choose Save Settings on Exit from the Options menu to keep the same tear-off selections and positioning next time you sign on. This gives you immediate access to the programs you use most often.

◆ See page 55.

Fig. 2.5  
Tear-Off Menu



Click here to close the menu. or Press Esc to return to the sign-on screen.

### Character-Based Menu Style

See “Menu System” on page 81.

The Windows user interface retains a version of the traditional character-based menu system.

**Note** Although the menu system simulates character mode, the program screens are not character based.

To select an option, double-click it or enter the option number in the menu selection box and press Enter. To run a program from the same submenu as the current program, enter just its number on that menu; for example, 1. If it is on a different submenu, you must enter its full menu number preceded by a period; for example, enter .1.4.1 to run Item Master Maintenance.

You can also use the arrow keys to move through the menus and press Enter to select a program.

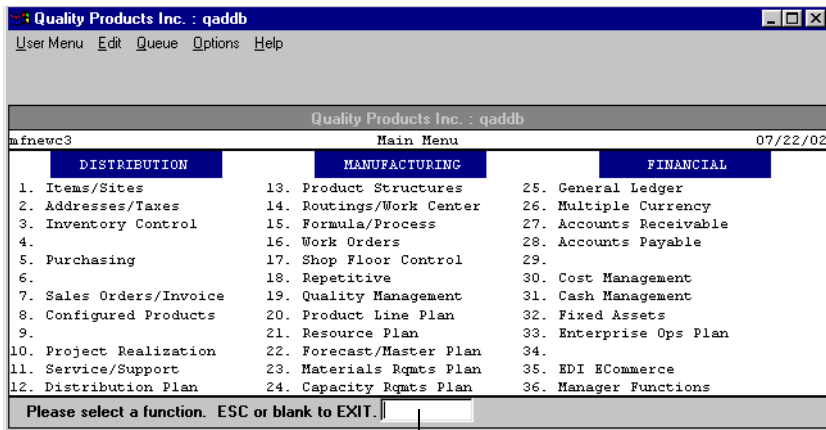


Fig. 2.6  
Character-Based  
Main Menu

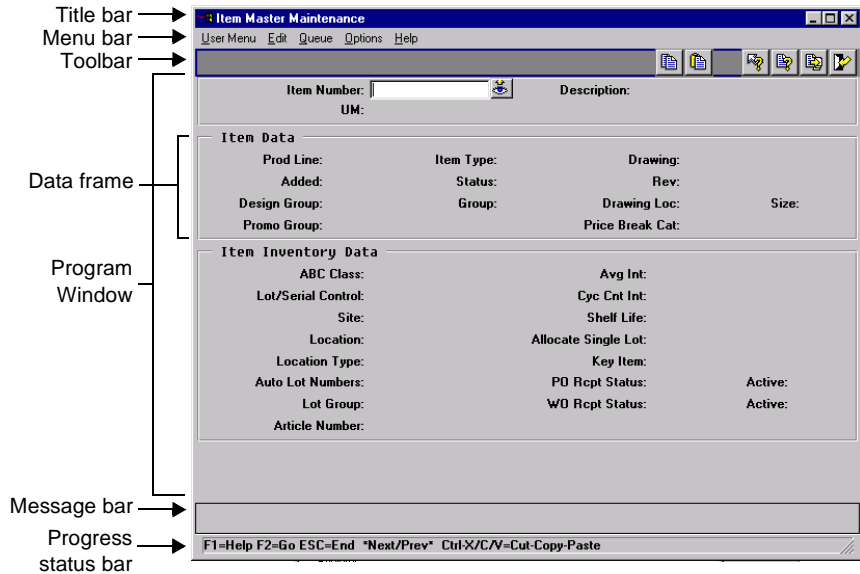
Enter a menu number or program name.

From the character-based main menu, press Exit to return to the sign-on screen.

## Screen Elements

The Windows user interface screen is divided into discrete sections, as illustrated in Figure 2.7.

**Fig. 2.7**  
Windows Screen



The following pages explain each screen element of the interface for Windows programs:

- Title Bar
- Menu Bar
- Toolbar
- Browses and Graphs
- Message Bar
- Progress Status Bar

## Title Bar

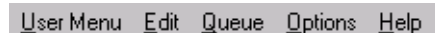
The title bar describes the program you are running. You can also exit the program and minimize or maximize the screen from the title bar.



**Fig. 2.8**  
Windows Title Bar

## Menu Bar

You can perform various tasks by clicking the items on the menu bar. The drop-down menus associated with each one are described in detail in this section. Click on the drop-down menu, and choose an option by clicking it or pressing the underlined letter. Many selections have accelerator keys assigned; for example, you can press F1 to display field help instead of using the drop-down menu. These are shown on the menu.



**Fig. 2.9**  
Menu Bar  
in Windows

### User Menu

The User Menu can provide access to:

- User menu items
- User toolbar items
- Run Program command
- Print functions
- Exit command
- Progress Editor (from menus only)

### User Menu Items

User Menu items are assigned in User Function Maintenance (36.4.11) to individual users or groups of users. They display in the top section of the User Menu pull-down. You can use them to run specific programs without drilling down through multiple layers of menus or having to remember the menu number or Progress name of the program.

The exact items that display depend on whether you have user-specific items defined in User Function Maintenance.

- If you have user-specific items defined, they display on the menu.
- If no items are associated with your user ID, the menu includes only items assigned to a blank user ID; these items apply to all users.

### User Toolbar Items

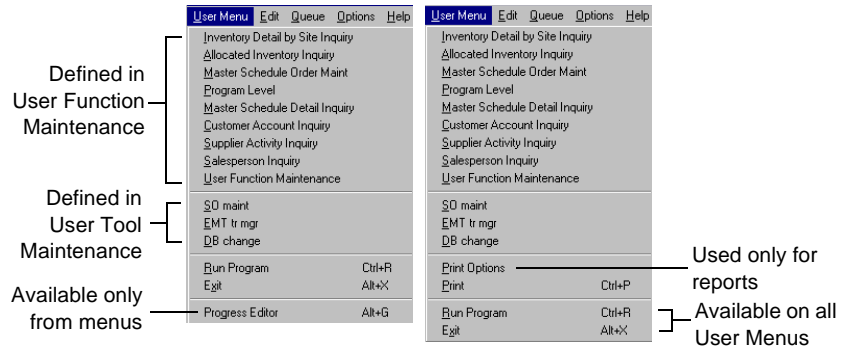
See *User Guide Volume 9: Manager Functions* for more information.

These items are defined in User Tool Maintenance (36.20.4). You can use them to jump to other programs without first exiting the current program to access a menu. Programs assigned in User Tool Maintenance display below User Menu items—if any are set up—on the User Menu pull-down. They also display as buttons on the toolbar of programs with which they are associated.

Unlike user menu items, you can associate user toolbar items with specific programs or groups of programs—so you can vary them based on which program you are using.

**Note** User toolbar items do not apply to browses. The buttons do not display in browses and the menu section of the User Menu is blank.

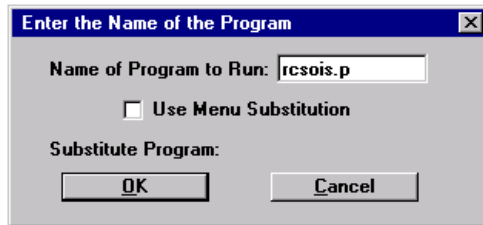
**Fig. 2.10**  
Sample User Menu  
Layouts



## Running a Program from the User Menu

Run Progress programs with this option. You can run any menu-level program without having to exit the current program.

- 1 Select the drop-down User Menu, and choose Run Program.
- 2 In the pop-up window, enter one of the following:
  - The Progress program name, such as `ppptmt`. You do not have to enter the file extension of `.p`.
  - A menu number. To run a program from the same submenu as the current program, enter just its number on that menu; for example, 1. If it is on a different submenu, you must enter its full menu number preceded by a period; for example, enter `.1.4.1` to run Item Master Maintenance.



**Fig. 2.11**  
Running a  
Program from  
the User Menu

- 3 Optionally specify whether the system should run a substitute program. Click on Use Menu Substitution to toggle the selection box. If no substitute program has been set up for the specified program in Menu Substitution Maintenance, the system disregards this field. If a substitute program is found, its name displays next to the Substitute Program label.
- 4 Choose OK, or press Enter.

When you exit the second program, the system returns you to the program that was running when you accessed the User Menu.

▶ See “Menu Substitutions” on page 53.

## Exit

You can exit the current program from the User Menu. From a menu screen, this option exits MFG/PRO. You can also exit a program by either of the following methods:

- Press Alt+X.
- Click on the close button, which is in the upper right corner of every program window.

## Progress Editor

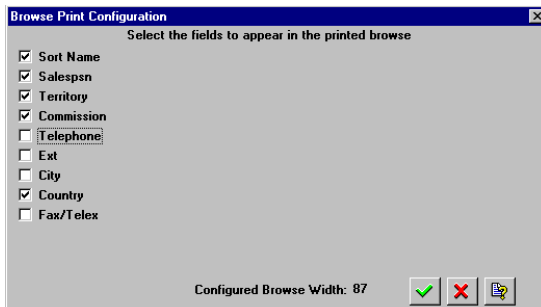
You can access the Progress editor from the User Menu while on menu screens by choosing Progress Editor.

## Printing from the User Menu

The User Menu includes a Print command for most reports and browses. Processing and output vary based on the type of program.

- In a browse, the system displays the Printer Options dialog box. After you select an output device, the Browse Print Configuration window lets you specify the fields to output. When you select fields, the system displays the number of characters in each line of the output.

**Fig. 2.12**  
Browse Print  
Configuration  
Window



▶ See *User Guide Volume 9: Manager Functions* for information on setting output defaults.

- In a report, the system immediately sends the program output to the default output device for the program, if one is defined in Printer Default Maintenance (36.13.4). Otherwise, the output device defaults to Printer. The content is based on the report selection criteria specified when you select Print.



## Edit Menu

This drop-down menu offers standard Windows editing tasks: cut, copy, and paste text. You can also use the Edit Image command to launch a graphic editing program to view or modify image files.



**Fig. 2.13**  
Edit Drop-Down  
Menu

### Cutting, Copying, and Pasting with the Edit Menu

Cutting text deletes it from its current location and copies it to the Windows clipboard. Copying is similar, but it leaves the original text in place. In both cases, you can paste the text to another location, such as a field. Use the following procedure:

- 1 Select the text to cut or copy.
- 2 Pull down the Edit Menu and choose Cut or Copy.
- 3 Position the cursor in the new location.
- 4 Pull down the Edit Menu, and choose Paste.

**Important** You cannot use the Cut, Copy, or Paste menu commands to paste text into Master Comment Maintenance (1.12) or any of the transaction comment screens. Instead, use the Cut (Ctrl+X), Copy (Ctrl+C), and Paste (Ctrl+V) keyboard shortcuts for data up to 76 characters in length. You can also use the Copy and Paste icons in the toolbar.

### Viewing and Editing Images with the Edit Menu

With the Edit Image option on the Edit menu, you can view or edit images that have been associated with information in your database. For example, if you have an item number 1000, you can associate a picture of the item with the item number by naming the image file 1000.bmp. Then, with the

**Tip**  
Menu items are context sensitive. For example, the Paste command is disabled when the clipboard is empty.

**Tip**  
The image files must be in .bmp format. This function cannot find other image formats.

cursor in the Item Number field and 1000 appearing in the field, click on Edit Image to launch Microsoft Paint (or some other imaging application). Use this program to view or edit the image.

**Note** You cannot use this function to do the actual association. Instead, you must first create the images, name them appropriately, and store them in the working directory.

This feature requires each code associated with an image file to meet the DOS naming conventions. DOS allows a maximum of eight characters preceding a period and a maximum of three characters after.

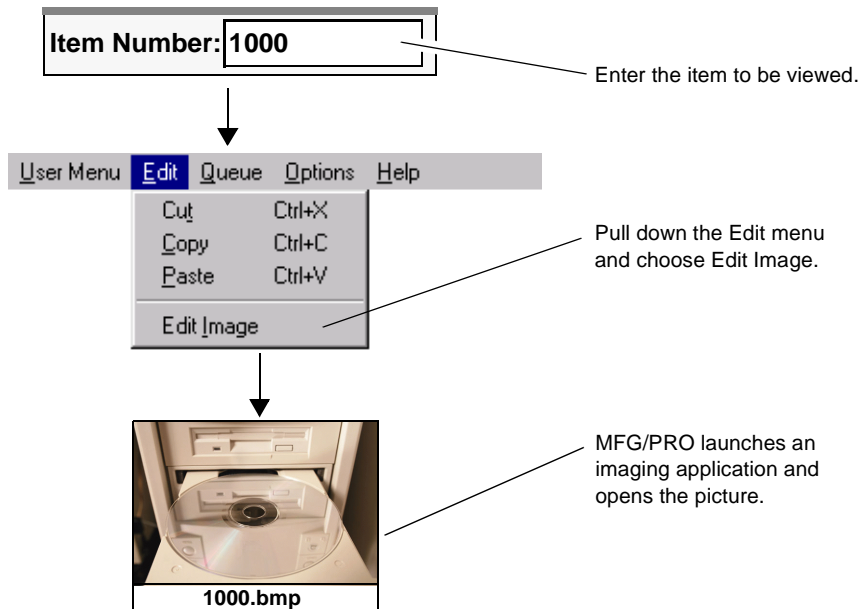
- The characters before the period are referred to as the file name in the DOS environment.
- The period is the divider.
- The characters after the period are the extension.

**Example** auto1000.bmp and 1000.bmp are legal DOS names.

To use an imaging application other than Microsoft Paint, specify it in your Progress initialization file.

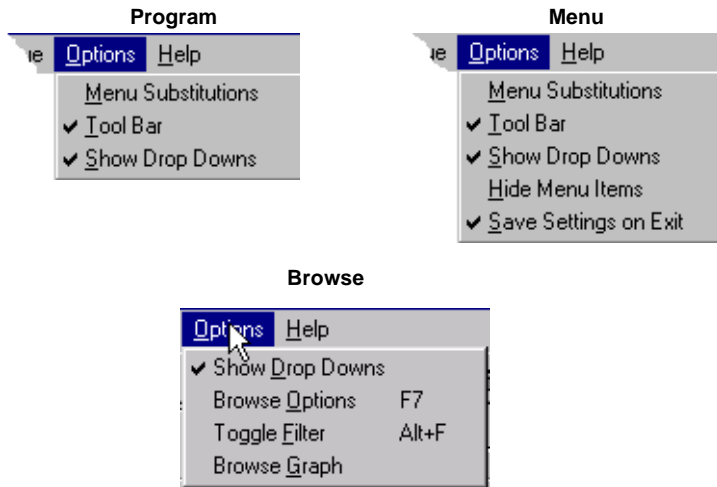
▶ See the installation guide.

**Fig. 2.14**  
Editing Images



## Options Menu

The content of the Options menu varies based on whether you access it from a menu, a program, or a browse. To turn an option on or off, pull down the menu and choose the option (or type its first letter). A check mark next to an option shows that it is on. If an option is grayed out, it is unavailable.



**Fig. 2.15**  
Options Menus

## Menu Substitutions

Use this option to toggle between displaying browses and inquiries on the menu. You can also use it to switch between customized and non-customized versions of a program. The system administrator can use Menu Substitution Maintenance (36.20.6) to specify which programs are substituted for others when you select this option.

▶ See *User Guide Volume 9: Manager Functions* for information on Menu Substitution Maintenance.

Tool Bar

▶ See “Toolbar” on page 58.

This option turns the toolbar display on or off. The toolbar appears below the menu bar and contains buttons to run programs.

Show Drop Downs

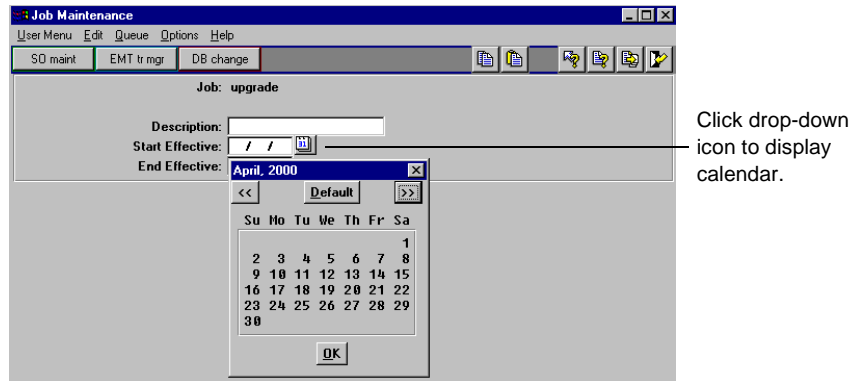
Show Drop Downs refers to icons for look-up browses, calculators, and calendars, which appear next to fields.

- Look-up browses are attached to specified data fields.
- Calculators are attached to numeric fields.
- Calendars are attached to date fields.

For example, if a calendar drop down is attached to a field, a small icon displays next to the field. Click on the icon to make the calendar display. Then click on the selected date to enter it in the field.

If Show Drop Downs is off, the drop-down icons do not display.

**Fig. 2.16**  
Calendar Drop  
Down



Hide Menu Items (Menus Only)

When menu security has been set, use the Hide Menu Items option to prevent menu items you cannot execute from displaying.

### Save Settings on Exit (Menus Only)

This option stores your final menu location when you exit the current session. Next time you sign on, you return to that menu, skipping the Main menu and all intermediate menus (unless you change your menu style when you enter MFG/PRO).

This option also stores your settings for the following:

- Menu Substitution
- Tool Bar
- Show Drop Downs
- Hide Menu Items

### Browse Options (Browses Only)

Use this option to set up filter criteria for browses.

### Toggle Filter (Browses Only)

Use the toggle filter setting to turn on and off the filter criteria set up in the browse filter options. The filter can also be turned on and off by selecting the Filter On/Off button in the toolbar.

### Browse Graphing (Browses Only)

Choose Browse Graphing to graph the contents of a browse. This option is also available by clicking the Graph button on the toolbar in the browse window.

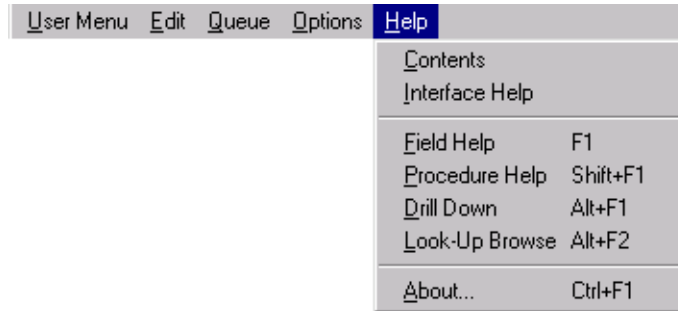
▶ See “Filtering and Sorting Browses” on page 68.

▶ See “Browse Graphing” on page 69.

## Help Menu

This menu lets you access help on the user interface, fields, and programs. It also lets you view browses on selected fields.

**Fig. 2.17**  
Help Menu



### Contents

Select this option to display the contents of the Windows help files containing help records for all procedures and fields in MFG/PRO. The Contents screen lets you display an index and access search tools.

- When you click the Index button, the system displays an alphabetical listing of program labels, program names, field labels, and field names. You can enter a value to move to a specific point on the list. Double-click a list item to display the associated help record.
- From the index, click on the Find tab to search the Windows help files for specific words or combinations of words. Select Options to set up search parameters.

**Note** If nothing displays, review the values associated with your logon ID in User Maintenance (36.3.18). Be sure that WinHelp is enabled. Otherwise, you cannot use Windows help or its table of contents.

### Interface Help

This help file provides information on the Windows user interface.

### Field Help

The fastest way to get help for the current field is to press F1, but you can also use the Help menu. With the cursor in the field, drop down the Help menu and choose Field Help.

**Tip**  
You can also access field and procedure help from the toolbar. See page 58.

## Procedure Help

The fastest way to get help for the current procedure is to press Shift+F1, but you can also use the Help menu. With the cursor in any field, drop down the Help menu and choose Procedure Help.

## Drill Down

Drill downs are browses accessed by clicking the drill-down button or by pressing Alt+F1. Use drill downs to view records available to specified fields; then select a record to enter into the field.

With the cursor in the field, drop down the Help menu and choose Drill Down. You can select and double-click on a record in the drill-down browse to include it in the current field.

▶ For more information, refer to “Browses and Graphs” on page 65.

## Look-Up Browse

Use look-up browses to view records available to specified fields; then select a record to enter into the field. They are similar to other browses, but contain less detail and do not include filtering and graphing tools. With the cursor in the field, drop down the Help menu and choose Look-Up Browse.

Click this arrow to display other fields that can be sorted on.

| Customer | Sort Name                   | Telephone    | City          | State |
|----------|-----------------------------|--------------|---------------|-------|
| 1001000  | Reliable Central Purchasing | 213-920-0394 | Los Angeles   | CA    |
| 10010001 | Westwood Reliable           | 213-923-0293 | Westwood      | CA    |
| 10010003 | Reliable Center             |              | New York      | NY    |
| 10010004 | Gateway Reliable            | 714-293-0293 | San Francisco | CA    |
| 1004000  | Worldwide Supply            | 313-932-0239 | Kansas City   | MI    |
| 1005000  | Universal Industries        | 714-874-1000 | Industry      | CA    |
| 1006000  | Sterling Industries         |              | New York      | NY    |
| 1007000  | Supply Warehouse            |              | Kansas City   | MI    |

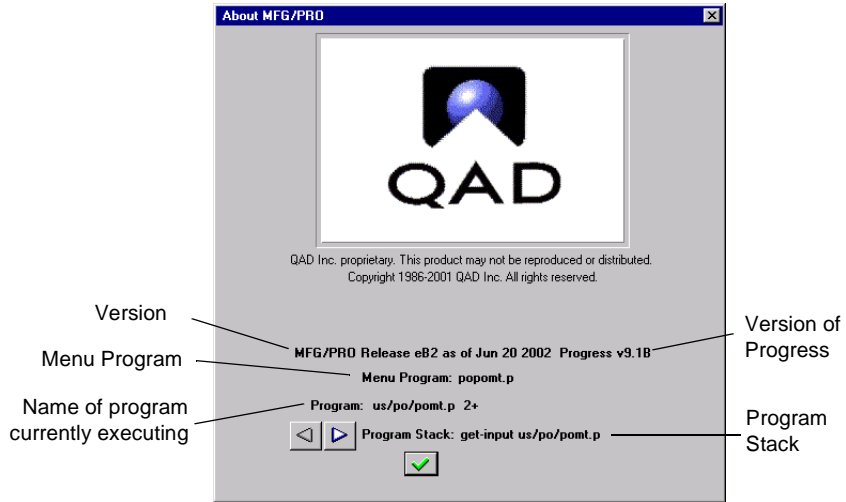
**Fig. 2.18**  
Look-Up Browse

Some browses let you sort the data by more than one field. Choices display in a drop-down box. Choose one, and the system re-sorts the display. Select and double-click on a record to enter it in the current field.

About...

This option gives you technical information about the system. You can display the same information by pressing Ctrl+F1.

**Fig. 2.19**  
Help About...  
Screen





Program Stack

Use the program stack arrows to display the names of the programs used to call the current program. Click on the right arrow to move up the stack, or toward the main menu. The left arrow moves down the stack. When you reach either the top or the bottom of the stack, the appropriate arrow is disabled.


















Toolbar

The toolbar contains buttons to launch programs and tools. If you do not see the toolbar on your screen, choose Tool Bar from the Options drop-down menu.

**Table 2.1**  
Toolbars in  
Windows User  
Interface

| Description | Programs  | Browse |
|-------------|---|--------|
| Copy        |  | Same   |
| Paste       |  | Same   |



| Description                | Programs  | Browse  |
|----------------------------|---|---|
| Field Help                 |  | Same  |
| Procedure Help             |  | Same  |
| Drill-Down                 |  | Same  |
| Return to Menu             |  | N/A   |
| Calculator                 | N/A   |    |
| Calendar                   | N/A   |    |
| Print                      | N/A   |    |
| Browse Options<br>(Filter) | N/A   |    |
| On/Off                     | N/A   |    |
| Graph                      | N/A   |    |
| First                      | N/A   |  |
| Previous                   | N/A   |  |
| Next                       | N/A   |  |
| Last                       | N/A   |  |
| Clear                      | N/A   |  |
| Update                     | N/A   |  |
| Cancel                     | N/A   |  |

Not all buttons appear on all screens. Each program controls which ones to display. For example, the print icon is not relevant to some programs and does not appear in them.

### Customizable Buttons

▶ User Tool Maintenance is described in *User Guide Volume 9: Manager Functions*.

There can be up to four custom buttons on the left side of the toolbar in programs other than browses. Set up these buttons with User Tool Maintenance (36.20.4).

**Note** Toolbar buttons do not apply to browses.

For example, the toolbar in Figure 2.20 includes two buttons:

- Item Master Browse
- Address Master Browse

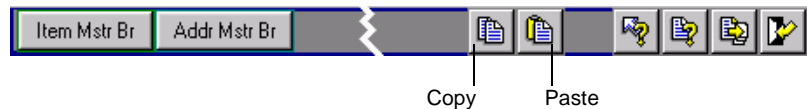
Launch a program by clicking its button. When you exit the program, the system displays the program you were in when you clicked the button.

### Copy/Paste

Use these buttons to copy data between fields, in the same program or different programs.

**Important** All transaction comment screens, including Master Comment Maintenance (1.12), accept a maximum of 76 characters per line. If you try to paste more than this, your comment will display only the first 76 characters.

**Fig. 2.20**  
Copying Between Fields



- 1 Click Copy.
- 2 Click the field to copy.
- 3 Click Paste.
- 4 Click the destination field.

5 The data is copied.

You also can copy from and to multiple fields in one operation:

- 1 Click Copy.
- 2 Click and drag around the fields to copy.
- 3 Click Paste.
- 4 Click and drag around the destination fields.
- 5 The data is copied.

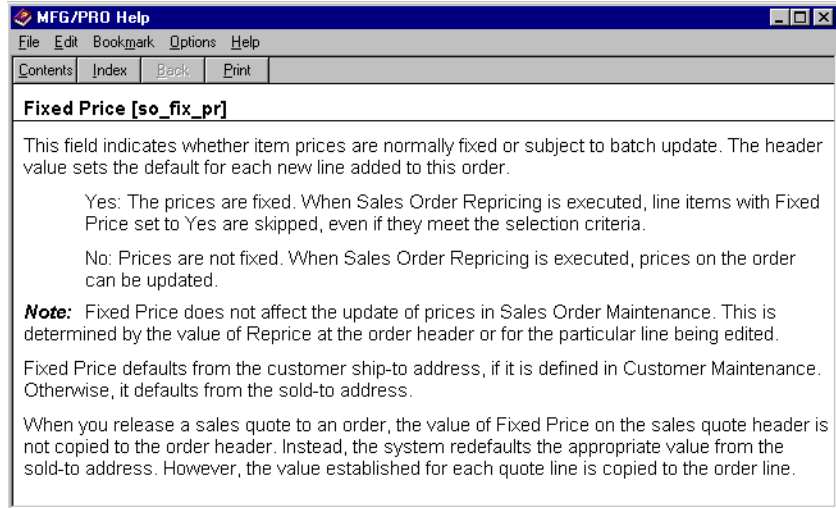
### Field Help

Field help describes a specific field and how it is used in the program. Most updateable fields have field help. Display-only fields do not.

You can display help for any field on the screen by pressing F1 or by clicking on the Field Help button.

- 1 Click Field Help on the toolbar.
- 2 The cursor changes to an arrow.
- 3 Click on a field.
- 4 The field help screen displays.

**Fig. 2.21**  
 Displaying  
 Field Help

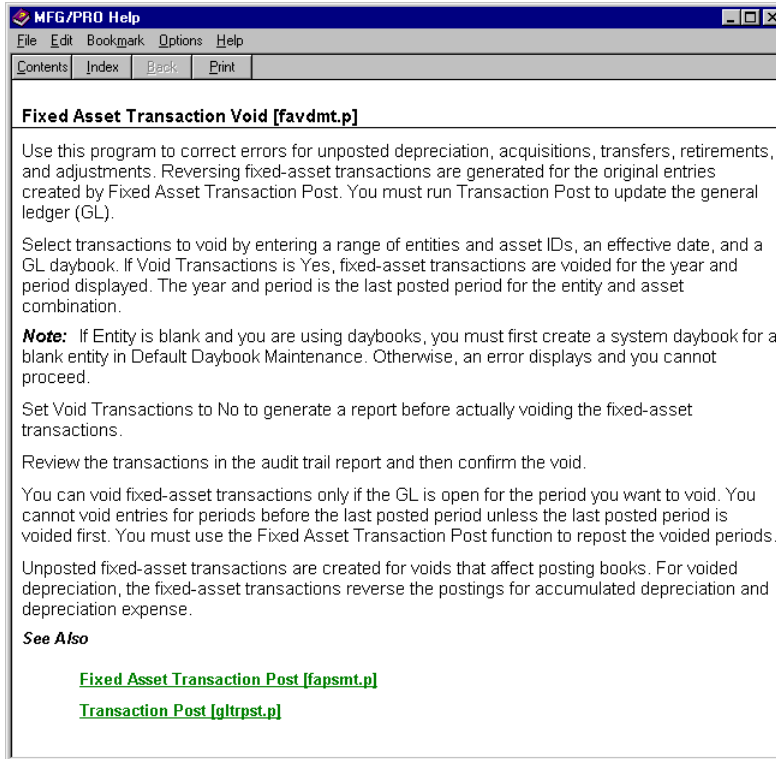


### Procedure Help

Procedure help describes the program and how it is used in the module. Procedure help is not generally provided for reports, inquiries, browses, or control programs.

You can display procedure help from anywhere within the program using the keyboard or the toolbar.

- 1 Press Shift+F1 or click Procedure Help on the toolbar.
- 2 The procedure help screen displays.



**Fig. 2.22**  
 Displaying  
 Procedure Help

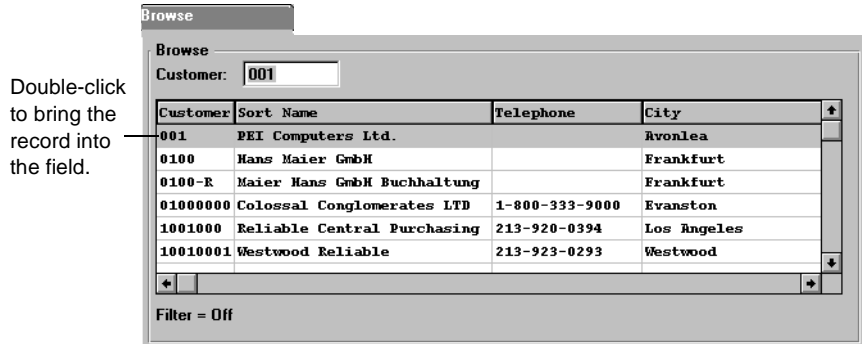
## Drill Down

You use drill downs to view records available to specified fields, then select a record to enter into the field.

- 1 Click the Drill-Down button on the toolbar.
- 2 The cursor changes to a magnifying glass.
- 3 Click on a field.
- 4 The drill down displays.

▶ See “Drill-Down Browsers” on page 67.

**Fig. 2.23**  
Drill Downs



### Return

Click the Return button to end the program and go back to the menu.

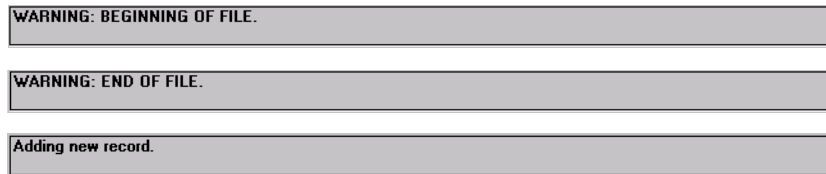
**Fig. 2.24**  
Return Button



### Message Bar

The message bar contains messages issued by a Progress program. Figure 2.25 shows some sample messages.

**Fig. 2.25**  
Message Bar



### Progress Status Bar

The status bar displays accelerator keys available from the current program. Because different programs use different keys, the display changes based on the program you are executing.

F1=Help F2=Go ESC=End F5=Delete Ctrl-X/C/V=Cut-Copy-Paste

**Fig. 2.26**  
Progress Status Bar

## Browsets and Graphs

**Note** You must have the Query version of Progress to access browsets.

Browsets display selected data in the form of a table. Two types of browsets are available:

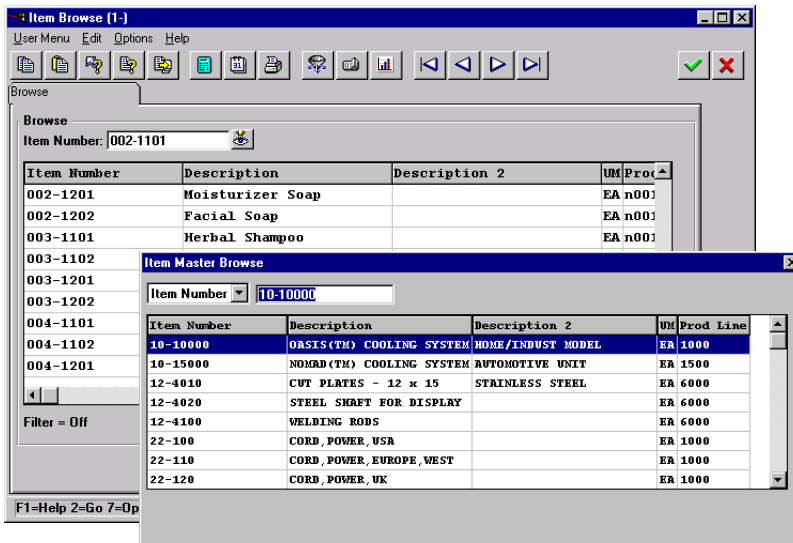
- *Look-up browsets* return the value you select to the active field in the calling program.
- *Drill-down browsets* display, filter, graph, or print data.

The field values in the browse can come from a table or a view. A view is a table that has selected values from one table or several joined tables.

Browsets display several records at a time. To scroll through the records, click the down arrow of the scroll bar. A message occasionally displays, telling you that the browse is getting the next group of records.

Figure 2.27 shows the item master drill-down browse—accessible either from the menu or as a drill-down from within many programs—and the look-up browse that is attached to the Item Number field.

♦ See *User Guide Volume 9: Manager Functions* for information on designing views and browsets.



**Fig. 2.27**  
Item Drill-Down  
Browse and Look-  
Up Browse

## Look-Up Browsers

A look-up browse displays values for existing records for the field the browse is attached to, as well as values of other fields in those records. Depending on how the browse is defined, it can display and sort up to seven columns of fields. A look-up browse cannot filter, graph, or print data.

▶ See *User Guide Volume 9: Manager Functions*.

Access a look-up browse from the Help menu, click on its icon next to the related field, or press Alt+F2. Attach a look-up browse to a field with Drill Down/Lookup Maintenance (36.20.1).

To enter the cell contents of the browse in the active field of the calling program:

- Triple-click on a browse cell—one click to select the cell, two clicks to enter the cell data in the field.
- Select a cell and press Enter or click OK.

You can determine the starting record in the browse in several ways:

- If you type one or more characters in the field of the calling program and access the look-up browse, its display begins at the record starting with those characters.
- When the browse is the active window, you can type one or more characters in its entry field, press Enter, and the browse display begins at the record starting with those characters.
- When the browse is the active window, you can click on any column heading that is in the sort-columns selection list and then type one or more characters. When you pause in your typing, the browse begins the search. It re-sorts based on the current column heading and redispays records, beginning with the record that matches your criterion.

You can enter a wildcard (\*) as a search criterion. For example, if you enter AD\* in the field of the calling program or in the browse, it displays only values beginning with AD.

**Important** You may incur a serious performance loss when you use wildcards to search for non-indexed fields. The browse searches the entire database; while it is searching, your session is unavailable for other processing.



## Drill-Down Browsers

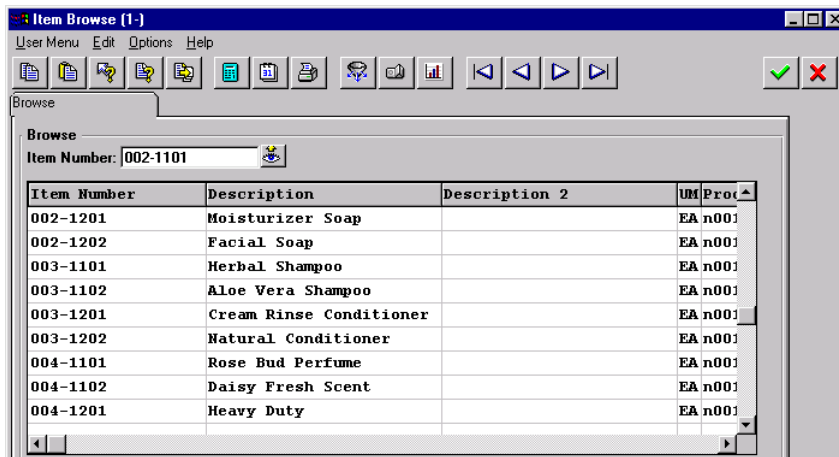
Use one of these methods to access a drill-down browse:

▶ See Figure 2.28.

- From a menu screen:
  - Click on the menu item.
  - Enter its program name or number in the Menu Selection box.
- From within a calling program:
  - Choose Drill-Down from the Help menu or press Alt+F1.
  - If the browse has been added to the toolbar, click its button.

Drill-down browses display up to 20 columns of fields (a maximum of 330 characters). The first 10 columns can be filtered; you can sort by any column in descending or ascending order. Column headings in a browse are the field labels; rows are field values.

Print a browse by choosing the Print button on the toolbar. A dialog box displays where you set your output device such as a printer or your monitor screen. As with other programs, printing cannot be canceled from MFG/PRO, but does appear in the Windows Print Manager, where the initiator of the print job can cancel it.



**Fig. 2.28**  
Drill-Down Browse  
for Item Master

You can put a drill-down browse on the toolbar as a button, assign it a menu number to replace an existing menu item or add a new menu item, or attach it to a field as a drill down.

## Filtering and Sorting Browsers

Drill-down browses have a Browse Options button on the toolbar for accessing filter and sort options.

Filters limit the viewable records according to your specifications. For example, you can filter out product numbers or statuses that you do not want to view. In your selection criteria, you can filter for a range of values.

You can alphabetically or numerically sort the fields in the first column of a browse. Select the field you want to be the first column in the Sort By field.

- 1 Choose Browse Options from the Options menu or the toolbar.  
The system displays the Browse Options window.

**Fig. 2.29**  
Browse Options  
Window

**Tip**  
You cannot use wildcards for numeric or date fields.

- 2 Enter criteria in any of the fields. You can enter exact criteria on both the right and left sides, or you can use wildcards (\*) in the left column for character fields. When you use a wildcard in a field in the left column, the corresponding To field is disabled. The To fields do not accept wildcards.

**Important** You could incur a serious loss of performance when you use wildcards to search for non-indexed fields. The browse searches the entire database; while it is searching, your session is unavailable for other processing.

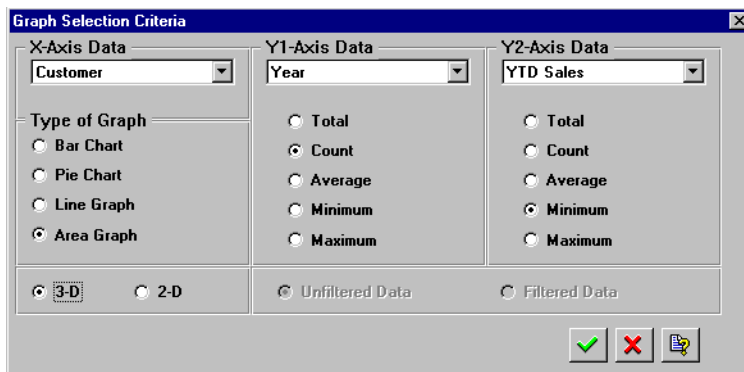
- 3 In the fields on the left side of the Browse Options window, the default is the *lowest* number or first alphabetical selection. In the fields on the right side of the Browse Options window, the default is the *highest* number or last alphabetical selection.
- 4 In the Sort By field, choose a field (column) for sorting the records.
- 5 In the Sort Order field, choose Ascending or Descending.
- 6 Click the Update icon to create the filtered browse.  
The filtered browse becomes active in the browse window.
- 7 You can toggle between the filtered and unfiltered browse by clicking the Filter On/Off button. Changing the sort affects filtered and unfiltered browses.

The status of your filter selection is displayed in the Message Bar.

## Browse Graphing

In the Windows user interface, you can make graphs of browse data on the screen and print them. To generate a graph of a browse, select the Graph icon on the toolbar.

**Tip**  
Graphing is not available in the character interface.



**Fig. 2.30**  
Graph Selection Criteria

**Tip**  
Different fields display in the selection lists depending on the browse being graphed.

### X-Axis Data

In X-Axis Data, select a browse field to use as the x-axis of the graph. Click on the down arrow to view a list of available fields.

### Y1-Axis Data

In Y1-Axis Data, specify a browse field to use as the y-axis of the graph. Click on the down arrow to view a list of available fields. Only non-numeric data can be used with the Count option.

**Example** Specifying Region in X-Axis Data and Customer (Count) in Y1-Axis Data displays a graph of the total count of all customers per region.

### Y2-Axis Data

To display two sets of data on the y-axis of a graph, specify a browse field in Y2-Axis Data.

**Note** Pie charts can be displayed with only one set of data. Therefore, if Pie Chart is selected in Type of Graph, this field is disabled.

The field options available for the Y-2 Axis Data value are identical to those for Y-1 Axis Data except that Y-2 Axis Data includes an entry for None.

**Example** Selecting Customer in X-Axis Data, Balance in Y1-Axis Data, and Credit Limit in Y2-Axis Data produces a graph showing customers as the x-axis with a graph of their balance versus their credit limit. However, if Y2-Axis Data has a value of None, only one set of data appears on the y-axis.

### Total, Count, Average, Minimum, and Maximum

Under Y1-Axis Data and Y2-Axis Data are radio sets listing the following options: Total, Count, Average, Minimum, and Maximum. You can select one option for each axis.

**Note** If a non-numeric field is specified in Y1-Axis Data or Y2-Axis Data, the associated radio set for that data box is disabled.

**Table 2.2**  
Graphing Options

| Option  | Effect  | Example  |
|---------|---|--|
| Total   | Adds up all of the values for the selected y-axis data field in the browse for each x-axis field.   | If X-Axis Data is Region and Y1-Axis Data is Balance, the data represents the total balance of all customers in that region. If X-Axis Data is Customer and Y1-Axis Data is Balance, the data represents each individual customer's balance. |
| Count   | Counts the number of occurrences of y-axis data for each x-axis field. This is used primarily for non-numeric fields.                                 | If X-Axis Data is Region and Y1-Axis Data is Customer (Count), the data represents the total number of customers in each region.   |
| Average | Adds up all of the values for the y-axis field in the browse for each x-axis field and divides by the total number of occurrences of the y-axis data. | If X-Axis Data is Region and Y1-Axis Data is Balance, the data represents the average balance of all customers in that region.   |
| Minimum | Reads through all of the values for the y-axis field in the browse and, for each x-axis value, selects the lowest value.                              | If X-Axis Data is Region and Y1-Axis Data is Balance, the data represents the lowest customer balance in the region.   |
| Maximum | Reads through all of the values for the y-axis field in the browse and, for each x-axis value, selects the highest value.                             | If X-Axis Data is Region and Y1-Axis Data is Balance, the data represents the highest customer balance in the region.  |

### Graph Type

Use this radio set to select the type of graph format you want displayed. The choices are Bar Chart, Pie Chart, Line Graph, and Area Graph.

### 3-D, 2-D

Use this radio set to select either a three-dimensional or two-dimensional display.

### Filtered Data/Unfiltered Data

▶ See “Filtering and Sorting Browsers” on page 68.

If filtering is enabled for the browse, this radio set lets you choose to graph just the data that was previously filtered in the browse or all of the records. If you want to change the filter criteria, you first must cancel this dialog box and make the changes.

The radio set is unavailable if the browse has not been filtered.

### Generating a Graph

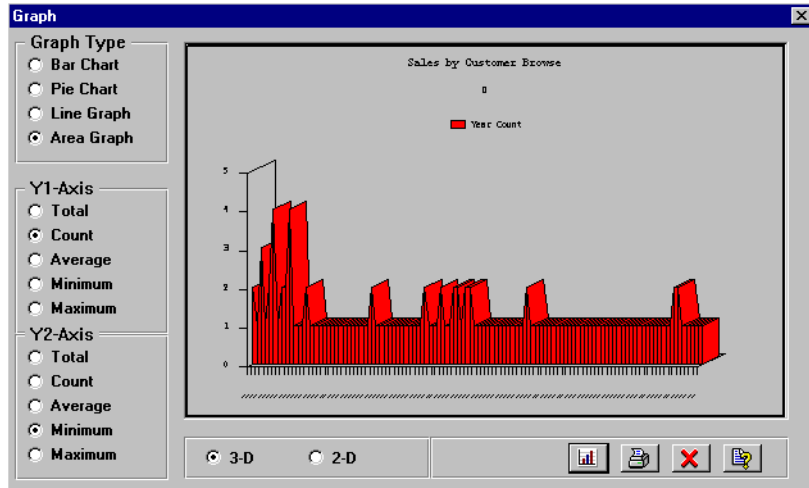
After entering the required input data, click Update on the toolbar to display the graph.

**Note** If there are too many data points to graph, the labels do not appear across the x-axis.

After running a graph the first time, you can change the graph type, y-axis options, or 3-D, 2-D setting. Click the Draw icon to display the changes.

Click the Printer icon to generate a printed copy of the graph.

Fig. 2.31  
Graph Window



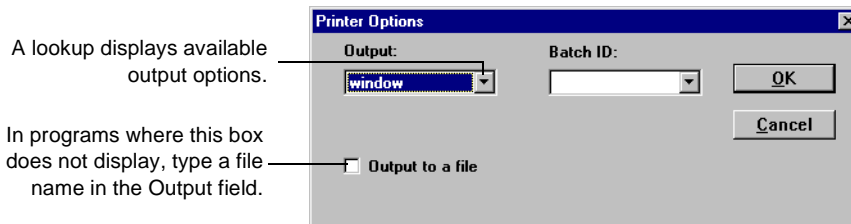
## Output Devices

When you run a report, browse, or inquiry, you have several options for displaying the output. A lookup attached to the Output field lists the options available on your system. For devices to be available, they must first be defined in Printer Setup Maintenance (36.13.2)—even if they are not actually printers. Output devices include the following.

- Display devices
- Server printers
- Locally controlled Windows printers
- E-mail

You can also send the output to a file or specify a batch ID to run the process later.

▶ See *User Guide Volume 9: Manager Functions* for information on setting up printers and other output devices.



**Fig. 2.32**  
Printer Options Field

## Display Devices

In the character interface, select Terminal to view the report output on the screen. In the graphical user interface (GUI), you can select either Terminal or Window.

By default, browses initially display on the screen in both character and GUI environments. Select Print from the User Menu to display the Output field. This lets you choose another option.

▶ See *User Guide Volume 9: Manager Functions* for information on setting up printers.

## Server Printers

From both character and GUI environments, you can send output to a printer set up in Printer Setup Maintenance (36.13.2) with Destination Type set to Default. The record for this type of printer has device path and printer control information.

## Locally Controlled Windows Printers

From a GUI client computer, you can direct output to a printer that is either:

- Directly attached to the client computer
- Available on the client's Windows network

Select Winprint to use one of these printers. You then control printing with a standard Windows print dialog box, which lets you select a printer and change printing options—for example, change the default portrait page orientation to landscape—as required. This is especially useful if you print in a double-byte language such as Chinese.

Define fonts for 80-column and 132-column report formats in the Progress initialization file on the client computer. For more information on initialization file settings, see the installation guide for your system.

**Important** Be sure that your client computer has a default printer set up in Windows before you send output to Winprint. If you set up a new default printer while MFG/PRO is running, exit your session and start it again to assure that the function works properly.

## E-mail

From the GUI or character user interface, you can transmit the report output in an e-mail message by selecting Email as the output device. When you run the report, a dialog box displays in which you enter the recipient's e-mail address and the subject of the message.

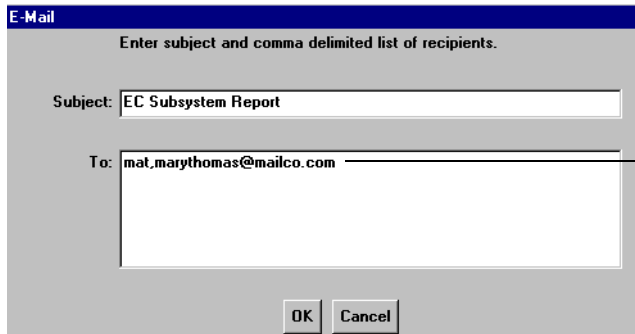
The system uses your e-mail system to create a message with the report output as the body. You can specify more than one recipient by separating the addresses with commas. If the recipient is a user of your MFG/PRO system, you can enter just a logon ID.



Although the e-mail option always displays as an output device, the function works only under these circumstances:

- You have an e-mail transmission program that accepts input from a command-line interface. Several available shareware or freeware programs meet this requirement.
- Your system has been configured in E-mail Definition Maintenance (36.4.20) to let this e-mail program accept input from MFG/PRO.
- Your record in User Maintenance (36.3.18) references the e-mail definition required to send e-mail from your computer and includes your full e-mail address.

▶ See *User Guide Volume 9: Manager Functions* for information on setting up your system to use e-mail.



This example shows multiple e-mail addresses, including a user name and a full internet address.

**Fig. 2.33**  
E-mail Dialog Box

## Files

In some cases, it is useful to send report output to a file. You can review output sent to a file with another software package, such as a word processor or spreadsheet, or you can print it later. Output to file is also useful if your printer is temporarily unavailable.

Most GUI reports display the Printer Output dialog box, which includes a check box for outputting to a file. When you select this option, the system prompts you for a file name.

In programs where the Printer Output dialog box does not display, type the name of a file—up to eight characters—in the Output field. The system displays a warning that this is not a defined printing device. Press Spacebar to have the system write the output to a file called `filename.prn`. To cancel, press End.

## Batch Processing

▶ See *User Guide Volume 9: Manager Functions* for information on setting up and processing batches.

To run a report or process later, specify a batch number in the Batch ID field. A batch is a predefined group of processes that you can run through a single user interface—Batch Request Processor (36.14.13).

When you enter a batch number, restrictions apply to some of the devices available in Output.

- You cannot select Terminal or Window as the output device.
- If you select Email, the recipient and subject prompt does not display. Instead, the system automatically sends the output to your e-mail address when the batch process is run. You can then forward it as required.

**Note** When you select e-mail output in batch mode, the subject line displays the menu option and title.

- If you select Winprint, the system sends the output to the default printer selected on your Windows client computer at the time the batch process is run. It uses the 80-column or 132-column font specified in the Progress initialization file. Because you do not have the option of changing page orientation during batch processing, be sure that the font is narrow enough to allow reports to fit on a portrait page.

**Important** You must run Batch Request Processor (36.14.13) from a Windows client computer to send output to a Winprint printer. If you set up the batch on a Windows client but then run Batch Request Processor from a character workstation, the report does not print.

## Windows Keyboard Commands

▶ See page 93 for character keyboard commands.

Tables 2.3 through 2.5 list the navigation, help, and edit keyboard commands used throughout the Windows interface. When you are using a program, the Progress status bar at the bottom of the screen summarizes the specific keys used in that program.

**Table 2.3**  
Windows  
Navigation  
Commands

| Navigation Commands | Keyboard Entry | Description                      |
|---------------------|----------------|----------------------------------|
| Go                  | F2             | Moves to next frame.             |
| End                 | Esc            | Exits a frame, program, or menu. |

| <b>Navigation Commands</b> | <b>Keyboard Entry</b> | <b>Description</b>                             |
|----------------------------|-----------------------|--|
| Previous                   | F9 or up arrow        | Retrieves previous record in a key data field. |
| Next                       | F10 or down arrow     | Retrieves next record in a key data field.     |
| Enter                      | Enter                 | Moves to next field within a frame.            |
| Tab                        | Tab                   | Moves to next field within a frame.            |
| Back Tab                   | Shift+Tab             | Moves back one field within a frame.           |
| Exit                       | Alt+X                 | Closes a program.                              |
| Run                        | Ctrl+R                | Starts a program by name.                      |
| Print                      | Ctrl+P                | Prints browse, inquiry, or report information. |

**Table 2.4**  
Windows Help  
Commands

| <b>Help Commands</b>  | <b>Keyboard Entry</b> | <b>Description</b>                   |
|-----------------------|-----------------------|--------------------------------------|
| Field Help            | F1                    | Opens help on current field.         |
| Procedure Help        | Shift+F1              | Opens help on current program.       |
| Drill-Down Browse     | Alt+F1                | Displays choice of records.          |
| Look-Up Browse        | Alt+F2                | Displays choice of records.          |
| About                 | Ctrl+F1               | Displays the program name.           |
| Browse Options        | F7                    | Opens the browse options window.     |
| Browse Options Toggle | Alt+F                 | Turns the browse options on and off. |
| Browse Graph          | Shift+F11             | Opens the browse graphing window.    |
| Field Name            | Ctrl+F                | Displays the field name.             |

**Table 2.5**  
Windows Edit  
Commands

| <b>Edit Commands</b> | <b>Keyboard Entry</b> | <b>Description</b>                        |
|----------------------|-----------------------|---|
| Delete Record        | F5                    | Deletes an open record.                   |
| Cut                  | Ctrl+X                | Cuts a field or selection to clipboard.   |
| Copy                 | Ctrl+C                | Copies a field or selection to clipboard. |
| Paste                | Ctrl+V                | Pastes data from the clipboard.           |





## Chapter 3

# Using the Character User Interface

This chapter describes the appearance and use of programs from the MFG/PRO character user interface.

*Introduction*    **80**

*Starting MFG/PRO in Character Mode*    **81**

*Program Interface Elements*    **81**

*Output Devices*    **92**

*Character-Mode Keyboard Commands*    **93**

## Introduction

Unlike the QAD Desktop and the Windows interface, character-based MFG/PRO depends completely on input from the keyboard. Because it is not a graphical user interface, all navigation is based on:

- A command-prompt interface to execute programs
- Combinations of keystrokes to issue commands within programs

**Important** You cannot use the mouse to navigate through the UNIX character interface.

▶ See page 25.

This chapter is limited to information on menus, screens, and navigation in the character user interface. General characteristics of MFG/PRO user interfaces and programs are described elsewhere in this guide.

## Windows Character Client Interface

Because of performance issues, you should not run such resource-intensive processes as Material Requirements Planning (MRP) from Windows client computers. In an environment that does not include UNIX character clients, you can run these processes through the Windows character client interface.

Navigation in this interface is almost identical to what is described in this chapter, with some exceptions:

- Optionally, you can use the mouse to access fields directly instead of pressing Tab to move from field to field.
- In browses, you cannot use the Esc key normally required for some keyboard shortcuts.
  - Use the mouse to access the menu bar instead of pressing Esc-M.
  - Pull down the Options menu to access Browse Filter, rather than pressing Esc-F.
  - Pull down the User Menu to access Exit, rather than pressing Esc-X.

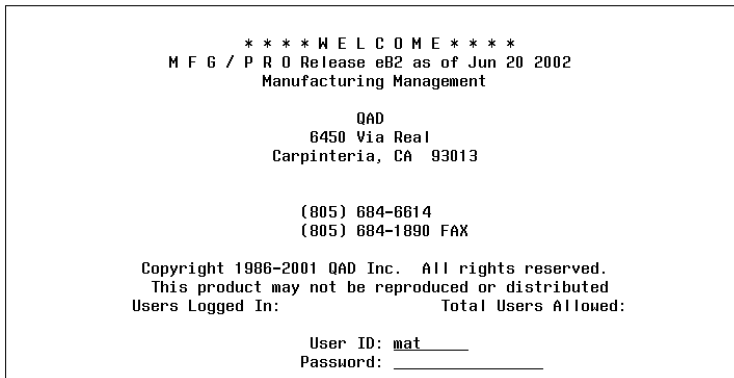
▶ See “Menu Bar (Browses Only)” on page 86.

## Starting MFG/PRO in Character Mode

To start a character session, follow the procedures provided by your system administrator.

The first screen you see after launching MFG/PRO lets you log in to the system. Enter the log-in ID assigned by your system administrator and your password.

**Note** You must be a valid user defined in MFG/PRO to log in. Your password can be blank only if the password in your user record is blank.



**Fig. 3.1**  
Character Logon  
Screen

## Program Interface Elements

### Menu System

MFG/PRO has 36 modules on the character-based Main Menu, divided into three categories: Distribution, Manufacturing, and Financial. In turn, each module has one or more menus attached to it. Menus are lists of programs you use to look up or input data.

**Fig. 3.2**  
Main Menu in  
Character Mode

```

eB2 Test - Progress : qaddb
-----
mfmenu                               Main Menu                               09/10/02
-----

```

| DISTRIBUTION            | MANUFACTURING            | FINANCIAL               |
|-------------------------|--------------------------|-------------------------|
| 1. Items/Sites          | 13. Product Structures   | 25. General Ledger      |
| 2. Addresses/Taxes      | 14. Routings/Work Center | 26. Multiple Currency   |
| 3. Inventory Control    | 15. Formula/Process      | 27. Accounts Receivable |
| 4.                      | 16. Work Orders          | 28. Accounts Payable    |
| 5. Purchasing           | 17. Shop Floor Control   | 29.                     |
| 6.                      | 18. Repetitive           | 30. Cost Management     |
| 7. Sales Orders/Invoice | 19. Quality Management   | 31. Cash Management     |
| 8. Configured Products  | 20. Product Line Plan    | 32. Fixed Assets        |
| 9.                      | 21. Resource Plan        | 33. Enterprise Ops Plan |
| 10. Project Realization | 22. Forecast/Master Plan | 34.                     |
| 11. Service/Support     | 23. Materials Rqmts Plan | 35. EDI ECommerce       |
| 12. Distribution Plan   | 24. Capacity Rqmts Plan  | 36. Manager Functions   |

```

Please select a function. F4 or blank to EXIT. █

```

Enter a menu number or Progress program name and press Enter.

When you enter a menu number on the command line, the system either executes a program or displays a lower-level menu. You can keep drilling down through the menus until you reach the appropriate level.

Alternatively, you can access a program directly by entering its Progress name—such as `ppptmt.p` for Item Master Maintenance—or number at the command prompt.

To run a program from the current submenu, enter just its number on that menu; for example, `1`. If it is on a different submenu, you must enter its full menu number preceded by a period.

**Example** If the current menu displayed is Manager Functions (36), you can enter `1` to access System/Account Control (36.1). However, you must enter `.1.4.1` to run Item Master Maintenance (1.1.4) because it is on a different submenu.

You can also use the arrow keys to move around the menu, then press Enter to execute the highlighted selection.



## Menu Substitutions

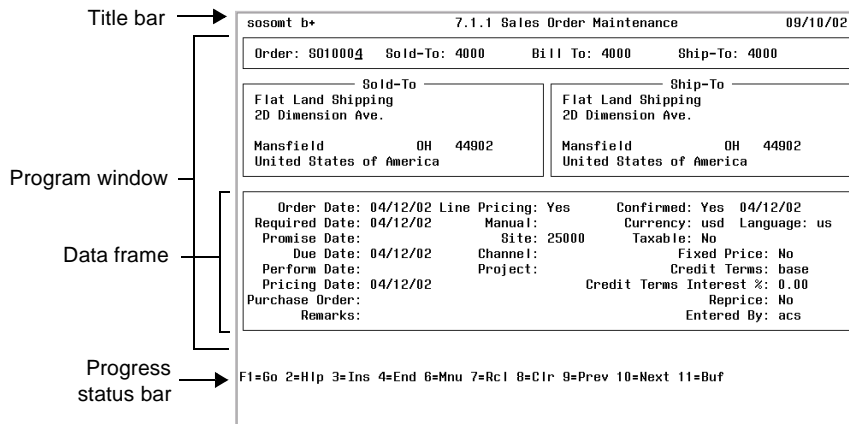
Menu substitution lets you toggle between displaying browses and inquiries on the menu. You can also use it to switch between customized and noncustomized versions of a program. The system administrator can use Menu Substitution Maintenance (36.20.6) to specify which programs are substituted for others when you select this option.

By default menu substitution is disabled. It can be enabled for individual users in User Maintenance (36.3.18). In the character interface, this is the only place it can be changed. In Windows, Menu Substitution is one of the options on the Option menu when it is accessed from an MFG/PRO menu.

▶ See *User Guide Volume 9: Manager Functions* for information on Menu Substitution Maintenance.

## Screen Elements

Figure 3.3 is an example of a program in character mode.



**Fig. 3.3**  
MFG/PRO  
Program in  
Character Mode

Elements of the character user interface are explained in the following sections:

- Title Bar
- Program Window
- Progress Status Bar
- User Menu
- Menu Bar (Browses Only)

## Title Bar

The title bar identifies the program currently running. For programs in the character interface, the system displays three elements in the title bar:

- The Progress program name, such as `ppptmt .p`
- The complete menu number, such as 1.4.1
- The program menu label, such as Item Master Maintenance

## Program Window

The program window displays the frames and fields of the current program.

### Getting Help

MFG/PRO provides two help tools that are accessible from any program window:

- Look-up browses
- Online help

In the character user interface, access help by pressing F2 successively. Up to three help windows display:

▶ For information on creating and attaching browses, see *User Guide Volume 9: Manager Functions*.

- The first time you press F2, a look-up browse displays if one is attached. If not, field help displays first.  
Use look-up browses to view records available to specified fields. You then choose a record to enter in the field.  
If you enter a value and press Enter, the list in the bottom of the browse frame scrolls to the first record that matches that value. Use the arrow keys to scroll through the list, then select the record by pressing Enter.
- Press F2 again to display field help. It describes a specific field and how it is used in the program. Most updateable fields have field help. Display-only fields do not.
- Press F2 again to display procedure help. It describes the program and how it is used in the module. Procedure help is not generally provided for reports, inquiries, browses, or control programs.

Press F4 successively to exit all levels of help and return to the program window.

### Progress Status Bar

The status bar shows the basic commands needed to navigate through the specific program currently displayed in the program window.

▶ See “Character-Mode Keyboard Commands” on page 93 for a complete list.

### User Menu

The User Menu saves time by letting you access a set of predefined programs directly, without entering menu numbers or program names at the command prompt. This way, you can execute a program without having to remember its menu number or Progress name.

Although the menu bar is available only with browses, you can access a User Menu from any program or menu by pressing F6. This listing includes programs specified in User Function Maintenance (36.4.11).

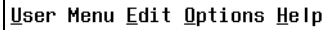
User Function Maintenance lets you assign programs to individual users or to all users. Use the following steps to navigate through the User Menu:

- Press F6 to open a pop-up window listing the programs assigned specifically to your user ID. If no programs are assigned, the list includes programs assigned to the blank user ID (all users).
- Press F4. If you have both user-specific and blank-ID programs assigned, the list updates to display programs assigned to all users. Otherwise, the pop-up window closes.
- Press Tab to move the cursor between the menu number and the program label. The system sorts lexically; for example, 28.13 is listed before 3.18. When you move the cursor to the program label column, the system re-sorts the list alphabetically.
- To run a program from the user menu, use the up and down arrows to select the program. Then press Enter.

## Menu Bar (Browses Only)

In character mode, browses have a menu bar that you can use to perform various tasks.

**Fig. 3.4**  
Browse Menu Bar



```
User Menu Edit Options Help
```

**Tip**  
Use the mouse from Windows character clients.

To access the menu bar, press Esc-M while a browse is running. You can then select a menu item with one of the following methods:

- Use the left and right arrows to move across to the menu you want. Then use the up and down arrows to highlight an item on the menu. Press Enter to select the item.
- Press the underlined letter for the menu you want to select. The cursor moves to that menu and displays the menu items. Use one of these methods to select an item:
  - Use the up and down arrows to highlight the item you want and press Enter.
  - Press the underlined letter for the item you want.

The following sections describe the items available on each menu in browses.

### User Menu

The User Menu provides access to:

- User Menu Items
- Print Options
- Run Program
- Exit

**Tip**  
This is not the menu accessed by pressing F6. See page 85.

◆ See page 88.

**Note** You cannot access the Progress Editor from the menus in the character interface.

### User Menu Items

User Menu items are user defined; you can use them to jump to other programs. When you exit the second program, the system returns you to the program that was running when you accessed the User Menu.

Programs displayed on the User Menu are defined in User Function Maintenance (36.4.11). This list is always the same, regardless of which program you are running.

See *User Guide Volume 9: Manager Functions*.

Defined in User Function Maintenance

Standard menu options

| User Menu Edit Options Help      |          |             |                     |
|----------------------------------|----------|-------------|---------------------|
| Sales Order Maintenance          |          |             |                     |
| Picklist/Pre-Shipper - Automatic |          |             |                     |
| Pre-Shipper/Shipper Confirm      |          |             |                     |
| EMT Tracking Report              |          |             |                     |
|                                  |          |             |                     |
| Print                            | CTRL-P   |             |                     |
| Run Program...                   | CTRL-R   |             |                     |
| Exit                             | ESC-X    |             |                     |
|                                  |          |             |                     |
| Order Browse (1-) 06/            |          |             |                     |
|                                  |          |             |                     |
| Item Number                      | UM       | Qty Ordered |                     |
| 0-10000                          | EA       | 125.0       |                     |
| 0-15000                          | EA       | 100.0       |                     |
| 0-15001                          | EA       | 250.0       |                     |
| 2-110                            | EA       | 87.0        |                     |
| 0-10000                          | EA       | 50.0        |                     |
| >S010027                         | 1001000  |             | 2 10-15000 EA 100.0 |
| S010027                          | 1001000  |             | 3 22-120 EA 125.0   |
| S010027                          | 1001000  |             | 4 22-130 EA 45.0    |
| S010028                          | 10010001 |             | 1 10-10000 EA 50.0  |
| S010028                          | 10010001 |             | 2 10-15001 EA 100.0 |

Filter = On

**Fig. 3.5**  
User Menu in Character Mode

### Print

Use this command to display the Printer Options dialog box. You can use this dialog to specify the print destination; for example, a server printer or your terminal. You can also indicate that the output should be placed in a file.

**Tip**  
Not all output options listed are available from the character interface. See page 92.

After you select an output device, the Browse Print Configuration window lets you specify the fields to be output. When you select fields, the system displays the number of characters in each line of the output.

### Run Program

Run Progress programs with this option. You can run any menu-level program without having to exit the current program.

Enter the Name of the Program

Name of Program to Run:

[ ] Use Menu Substitution

Substitute Program:

< OK > < Cancel >

**Fig. 3.6**  
Run Program Dialog Box

**Tip**

The accelerator key is Ctrl+R.

- 1 Press Esc-M to access the drop-down User Menu and select Run Program.
- 2 In the pop-up window, enter one of the following:
  - The Progress program name, such as ppptmt. You do not have to enter the file extension of .p.
  - A menu number. To run a program from the same submenu as the current program, enter just its number on that menu; for example, enter 1. If it is on a different submenu, you must enter its full menu number preceded by a period; for example, enter .1.4.1 to run Item Master Maintenance.
- 3 Optionally specify whether the system should run a substitute program. Press Tab to cycle through the fields on the dialog box. Press Enter or Space to toggle the Use Menu Substitution field. If you select Use Menu Substitution and the system finds a substitute program, it displays the program name.

**Note** If no substitute program has been set up for the specified program in Menu Substitution Maintenance (36.20.6), the system disregards this field.

- 4 Press Go.

When you exit the second program, the system returns to the program that was running when you accessed the User Menu.

### Exit

You can exit the current program through the User Menu. You can also exit programs by either of the following methods.

- Press F4.
- Press Ctrl+E.

### Progress Editor

Unlike the Windows interface, the character user interface does not allow you to access the Progress Editor from the User Menu. Instead, use the following procedure.

- 1 Press F4 until the following prompt displays:

```
Please confirm exit
```

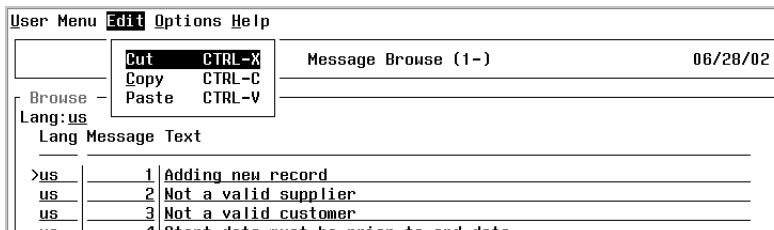
▶ See “Menu Substitutions” on page 83.

- 2 Instead of entering Y to confirm or N to cancel, enter P.

This launches the Progress Editor. The status bar displays navigation commands.

### Edit Menu

Use this drop-down menu to cut, copy, and paste text.



**Fig. 3.7**  
Edit Drop-Down  
Menu

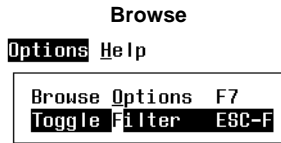
Cutting text deletes it from its current location and copies it to the clipboard. Copying is similar, but it leaves the original text in place. In both cases, you can paste the text to another location, such as a field.

- 1 Choose the text to cut or copy.
- 2 Display the Edit menu. This menu choice is available only when text is selected.
- 3 Choose Cut or Copy.
- 4 Position the cursor in the new location.
- 5 Display the Edit menu and choose Paste.

### Options Menu

To turn an option on or off, access the menu, scroll to the option, and press Enter, or type the underlined letter. A > character next to an option shows that it is on.

**Fig. 3.8**  
Options Menu in  
Character Mode



### Browse Options

See “Filtering and Sorting Browsers” on page 68.

Use this option to set up filter criteria for browses. This is similar to the filter function in the Windows interface. Remember to substitute the character mode function keys for the Windows buttons.

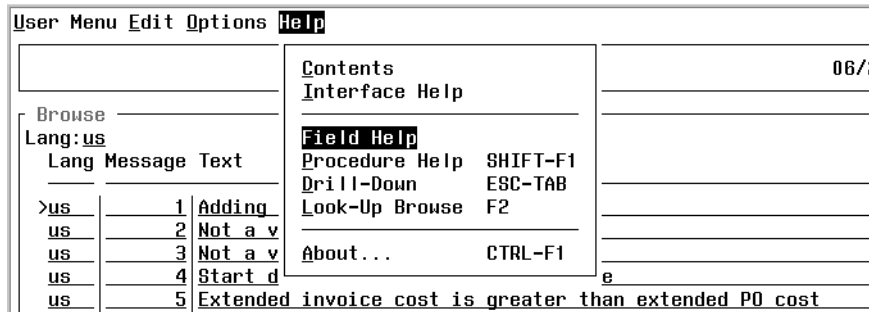
### Toggle Filter

Use the toggle filter setting to turn on and off the filter criteria set up in the browse filter options.

### Help Menu

Use this menu to access help on fields, as well as display drill downs and look-up browses on selected fields.

**Fig. 3.9**  
Help Menu



**Note** Although Contents and Interface Help appear on the Help menu, they are not available in the character user interface. This is also true of several keyboard accelerator keys listed.



## Field Help

The fastest way to get help for the current field is by pressing F2 twice (press F2 once and, if available, a look-up browse displays), but you can also bring it up with the Help menu. With the cursor in the field, drop down the Help menu and choose Field Help.

## Procedure Help

Procedure help is not included for browses. Choosing this option displays an error message.

## Drill-Down

Drill-downs are browses accessed by choosing Drill-Down on the menu. You use drill downs to view records associated with specified fields and programs.

With the cursor in the field, drop down the Help menu and choose Drill-Down.

▶ For more information, see “Drill-Down Browses” on page 67.

**Note** Browse graphing is not available in the character interface.

## Look-Up Browse

This is the same browse that displays the first time you press F2, if it is attached to the field.

▶ See “Getting Help” on page 84.

## About...

This option gives you technical information about the system.

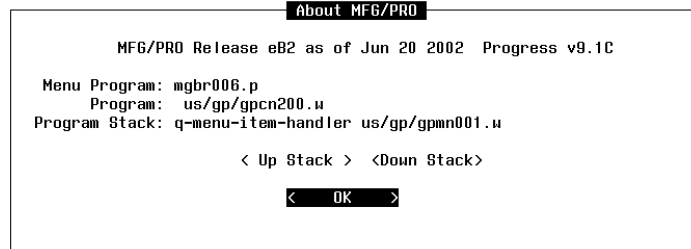
You can use the Program Stack field to display the names of the programs used to call the current program.

Press Tab to move between the command buttons, then press Enter to move up or down the program stack.

- Select Up Stack to move toward the main menu.
- Select Down Stack to move toward the current program.

When you reach either the top or the bottom of the stack, the appropriate command button is disabled.

**Fig. 3.10**  
About... Screen



## Output Devices

▶ See “Output Devices” on page 73.

Just as in the Windows interface, you can send the output from reports, inquiries, and browses to a number of devices, including the following:

- Your terminal
- A server printer
- An e-mail message

However, the character user interface does not offer as many options as the GUI interface.

- You can send output to Terminal, but not to Window. If you select Window, the system displays an error message.
- The Winprint option is designed only for Windows clients. If you select this option, the system displays an error message.

▶ See *User Guide Volume 9: Manager Functions* for information on setting up printers and using e-mail.

Otherwise, the output options are the same in both interfaces. If you select a printer as the output device, be sure to use one that has been defined with a Destination Type of Default in Printer Setup Maintenance (36.13.2).

Just as in the Windows interface, you cannot use e-mail unless it has been set up properly.

## Character-Mode Keyboard Commands

Tables 3.1 through 3.3 list the navigation, help, and edit keyboard commands used throughout the character user interface. When you are using a program, the Progress status bar at the bottom of the screen summarizes the specific keys used in that program.

▶ See page 76 for Windows keyboard commands.

**Note** Some commands require two keys to be pressed at the same time; other key strokes are sequential. This table uses a plus sign (+) to indicate keys pressed at the same time and a hyphen (-) to show keys pressed in sequence.

| Navigation Commands | Keyboard Entry    | Control Key Entry | Description   |
|---------------------|-------------------|-------------------|---|
| Go                  | F1                | Ctrl+X            | Moves to next frame.  |
| End                 | F4                | Ctrl+E            | Exits a frame, program, or menu.  |
| User Menu           | F6                | Ctrl+P            | Displays list of user-selected programs.  |
| Previous            | F9 or up arrow    | Ctrl+K            | Retrieves previous record in a key data field and scrolls up in look-up browses.                    |
| Next                | F10 or down arrow | Ctrl+J            | Retrieves next record in a key data field and scrolls down in look-up browses.                      |
| Enter               | Enter             |                   | Moves to next field within a frame.   |
| Tab                 | Tab               |                   | Moves to next field within a frame.   |
| Back Tab            |                   | Ctrl+U            | Moves back one field within a frame.  |
| Menu Bar (Browse)   | Esc-M             |                   | Accesses the menu bar. This is not available from Windows character clients. Use the mouse instead. |

**Table 3.1**  
Character Navigation Commands

| Help Commands  | Keyboard Entry | Control Key Entry | Description                      |
|----------------|----------------|-------------------|----------------------------------|
| Field Help     | F2             |                   | Opens help on current field.     |
| Procedure Help | F2             |                   | Opens help on current program.   |
| Look-Up Browse | F2             |                   | Displays choice of records.      |
| Browse Options | F7             |                   | Opens the browse options window. |

**Table 3.2**  
Character Help Commands

| Help Commands         | Keyboard Entry | Control Key Entry | Description   |
|-----------------------|----------------|-------------------|---|
| Browse Options Toggle | Esc-F          |                   | Turns the browse options on and off. This is not available from Windows character clients. Use the mouse instead. |
| Field Name            | Ctrl+F         | Ctrl+F            | Displays the field name.  |

**Table 3.3**  
Character Edit  
Commands

| Edit Commands | Keyboard Entry | Control Key Entry | Description   |
|---------------|----------------|-------------------|---|
| Insert        | F3             | Ctrl+T            | Enables text insertion.   |
| Delete Record | F5             | Ctrl+D            | Deletes an open record.   |
| Recall        | F7             | Ctrl+R            | Recalls last saved value in a field.  |
| Cut           | F8             |                   | Clears a field.   |
| Copy          | F11            | Ctrl+B            | Copies a field.   |
| Paste         | F11            | Ctrl+B            | Inserts value that you copied.  |
| Multiple Copy | F12            | Ctrl+A            | Copies values from one or more fields and pastes them into the same fields of another record. |
| Clear Date    | Shift+?        |                   | Clears the value in date fields.  |

### Stored Values for Fields

F12 or Ctrl+A stores values for any number of fields. Values are pasted back when you press F12 or Ctrl+A again. The field values are stored separately for each field and for each user, and the values are saved between logon sessions.

**Example** Using Sales Order Maintenance, enter a value in Channel and press F12 while the cursor is still in the field to store the value. Then enter a value in Credit Terms and press F12 to store that entry. Finish entering the sales order. The next time you enter a sales order, press F12 in the empty Channel field and the stored value is entered. Press F12 on the Credit Terms to input the stored credit terms.

To store field values in a maintenance program, you must select Go or Enter through the frame containing the field values you stored. If you exit the frame using End, the field values you stored are not saved. This is only true in maintenance and other update programs. Values stored using F12 in reports and inquiries are saved even if you do not select Go or Enter to complete the frame.





Chapter 4

# Menu and Program Name Listing

This chapter contains a listing of all MFG/PRO menu items, by menu number, menu label, and program name.

## 1. Items/Sites Menu

| Menu   | Menu Label                          | Program Name |
|--------|-------------------------------------|--------------|
| 1.1    | Site/Location/Status Menu ...       |              |
| 1.1.1  | Inventory Status Code Maintenance   | icstmt.p     |
| 1.1.2  | Inventory Status Code Browse        | gpbr349.p    |
| 1.1.3  | Inventory Status Code Report        | icstrp.p     |
| 1.1.5  | Item Status Code Maintenance        | ppstmt.p     |
| 1.1.6  | Item Status Code Browse             | gpbr198.p    |
| 1.1.7  | Item Status Code Report             | ppstrp.p     |
| 1.1.9  | Inventory Movement Code Maintenance | soimmt.p     |
| 1.1.10 | Inventory Movement Code Browse      | gpbr501.p    |
| 1.1.13 | Site Maintenance                    | icsimt.p     |
| 1.1.14 | Site Browse                         | gpbr348.p    |
| 1.1.15 | Site Report                         | icsirp.p     |
| 1.1.18 | Location Maintenance                | iclomt.p     |
| 1.1.19 | Location Browse                     | gpbr336.p    |
| 1.1.20 | Location Report                     | iclorp01.p   |
| 1.2    | Product Line/Account Menu ...       |              |
| 1.2.1  | Product Line Maintenance            | ppplmt.p     |
| 1.2.2  | Product Line Inquiry                | pppliq.p     |
| 1.2.3  | Product Line Report                 | ppplr.p      |
| 1.2.5  | Purchasing Account Maintenance      | ppplpmt.p    |
| 1.2.6  | Purchasing Account Inquiry          | ppplpiq.p    |
| 1.2.7  | Purchasing Account Report           | ppplr.p      |
| 1.2.9  | Work Order Account Maintenance      | ppplwmt.p    |
| 1.2.10 | Work Order Account Inquiry          | ppplwiq.p    |
| 1.2.11 | Work Order Account Report           | ppplwrp.p    |
| 1.2.13 | Inventory Account Maintenance       | pppldmt.p    |
| 1.2.14 | Inventory Account Browse            | ppbr011.p    |
| 1.2.17 | Sales Account Maintenance           | ppplsmt.p    |
| 1.2.18 | Sales Account Browse                | ppbr012.p    |
| 1.2.19 | Sales Account Report                | ppplsrp.p    |



| <b>Menu</b> | <b>Menu Label</b>                    | <b>Program Name</b> |
|-------------|--------------------------------------|---------------------|
| 1.2.21      | Logistics Charge Account Menu...     |                     |
| 1.2.21.1    | Inbound Account Maintenance          | laiacmt.p           |
| 1.2.21.2    | Inbound Account Inquiry              | laiaciq.p           |
| 1.2.21.13   | Outbound Accrual Account Maint       | laoacmnt.p          |
| 1.2.21.14   | Outbound Accrual Account Inquiry     | laoacriq.p          |
| 1.2.21.16   | Outbound Expense Account Maint       | laoexpmt.p          |
| 1.2.21.17   | Outbound Expense Account Inquiry     | laoexpiq.p          |
| 1.4         | Item Data Menu ...                   |                     |
| 1.4.1       | Item Master Maintenance              | ppptmt.p            |
| 1.4.2       | Item Master Inquiry                  | ppptiq05.p          |
| 1.4.3       | Item Data Maintenance                | ppptmt04.p          |
| 1.4.4       | Item Data Inquiry                    | ppptiq04.p          |
| 1.4.5       | Item Inventory Data Maintenance      | ppptmt01.p          |
| 1.4.6       | Item-Site Inventory Data Inquiry     | ppptiq01.p          |
| 1.4.7       | Item Planning Maintenance            | ppptmt02.p          |
| 1.4.8       | Item-Site Planning Inquiry           | ppptiq02.p          |
| 1.4.9       | Item Cost Maintenance                | ppptmt03.p          |
| 1.4.10      | Item-Site Cost Inquiry               | ppptiq03.p          |
| 1.4.11      | Item-Site Master Inquiry             | ppptiq00.p          |
| 1.4.12      | Item Master Copy                     | ppptcp.p            |
| 1.4.13      | Item Number Change                   | ppptcg.p            |
| 1.4.14      | Item Cost Set Name Change            | ppcscg.p            |
| 1.4.15      | Item-Element Cost Batch Load         | ppcsbtld.p          |
| 1.4.16      | Item-Site Inventory Data Maintenance | pppsmt01.p          |
| 1.4.17      | Item-Site Planning Maintenance       | pppsmt02.p          |
| 1.4.18      | Item-Site Cost Maintenance           | pppsmt03.p          |
| 1.4.19      | Commodity Code Maintenance           | ppcommt.p           |
| 1.4.20      | Item Burden Cost Update              | ppbdov01.p          |
| 1.4.21      | Item Overhead Cost Update            | ppbdov02.p          |
| 1.4.22      | Current Cost Set Move to GL Set      | ppcscp01.p          |
| 1.4.23      | GL Cost Set Move to Current Set      | ppcscp02.p          |
| 1.5         | Item Reports Menu ...                |                     |
| 1.5.1       | Item Master Report                   | ppptrp.p            |

| <b>Menu</b> | <b>Menu Label</b>                     | <b>Program Name</b> |
|-------------|---------------------------------------|---------------------|
| 1.5.2       | Item Data Report                      | ppptrp11.p          |
| 1.5.3       | Item Inventory Data Report            | ppptrp20.p          |
| 1.5.4       | Item Planning Report                  | ppptrp12.p          |
| 1.5.5       | Item Lead Time Report                 | ppptrp14.p          |
| 1.5.6       | Item Cost Report                      | ppptrp13.p          |
| 1.5.8       | Stock Status Report                   | ppptrp01.p          |
| 1.5.9       | Item ABC Status Report/Update         | ppptrp04.p          |
| 1.5.10      | Reorder Report                        | ppptrp02.p          |
| 1.5.12      | Item Master Comments Report           | ppcmrp.p            |
| 1.5.13      | Item Labels Print                     | ppptrp09.p          |
| 1.5.15      | Item-Site Inventory Data Report       | pppsrp20.p          |
| 1.5.16      | Item-Site Planning Report             | pppsrp12.p          |
| 1.5.17      | Item-Site Lead Time Report            | pppsrp14.p          |
| 1.5.21      | Inventory Valuation Report            | ppptrp03.p          |
| 1.5.22      | Inventory Valuation by Location       | ppptrp05.p          |
| 1.5.23      | Inventory Valuation as of Date        | ppptrp06.p          |
| 1.5.24      | Inventory Valuation as of by Location | ppptrp07.p          |
| 1.6         | Item Browse                           | ppbr013.p           |
| 1.8         | Analysis Code Menu ...                |                     |
| 1.8.1       | Analysis Code Maintenance             | ppacmt.p            |
| 1.8.2       | Analysis Code Inquiry                 | ppaciq01.p          |
| 1.8.4       | Analysis Code Selection Maintenance   | ppacrl.p            |
| 1.8.5       | Analysis Code Selection Inquiry       | ppaciq03.p          |
| 1.8.7       | Analysis Code Link Maintenance        | ppacln.p            |
| 1.8.8       | Analysis Code Link Inquiry            | ppaciq02.p          |
| 1.8.9       | Analysis Code Where-Linked Inquiry    | ppaciq07.p          |
| 1.8.13      | Analysis Code Detail Maintenance      | ppacdt.p            |
| 1.8.14      | Analysis Code Detail Inquiry          | ppaciq04.p          |
| 1.8.15      | Analysis Code Where-Used Inquiry      | ppaciq05.p          |
| 1.8.17      | Analysis Code Report                  | ppacrp01.p          |
| 1.8.19      | Analysis Code Detail Build            | ppacut01.p          |
| 1.8.20      | Analysis Code Copy                    | ppaccp.p            |
| 1.9         | Product Change Control Menu ...       |                     |

| <b>Menu</b> | <b>Menu Label</b>                    | <b>Program Name</b> |
|-------------|--------------------------------------|---------------------|
| 1.9.1       | PCC Setup Menu ...                   |                     |
| 1.9.1.1     | Group Maintenance                    | pcgrmt.p            |
| 1.9.1.2     | Group Browse                         | pcbr004.p           |
| 1.9.1.3     | Maintain Users in Groups             | pcurgmt.p           |
| 1.9.1.4     | Groups by User Browse                | pcbr002.p           |
| 1.9.1.5     | Routing Slip Maintenance             | pcrsmt.p            |
| 1.9.1.6     | Routing Slip Browse                  | pcbr006.p           |
| 1.9.1.7     | Routing Slip Copy                    | pcrscp.p            |
| 1.9.1.9     | PCR/PCO Type Maintenance             | pctypemt.p          |
| 1.9.1.10    | PCR/PCO Type Browse                  | pcbr026.p           |
| 1.9.2       | PCR/PCO Maintenance Menu ...         |                     |
| 1.9.2.1     | PCR Maintenance                      | ecprmt.p            |
| 1.9.2.2     | PCR Browse                           | pcbr024.p           |
| 1.9.2.4     | Route PCR for Approval               | ecrsbmt.p           |
| 1.9.2.8     | PCR/PCO Detail Inquiry               | ececiq.p            |
| 1.9.2.13    | PCO Maintenance                      | ecpcomt.p           |
| 1.9.2.14    | PCO Browse                           | pcbr025.p           |
| 1.9.2.16    | Route PCO for Approval               | ecosbmt.p           |
| 1.9.6       | Approvals Menu ...                   |                     |
| 1.9.6.1     | PCR/PCO Approval                     | pcapqu.p            |
| 1.9.6.2     | Approval Browse                      | pcbr029.p           |
| 1.9.6.13    | Detail Approval Maintenance          | pcapdtmt.p          |
| 1.9.7       | PCO Implementation Menu ...          |                     |
| 1.9.7.1     | Release and Distribution             | ecrels.p            |
| 1.9.7.3     | Incorporation Planning Report        | ecinplan.p          |
| 1.9.7.4     | Incorporation Selection              | ecincsel.p          |
| 1.9.7.5     | Incorporation                        | ecincpro.p          |
| 1.9.7.13    | Implementation                       | ecimppro.p          |
| 1.9.9       | PCC Reports and Inquiries Menu ...   |                     |
| 1.9.9.1     | Print PCR/PCO                        | ececrp.p            |
| 1.9.9.3     | Affected Structures/Formulas Inquiry | ecbmsiq.p           |
| 1.9.9.4     | Structure/Formula Impact Report      | ecpsfmrp.p          |
| 1.9.9.6     | Item Revision History Browse         | ecbr007.p           |

| <b>Menu</b> | <b>Menu Label</b>                         | <b>Program Name</b> |
|-------------|---|---------------------|
| 1.9.11      | PCR/PCO Status Browse                     | pcbr003.p           |
| 1.9.13      | PCR/PCO Import/Export                     | ecdmpld.p           |
| 1.9.14      | PCR/PCO Close                             | ecclose.p           |
| 1.9.15      | PCR/PCO Delete/Archive                    | ecarcdel.p          |
| 1.9.24      | PCC Control                               | pcpcpm.p            |
| 1.10        | Price List and Discount Menu ...          |                     |
| 1.10.1      | SO/SQ/RMA Issues Pricing Menu ...         |                     |
| 1.10.1.1    | Price List Maintenance                    | pppimt.p            |
| 1.10.1.2    | Price List Inquiry                        | pppii01.p           |
| 1.10.1.3    | Price List Report                         | pppir01.p           |
| 1.10.1.5    | Price Lists by Customer Inquiry           | pppii02.p           |
| 1.10.1.6    | Price Lists by Item Inquiry               | pppii03.p           |
| 1.10.1.8    | Price List Copy                           | pppicp.p            |
| 1.10.1.13   | Pricing What-If Inquiry (S/O)             | sopiwiq.p           |
| 1.10.1.15   | Customer Orders by Price List Inquiry     | pppii04.p           |
| 1.10.1.17   | Sales Order Price Inquiry                 | soppiq.p            |
| 1.10.1.18   | Sales Quote Price Inquiry                 | sqppiq.p            |
| 1.10.1.24   | Pricing Control                           | pppipm.p            |
| 1.10.2      | PO/RTS/Sched/RMA Receipt Pricing Menu ... |                     |
| 1.10.2.1    | Price List Maintenance                    | pppcmt.p            |
| 1.10.2.2    | Price List Browse                         | ppbr003.p           |
| 1.10.2.3    | Price List Report                         | pppcrp.p            |
| 1.10.2.4    | Price List By Item Report                 | pppcr01.p           |
| 1.10.2.5    | Price List Copy                           | pppccp.p            |
| 1.10.2.6    | Price List Generation By Item             | pppcptup.p          |
| 1.10.13     | Volume Discount Maintenance               | sosdmt.p            |
| 1.10.14     | Volume Discount Browse                    | sobr008.p           |
| 1.12        | Master Comment Maintenance                | gpcmmt.p            |
| 1.13        | Unit of Measure Maintenance               | ppummt.p            |
| 1.14        | Unit of Measure Browse                    | ppbr021.p           |
| 1.16        | Customer Item Maintenance                 | ppcpmt.p            |
| 1.17        | Customer Item Browse                      | ppbr001.p           |
| 1.18        | Customer Item Report                      | ppccrp.p            |

| <b>Menu</b> | <b>Menu Label</b>                 | <b>Program Name</b> |
|-------------|-----------------------------------|---------------------|
| 1.19        | Supplier Item Maintenance         | ppvpmt.p            |
| 1.20        | Supplier Item Browse              | ppbr022.p           |
| 1.21        | Supplier Item Report              | ppvvrp.p            |
| 1.22        | Compliance Menu ...               |                     |
| 1.22.1      | Lot Master Maintenance            | cllmt.p             |
| 1.22.2      | Lot Master Inquiry                | icltniq.p           |
| 1.22.4      | Work Order Attribute Maintenance  | clatmt.p            |
| 1.22.5      | Work Order Attribute Browse       | clbr001.p           |
| 1.22.9      | Work Order Batch Browse           | clbr002.p           |
| 1.22.13     | Lot Group Maintenance             | cllgmt.p            |
| 1.22.14     | Lot Group Inquiry                 | cllgiq.p            |
| 1.22.16     | Controlled Substances Menu ...    |                     |
| 1.22.16.1   | Controlled Authority Maintenance  | clctamt.p           |
| 1.22.16.2   | Controlled Authority Inquiry      | clctaiq.p           |
| 1.22.16.4   | Controlled Customer Maintenance   | clctcmt.p           |
| 1.22.16.5   | Controlled Customer Browse        | clbr003.p           |
| 1.22.16.7   | Controlled Site Maintenance       | clctsmt.p           |
| 1.22.16.8   | Controlled Site Browse            | clbr004.p           |
| 1.22.16.10  | Controlled Item Maintenance       | clctpmt.p           |
| 1.22.16.11  | Controlled Item Report            | clctprp.p           |
| 1.22.16.13  | General License Maintenance       | clglimt.p           |
| 1.22.16.14  | General License Report            | clglirp.p           |
| 1.22.16.16  | Individual License Maintenance    | clilimt.p           |
| 1.22.16.17  | Individual License Master Report  | clilirp.p           |
| 1.22.19     | Multi-Lot Inventory Detail Update | clltamt.p           |
| 1.22.22     | Lot Master Build                  | clltbd.p            |
| 1.22.23     | Lot Master Delete/Archive         | clltup.p            |
| 1.22.24     | Compliance Control                | clclpm.p            |

## 2. Addresses/Taxes Menu

| Menu    | Menu Label                           | Program Name |
|---------|--------------------------------------|--------------|
| 2.1     | Customers Menu ...                   |              |
| 2.1.1   | Customer Maintenance                 | adcsmt.p     |
| 2.1.2   | Customer Browse                      | adbr001.p    |
| 2.1.3   | Customer Address Report              | adcsrp.p     |
| 2.1.4   | Customer Master Report               | adcsrp01.p   |
| 2.1.5   | Customer Labels Print                | adcsrp02.p   |
| 2.1.7   | Customer Credit Limit Adjustment     | adcsr.p      |
| 2.1.9   | Reserved Location Menu...            |              |
| 2.1.9.1 | Reserved Location Maintenance        | adrlmt.p     |
| 2.1.9.2 | Reserved Location Browse             | icbr013.p    |
| 2.1.9.3 | Reserved Location Report             | adrlrp.p     |
| 2.1.9.5 | Detail Allocations Inventory Inquiry | icrlq.p      |
| 2.1.9.6 | Detail Allocations Inventory Report  | icrlrp.p     |
| 2.1.12  | Master Comment Maintenance           | gpcmmt.p     |
| 2.1.13  | Customer Ship-to Maintenance         | adstmt.p     |
| 2.1.14  | Customer Ship-to Inquiry             | adstiq.p     |
| 2.1.15  | Customer Ship-to Address Report      | adstrp.p     |
| 2.1.16  | Temporary Ship-to Delete             | adstdl.p     |
| 2.1.18  | Salesperson Assignment Report        | adcsrp03.p   |
| 2.1.24  | Customer Control                     | adcspm.p     |
| 2.3     | Suppliers Menu ...                   |              |
| 2.3.1   | Supplier Maintenance                 | advnmt.p     |
| 2.3.2   | Supplier Browse                      | adbr014.p    |
| 2.3.3   | Supplier Address Report              | advnrp.p     |
| 2.3.4   | Supplier Master Report               | advnrp01.p   |
| 2.3.5   | Supplier Labels Print                | advnrp02.p   |
| 2.3.12  | Master Comment Maintenance           | gpcmmt.p     |
| 2.3.13  | Supplier Remit-to Maintenance        | adrmt.p      |
| 2.3.14  | Supplier Remit-to Browse             | adbr009.p    |
| 2.3.15  | Supplier Remit-to Report             | adrtrp.p     |
| 2.3.24  | Supplier Control                     | advdpm.p     |
| 2.5     | Salespersons Menu ...                |              |

| <b>Menu</b> | <b>Menu Label</b>              | <b>Program Name</b> |
|-------------|--------------------------------|---------------------|
| 2.5.1       | Salesperson Maintenance        | adspmt.p            |
| 2.5.2       | Salesperson Browse             | adbr010.p           |
| 2.5.4       | Salesperson Master Report      | adsprp.p            |
| 2.5.6       | Salesperson Commission Detail  | adspmt01.p          |
| 2.5.7       | Commission Detail Browse       | adbr011.p           |
| 2.5.8       | Commission Detail Report       | adsprp04.p          |
| 2.5.12      | Master Comment Maintenance     | gpcmmt.p            |
| 2.5.13      | Salesperson Commission Report  | adsprp01.p          |
| 2.5.14      | Salesperson Bookings Report    | adsprp02.p          |
| 2.5.15      | Salesperson Shipments Report   | adsprp09.p          |
| 2.5.16      | Salesperson Payments Report    | adsprp03.p          |
| 2.5.24      | Salesperson Control            | adsppm.p            |
| 2.7         | Employees Menu ...             |                     |
| 2.7.1       | Employee Maintenance           | ademmt.p            |
| 2.7.2       | Employee Browse                | adbr006.p           |
| 2.7.4       | Employee Master Report         | ademrp.p            |
| 2.7.12      | Master Comment Maintenance     | gpcmmt.p            |
| 2.7.24      | Employee Control               | adempm.p            |
| 2.9         | Address List Type Maintenance  | adlsmt.p            |
| 2.10        | Address List Type Browse       | adbr008.p           |
| 2.11        | Address Code Change            | adadcg.p            |
| 2.12        | Company Address Maintenance    | admgmt06.p          |
| 2.13        | Global Tax Management Menu ... |                     |
| 2.13.1      | Tax Parameters Menu ...        |                     |
| 2.13.1.1    | Tax Type Maintenance           | txtxtmt.p           |
| 2.13.1.2    | Tax Type Browse                | txbr010.p           |
| 2.13.1.3    | Tax Type Report                | txtxtrp.p           |
| 2.13.1.5    | Tax Class Maintenance          | txtaxcmt.p          |
| 2.13.1.6    | Tax Class Browse               | txbr008.p           |
| 2.13.1.7    | Tax Class Report               | txtaxcrp.p          |
| 2.13.1.9    | Tax Usage Maintenance          | txtxumt.p           |
| 2.13.1.10   | Tax Usage Browse               | txbr011.p           |
| 2.13.1.11   | Tax Usage Report               | txtxurp.p           |

| <b>Menu</b> | <b>Menu Label</b>                 | <b>Program Name</b> |
|-------------|-----------------------------------|---------------------|
| 2.13.1.13   | Tax Base Maintenance              | txtxbmt.p           |
| 2.13.1.14   | Tax Base Inquiry                  | txtxbiq.p           |
| 2.13.1.15   | Tax Base Report                   | txtxbrp.p           |
| 2.13.1.17   | Rounding Method Maintenance       | mgrndmt.p           |
| 2.13.1.18   | Rounding Method Browse            | adbr016.p           |
| 2.13.1.19   | Rounding Method Report            | mgrndrp.p           |
| 2.13.1.21   | Trailer Tax Detail Maintenance    | txtrldmt.p          |
| 2.13.1.22   | Trailer Tax Detail Inquiry        | txtrldiq.p          |
| 2.13.1.23   | Trailer Tax Detail Report         | txtrldrp.p          |
| 2.13.3      | Tax Jurisdictions Menu ...        |                     |
| 2.13.3.13   | Tax Zone Maintenance              | txtxzmt.p           |
| 2.13.3.14   | Tax Zone Browse                   | txbr012.p           |
| 2.13.3.15   | Tax Zone Report                   | txtxzrp.p           |
| 2.13.3.17   | Tax Hierarchy Inquiry             | txtxziq1.p          |
| 2.13.3.18   | Tax Hierarchy Report              | txtxzrp1.p          |
| 2.13.5      | Tax Environment Menu ...          |                     |
| 2.13.5.1    | Tax Environment Maintenance       | txtxemt.p           |
| 2.13.5.2    | Tax Environment Browse            | txbr009.p           |
| 2.13.5.3    | Tax Environment Report            | txtxerp.p           |
| 2.13.13     | Tax Rate Menu ...                 |                     |
| 2.13.13.1   | Tax Rate Maintenance              | txtx2mt.p           |
| 2.13.13.2   | Tax Rate Inquiry                  | txtx2iq.p           |
| 2.13.13.3   | Tax Rate Report                   | txtx2rp.p           |
| 2.13.13.5   | Tax Rate Copy/Update              | txtx2upd.p          |
| 2.13.15     | Tax History Menu ...              |                     |
| 2.13.15.2   | Tax Detail by Transaction Inquiry | txtx2diq.p          |
| 2.13.15.3   | Tax Detail by Transaction Report  | txtx2drp.p          |
| 2.13.15.8   | EC Sales Listing                  | vtvterp.p           |
| 2.13.15.9   | VAT Registration Number Report    | advterp.p           |
| 2.13.15.13  | AR Tax by Transaction Report      | txarrp.p            |
| 2.13.15.14  | AR Tax by Tax Rate Report         | txarrp01.p          |
| 2.13.15.16  | AP Tax by Transaction Report      | txaprp.p            |
| 2.13.15.17  | AP Tax by Tax Rate Report         | txaprp01.p          |



| <b>Menu</b> | <b>Menu Label</b>                | <b>Program Name</b> |
|-------------|----------------------------------|---------------------|
| 2.13.22     | Conversion Menu ...              |                     |
| 2.13.22.1   | VAT to GTM—Setup                 | txvatcnv.p          |
| 2.13.22.2   | VAT to GTM—Masters               | txvatmst.p          |
| 2.13.22.3   | VAT to GTM—Transactions          | txvattrn.p          |
| 2.13.22.5   | USA to GTM—Setup                 | txusacnv.p          |
| 2.13.22.6   | USA to GTM—Masters               | txusamst.p          |
| 2.13.22.7   | USA to GTM—Transactions          | txusatrn.p          |
| 2.13.22.9   | CAN to GTM—Setup                 | txcancnv.p          |
| 2.13.22.10  | CAN to GTM—Masters               | txcanmst.p          |
| 2.13.22.11  | CAN to GTM—Transactions          | txcantrn.p          |
| 2.13.23     | Sales and Use Tax Interface ...  |                     |
| 2.13.23.1   | Tax Interface Startup Utility    | vqstart.p           |
| 2.13.23.2   | Tax Interface Shut down Utility  | vqshut.p            |
| 2.13.23.13  | Tax Zone Update Utility          | vqadzup.p           |
| 2.13.23.24  | Tax Interface Control            | vqpm.p              |
| 2.13.24     | Global Tax Management Control    | txtxcmt.p           |
| 2.14        | Country Code Menu...             |                     |
| 2.14.1      | Country Code Maintenance         | adctrymt.p          |
| 2.14.2      | Country Code Browse              | adbr015.p           |
| 2.14.3      | Country Code Report              | adctryrp.p          |
| 2.15        | Logistics Accounting Menu ...    |                     |
| 2.15.1      | Logistics Charge Code Maint      | lalcmt.p            |
| 2.15.2      | Logistics Charge Code Inquiry    | lalcinq.p           |
| 2.15.4      | Terms of Trade Maintenance       | latotmt.p           |
| 2.15.5      | Terms of Trade Inquiry           | latotiq.p           |
| 2.15.7      | Log Charge Pending Voucher Maint | lapvomt.p           |
| 2.15.13     | Inbound Account Maintenance      | laiacmt.p           |
| 2.15.14     | Inbound Account Inquiry          | laiaciq.p           |
| 2.15.16     | Outbound Accrual Account Maint   | laoacrm.t           |
| 2.15.17     | Outbound Accrual Account Inquiry | laoacriq.p          |
| 2.15.19     | Outbound Expense Account Maint   | laoexpmt.p          |
| 2.15.20     | Outbound Expense Account Inquiry | laoexpiq.p          |
| 2.15.24     | Logistics Accounting Control     | lacpm.p             |

| <b>Menu</b> | <b>Menu Label</b>                        | <b>Program Name</b> |
|-------------|--|---------------------|
| 2.16        | Delivery Transit Time Menu...            |                     |
| 2.16.1      | Delivery Transit Time Maintenance        | sodtmt.p            |
| 2.16.2      | Delivery Transit Time Browse             | sobr020.p           |
| 2.16.3      | Delivery Transit Time Report             | sodtrp.p            |
| 2.17        | Carriers Menu ...                        |                     |
| 2.17.1      | Carrier Maintenance                      | adcamt.p            |
| 2.17.2      | Carrier Browse                           | adbr022.p           |
| 2.17.24     | Carrier Control                          | adcapm.p            |
| 2.18        | Shipping Group/Document Menu ...         |                     |
| 2.18.1      | Shipping Group Maintenance               | sosgmt.p            |
| 2.18.2      | Shipping Group Browse                    | gpbr505.p           |
| 2.18.3      | Shipping Group Address Browse            | gpbr503.p           |
| 2.18.4      | Shipping Group Inventory Movement Browse | gpbr504.p           |
| 2.18.5      | Shipping Group Report                    | sosgrp.p            |
| 2.18.13     | Document Format Maintenance              | sodfmt.p            |
| 2.18.14     | Document Format Browse                   | gpbr500.p           |
| 2.19        | Credit Terms/Trailer Codes Menu ...      |                     |
| 2.19.1      | Credit Terms Maintenance                 | adcrtmt.p           |
| 2.19.2      | Credit Terms Browse                      | gpbr353.p           |
| 2.19.3      | Credit Terms Report                      | adcrrp.p            |
| 2.19.13     | Trailer Code Maintenance                 | sotrlmt.p           |
| 2.19.14     | Trailer Code Browse                      | sobr010.p           |
| 2.20        | Freight Charges Menu ...                 |                     |
| 2.20.1      | Freight List Maintenance                 | sofrlmt.p           |
| 2.20.2      | Freight List Browse                      | sobr002.p           |
| 2.20.4      | Freight Zone Maintenance                 | sofrzmt.p           |
| 2.20.5      | Freight Zone Browse                      | sobr006.p           |
| 2.20.7      | Freight Class Maintenance                | sofrclmt.p          |
| 2.20.8      | Freight Class Browse                     | sobr001.p           |
| 2.20.10     | Freight Charges Maintenance              | sofrcmt.p           |
| 2.20.11     | Freight Charges Browse                   | sobr005.p           |
| 2.20.12     | Freight Charges Report                   | sofrcrp.p           |
| 2.20.13     | Freight Terms Maintenance                | sofrtmt.p           |

| <b>Menu</b> | <b>Menu Label</b>                  | <b>Program Name</b> |
|-------------|------------------------------------|---------------------|
| 2.20.14     | Freight Terms Browse               | sobr003.p           |
| 2.20.24     | Freight Control                    | sofrctmt.p          |
| 2.21        | Customer/Supplier Banks Menu ...   |                     |
| 2.21.1      | Customer/Supplier Bank Maintenance | adcsbkmt.p          |
| 2.21.2      | Customer/Supplier Bank Browse      | adbr002.p           |
| 2.21.3      | Customer/Supplier Bank Report      | adcsbkrp.p          |
| 2.22        | Intrastat Menu ...                 |                     |
| 2.22.1      | Intrastat Setup Menu ...           |                     |
| 2.22.1.1    | Flow Indicator Maintenance         | ieflowmt.p          |
| 2.22.1.2    | Flow Indicator Browse              | gpbr329.p           |
| 2.22.1.4    | Terms of Delivery Maintenance      | ietodmt.p           |
| 2.22.1.5    | Terms of Delivery Browse           | gpbr320.p           |
| 2.22.1.7    | Nature of Transaction Maintenance  | ienotmt.p           |
| 2.22.1.8    | Nature of Transaction Browse       | gpbr331.p           |
| 2.22.1.13   | Mode of Transport Maintenance      | iemotmt.p           |
| 2.22.1.14   | Mode of Transport Browse           | gpbr337.p           |
| 2.22.1.16   | Port Maintenance                   | ieportmt.p          |
| 2.22.1.17   | Port Browse                        | gpbr319.p           |
| 2.22.1.19   | Statistical Procedure Maintenance  | iespmt.p            |
| 2.22.1.20   | Statistical Procedure Browse       | gpbr334.p           |
| 2.22.1.22   | Region Maintenance                 | ieregmt.p           |
| 2.22.1.23   | Region Browse                      | gpbr333.p           |
| 2.22.3      | Commodity Code Maintenance         | iecommt.p           |
| 2.22.4      | Commodity Code Browse              | iebr001.p           |
| 2.22.6      | Item Intrastat Data Maintenance    | ieptmt.p            |
| 2.22.7      | Item Intrastat Data Inquiry        | ieptiq.p            |
| 2.22.11     | Order Intrastat Data Maintenance   | iedmt.p             |
| 2.22.12     | Order Intrastat Data Report        | ieordrp.p           |
| 2.22.13     | Intrastat Maintenance              | iehmt.p             |
| 2.22.14     | Intrastat Inquiry                  | iehiq.p             |
| 2.22.15     | Intrastat Inquiry by Invoice       | iehinviq.p          |
| 2.22.16     | Intrastat Inquiry by Voucher       | iehvoui.p           |
| 2.22.17     | Intrastat Inquiry by Order         | iehordiq.p          |

| <b>Menu</b> | <b>Menu Label</b>             | <b>Program Name</b> |
|-------------|-------------------------------|---------------------|
| 2.22.19     | Intrastat Declaration Print   | iehprt.p            |
| 2.22.20     | Intrastat Declaration Reprint | iehrprt.p           |
| 2.22.23     | Intrastat Delete/Archive      | iehup.p             |
| 2.22.24     | Intrastat Control             | iepm.p              |
| 2.24        | Addresses/Taxes Control       | adpm.p              |

### 3. Inventory Control Menu

| <b>Menu</b> | <b>Menu Label</b>                         | <b>Program Name</b> |
|-------------|---|---------------------|
| 3.1         | Inventory Detail Menu ...                 |                     |
| 3.1.1       | Inventory Detail Maintenance              | icldmt.p            |
| 3.1.2       | Detail Maintenance by Item/Lot            | icitlmt.p           |
| 3.1.13      | Inventory Detail by Lot Inquiry           | icloi03.p           |
| 3.2         | Inventory Detail by Item Browse           | icbr002.p           |
| 3.3         | Inventory Detail by Site Browse           | icbr004.p           |
| 3.4         | Inventory Transfer Menu ...               |                     |
| 3.4.1       | Transfer—Single Item                      | iclotr02.p          |
| 3.4.2       | Transfer—Multi Item                       | iclotr01.p          |
| 3.4.3       | Transfer With Lot/Serial Change           | iclotr03.p          |
| 3.4.4       | Batchload Transfer with Lot/Serial Change | iclotr04.p          |
| 3.6         | Inventory Reports Menu ...                |                     |
| 3.6.1       | Stock Status Report                       | ppptrp01.p          |
| 3.6.2       | Reorder Report                            | ppptrp02.p          |
| 3.6.3       | Item ABC Status Report/Update             | ppptrp04.p          |
| 3.6.5       | Inventory Detail Report                   | ppptrp08.p          |
| 3.6.6       | Inventory Detail by Location              | iclorp.p            |
| 3.6.8       | Current Surplus Inventory Report          | ppptrp21.p          |
| 3.6.9       | Projected Surplus Inventory               | ppptrp22.p          |
| 3.6.13      | Inventory Valuation Report                | ppptrp03.p          |
| 3.6.14      | Inventory Valuation by Location           | ppptrp05.p          |
| 3.6.15      | Inventory Valuation as of Date            | ppptrp06.p          |
| 3.6.16      | Inventory Valuation as of by Location     | ppptrp07.p          |
| 3.6.18      | Stock Journal                             | icstjrrp.p          |
| 3.7         | Issues—Unplanned                          | icunis.p            |

| <b>Menu</b> | <b>Menu Label</b>                 | <b>Program Name</b> |
|-------------|-----------------------------------|---------------------|
| 3.8         | Issues—Return to Supplier         | icrvis.p            |
| 3.9         | Receipts—Unplanned                | icunrc.p            |
| 3.10        | Receipts—Sales Order Return       | icsorc.p            |
| 3.11        | Receipts—Return to Stock          | icrsrc.p            |
| 3.12        | Receipts—Backward Exploded        | icunrc01.p          |
| 3.13        | Cycle Count Worksheet Print       | icccrp.p            |
| 3.14        | Cycle Count Results Entry         | icccaj.p            |
| 3.15        | Cycle Count Results Report        | icccrp01.p          |
| 3.16        | Physical Inventory Menu ...       |                     |
| 3.16.1      | Item Tag Create                   | piptcr.p            |
| 3.16.2      | Bulk Tag Create                   | piptcr.p            |
| 3.16.4      | Inventory Balance Freeze          | piibfrz.p           |
| 3.16.6      | Tag Print                         | pirp01.p            |
| 3.16.7      | Tag Void Status Update            | pivtup.p            |
| 3.16.8      | Tag Inquiry                       | pii.q.p             |
| 3.16.11     | Tag Count Entry                   | pitcmt1.p           |
| 3.16.12     | Tag Recount Entry                 | pitcmt2.p           |
| 3.16.13     | Tag Report                        | pirp03.p            |
| 3.16.14     | Counted Tag Report                | pirp02.p            |
| 3.16.15     | Uncounted Tag Report/Update       | pirp06.p            |
| 3.16.16     | Frozen Inventory Valuation Report | pirp05.p            |
| 3.16.17     | Tag Inventory Valuation Report    | pirp07.p            |
| 3.16.18     | Inventory Variance Report         | pirp04.p            |
| 3.16.21     | Inventory Balance Update          | piibup.p            |
| 3.16.23     | Tag Delete/Archive                | pitdup.p            |
| 3.17        | Stock Availability Browse         | icbr007.p           |
| 3.18        | Allocated Inventory Inquiry       | icptiq02.p          |
| 3.19        | Unallocated Inventory Inquiry     | icptiq03.p          |
| 3.20        | Mirror Accounting Menu ...        |                     |
| 3.20.1      | Mirror Table Maintenance          | icmamt.p            |
| 3.20.2      | Mirror Table Browse               | icbr006.p           |
| 3.20.3      | Mirror Table Report               | icmarp.p            |
| 3.20.5      | Mirror Account Posting Register   | icmapsrp.p          |

| <b>Menu</b> | <b>Menu Label</b>                      | <b>Program Name</b> |
|-------------|--|---------------------|
| 3.21        | Transaction History Menu ...           |                     |
| 3.21.1      | Transactions Detail Inquiry            | ictriq.p            |
| 3.21.2      | Transactions by Item Browse            | icbr011.p           |
| 3.21.12     | Daybook Transaction Accounting Report  | icdyacrp.p          |
| 3.21.13     | Transactions by Order Report           | ictrrp02.p          |
| 3.21.14     | Transactions by Item Report            | ictrrp01.p          |
| 3.21.16     | Transactions Accounting Report         | ictrrp03.p          |
| 3.21.17     | Average Cost Accounting Report         | ictrrp04.p          |
| 3.21.23     | Transactions Delete/Archive            | ictrup.p            |
| 3.22        | Lot/Serial Number Menu ...             |                     |
| 3.22.1      | Lot Transactions by Date Browse        | icbr005.p           |
| 3.22.2      | Lot Transactions by Transaction Browse | icbr012.p           |
| 3.22.3      | Lot Actual Bill Inquiry                | icltiq02.p          |
| 3.22.4      | Lot Where-Used Inquiry                 | icltiq01.p          |
| 3.22.13     | PRO\PLUS WIP Lot Trace Menu ...        |                     |
| 3.22.13.1   | Routing Registration Maintenance       | wlrmt.p             |
| 3.22.13.2   | Routing Registration Inquiry           | wlrmiq.p            |
| 3.22.13.4   | BOM Registration Maintenance           | wlbmt.p             |
| 3.22.13.5   | BOM Registration Inquiry               | wlbmiq.p            |
| 3.22.13.13  | WIP Lot Inventory Status Report        | wlrp01.p            |
| 3.22.13.14  | Item Lot Ship Transaction Report       | wlrp04.p            |
| 3.22.13.15  | WIP Lot Convert Transaction Report     | wlrp06.p            |
| 3.22.13.16  | WIP Lot Non-Convert Transaction Report | wlrp07.p            |
| 3.22.13.17  | WIP Lot Inquiry                        | wliq01.p            |
| 3.22.13.18  | Supplier Lot Transaction Report        | wlrp08.p            |
| 3.22.13.19  | WIP Lot Where-Used Report              | wlrp02.p            |
| 3.22.13.20  | WIP Lot Actual Bill Report             | wlrp03.p            |
| 3.22.13.23  | WIP Lot Delete/Archive                 | wldel.p             |
| 3.22.13.24  | WIP Lot Trace Control                  | wlpm.p              |
| 3.23        | Zero Balance Delete/Archive            | icldup.p            |
| 3.24        | Inventory Control                      | icicpm.p            |

## 5. Purchasing Menu

| Menu     | Menu Label                          | Program Name |
|----------|-------------------------------------|--------------|
| 5.1      | Purchase Requisition Menu ...       |              |
| 5.1.1    | Purchase Approvals Maintenance      | poacmt.p     |
| 5.1.2    | Purchase Approvals Browse           | pobr001.p    |
| 5.1.4    | Purchase Requisition Maintenance    | poprmt.p     |
| 5.1.5    | Purchase Requisition Browse         | pobr007.p    |
| 5.1.6    | Purchase Requisition Report         | poprrp.p     |
| 5.1.8    | Requisition Approval Document Print | poprrp02.p   |
| 5.1.16   | Requisition Approval Maintenance    | poprap.p     |
| 5.1.17   | Approved Requisition Print          | poprrp01.p   |
| 5.2      | Global Requisition Menu ...         |              |
| 5.2.1    | Setup Menu ...                      |              |
| 5.2.1.1  | Approval Level Maintenance          | rqlmt.p      |
| 5.2.1.2  | Approval Level Browse               | rqliq.p      |
| 5.2.1.4  | Category Maintenance                | rqcmt.p      |
| 5.2.1.5  | Category Report                     | rqcrp.p      |
| 5.2.1.7  | Job Maintenance                     | rqjmt.p      |
| 5.2.1.8  | Job Browse                          | rqjiq.p      |
| 5.2.1.13 | Horizontal Approver Maintenance     | rqahmt.p     |
| 5.2.1.14 | Vertical Approver Maintenance       | rqavmt.p     |
| 5.2.1.15 | Job Approver Maintenance            | rqajmt.p     |
| 5.2.1.16 | Product Line Approver Maintenance   | rqaplmt.p    |
| 5.2.1.17 | Approver Report                     | rqarp.p      |
| 5.2.1.20 | Buyer Maintenance                   | qrbmt.p      |
| 5.2.1.24 | Requisition Control                 | rqpm.p       |
| 5.2.3    | Requisition Maintenance             | rqrqmt.p     |
| 5.2.4    | Requisition Inquiry                 | rqrqi1.p     |
| 5.2.5    | Requisition Browse                  | rqrqi5.p     |
| 5.2.6    | Requisition Report                  | rqrqp5.p     |
| 5.2.8    | Requisition History Log             | rqrqp4.p     |
| 5.2.13   | Requisition Approval Maintenance    | rqapmt.p     |
| 5.2.14   | Requisition Routing Maintenance     | rqrtmt.p     |
| 5.2.15   | Approval Status Inquiry             | rqrqi2.p     |

| <b>Menu</b> | <b>Menu Label</b>                 | <b>Program Name</b> |
|-------------|-----------------------------------|---------------------|
| 5.2.16      | Approver's Open Req. Inquiry      | rqrqiq3.p           |
| 5.2.17      | PO and Req. Cross Reference       | rqpoi.q.p           |
| 5.2.18      | Build PO from Requisitions        | rqpobld.p           |
| 5.2.21      | Out of Tolerance Inquiry          | rqrqiq4.p           |
| 5.2.23      | Requisition Delete/Archive        | rqrqup.p            |
| 5.3         | Blanket Purchase Orders Menu ...  |                     |
| 5.3.1       | Blanket Order Maintenance         | poblmt.p            |
| 5.3.2       | Blanket Order Browse              | pobr003.p           |
| 5.3.3       | Blanket Order by Order Report     | poblrp.p            |
| 5.3.5       | Blanket Order Print               | poblrp03.p          |
| 5.3.6       | Blanket Order Release to PO       | poblrel.p           |
| 5.5         | Supplier Schedules Menu ...       |                     |
| 5.5.1       | Supplier Schedules Setup Menu ... |                     |
| 5.5.1.1     | Supplier Calendar Maintenance     | rsscm.t.p           |
| 5.5.1.2     | Supplier Calendar Browse          | rsbr005.p           |
| 5.5.1.13    | Scheduled Order Maintenance       | rspomt.p            |
| 5.5.1.14    | Scheduled Order Inquiry           | rspoiq.p            |
| 5.5.1.15    | Scheduled Order Report            | rsporp.p            |
| 5.5.1.17    | Scheduled Order MRP % Maintenance | rspoamt.p           |
| 5.5.1.18    | Scheduled Order MRP % Browse      | rsbr004.p           |
| 5.5.3       | Schedule Processing Menu ...      |                     |
| 5.5.3.1     | Schedule Update from MRP          | rssup.p             |
| 5.5.3.3     | Schedule Maintenance              | rssmt.p             |
| 5.5.3.4     | Schedule Inquiry                  | rsiq01.p            |
| 5.5.3.5     | Schedule History Inquiry          | rsiq02.p            |
| 5.5.3.8     | Schedule Print                    | rsrp05.p            |
| 5.5.3.9     | Schedule Print in Fax Format      | rsrp09.p            |
| 5.5.3.13    | Schedule Report                   | rsrp01.p            |
| 5.5.3.15    | Schedule Comparative              | rsrp02.p            |
| 5.5.3.17    | Schedule Authorization Report     | rsrp03.p            |
| 5.5.3.23    | Schedule Delete/Archive           | rsdel.p             |
| 5.5.5       | Receipts Processing Menu ...      |                     |
| 5.5.5.1     | Schedule Summary Report           | rsrp07.p            |



| <b>Menu</b> | <b>Menu Label</b>                      | <b>Program Name</b> |
|-------------|--|---------------------|
| 5.5.5.4     | PO Container Maintenance               | rsctmt.p            |
| 5.5.5.5     | PO Shipper Maintenance                 | rsshmt.p            |
| 5.5.5.6     | PO Shipper/Container Inquiry           | rsiq03.p            |
| 5.5.5.11    | PO Shipper Receipt                     | rsporc.p            |
| 5.5.5.13    | Cumulative Received Maintenance        | rscadj.p            |
| 5.5.5.14    | Cum Received Reset to Zero             | rscup.p             |
| 5.5.5.15    | Receipt History Report                 | rsrp08.p            |
| 5.5.5.23    | PO Shipper Delete/Archive              | rsscdel.p           |
| 5.5.7       | PRO/PLUS Supplier Schedules ...        |                     |
| 5.5.7.1     | Ship Delivery Time Maintenance         | rssdtmt.p           |
| 5.5.7.2     | Ship Delivery Time Inquiry             | rssdtiq.p           |
| 5.5.7.4     | Supplier Controls Maintenance          | adssmt.p            |
| 5.5.7.6     | Supplier Planning Schedule Maintenance | rspsmt.p            |
| 5.5.7.7     | Supplier Shipping Schedule Maintenance | rsssmt.p            |
| 5.5.7.13    | Ship Schedule Variance Compare         | rsrp10.p            |
| 5.5.7.14    | Ship to Plan Schedule Compare          | rsrp11.p            |
| 5.5.7.24    | Supplier Schedule Control              | rspm.p              |
| 5.7         | Purchase Order Maintenance             | popomt.p            |
| 5.8         | Purchase Order Browse                  | pobr006.p           |
| 5.9         | Purchase Order Reports Menu ...        |                     |
| 5.9.1       | Purchase Orders by Order Report        | poporp.p            |
| 5.9.2       | Purchase Orders by Supplier Report     | poporp01.p          |
| 5.9.3       | Purchase Orders by Item Report         | poporp02.p          |
| 5.9.4       | Purchase Order Commitment Report       | poporp05.p          |
| 5.9.6       | Purchase Order Supply Schedule         | poporp08.p          |
| 5.9.13      | Receipt Transactions Browse            | pobr004.p           |
| 5.9.14      | Receipt Transactions Report            | poporp04.p          |
| 5.9.18      | Supplier Performance Report            | poporp07.p          |
| 5.9.20      | PO Change History Browse               | pobr008.p           |
| 5.9.21      | PO Change History Report               | poporp09.p          |
| 5.9.22      | PO Change History by Item              | poporp10.p          |
| 5.10        | Purchase Order Print                   | poporp03.p          |
| 5.13        | Purchasing Receipts/Returns Menu ...   |                     |

| <b>Menu</b> | <b>Menu Label</b>                     | <b>Program Name</b> |
|-------------|---------------------------------------|---------------------|
| 5.13.1      | Purchase Order Receipts               | poporc.p            |
| 5.13.2      | Purchase Receipt Document Print       | porcrp.p            |
| 5.13.3      | PO Receipt Cost Browse                | pobr005.p           |
| 5.13.4      | PO Receipt Packing Slip Inquiry       | popoiq03.p          |
| 5.13.5      | Purchase Receipt Report               | poporp06.p          |
| 5.13.7      | Purchase Order Returns                | porvis.p            |
| 5.13.8      | Purchase Return Document Print        | porvrp.p            |
| 5.13.13     | PO Container Maintenance              | rsctmt.p            |
| 5.13.10     | Unvouchered Receipts as of Date       | poporp11.p          |
| 5.13.14     | PO Shipper Maintenance                | rsshmt.p            |
| 5.13.15     | PO Shipper/Container Inquiry          | rsiq03.p            |
| 5.13.16     | PO Fiscal Receiving                   | posmrc.p            |
| 5.13.17     | PO Fiscal Receipt Inquiry             | posmrciq.p          |
| 5.13.20     | PO Shipper Receipt                    | rsporc.p            |
| 5.13.23     | PO Shipper Delete/Archive             | rsscdel.p           |
| 5.15        | PRO/PLUS Supplier Performance ...     |                     |
| 5.15.1      | Performance Category Maintenance      | povecmt.p           |
| 5.15.2      | Performance Category Inquiry          | poveciq.p           |
| 5.15.3      | Supplier/Category Maintenance         | povescmt.p          |
| 5.15.4      | Supplier/Category Inquiry             | povesciq.p          |
| 5.15.5      | Performance Event Maintenance         | poveemt.p           |
| 5.15.6      | Performance Event Inquiry             | poveeiq.p           |
| 5.15.7      | Performance Weight Factor Maintenance | povewmt.p           |
| 5.15.8      | Performance Weight Factor Inquiry     | povewiq.p           |
| 5.15.10     | Registration Maintenance              | povesimt.p          |
| 5.15.11     | Registration Report                   | povesirp.p          |
| 5.15.13     | Performance Data Maintenance          | povepmt.p           |
| 5.15.14     | Performance Data Report               | povedrp.p           |
| 5.15.15     | Performance Report Card               | povedrp2.p          |
| 5.15.17     | Missed Shipment Event Generator       | povemsrq.p          |
| 5.15.19     | Summary Data Extract                  | povesmex.p          |
| 5.15.20     | Summary Data Report                   | povesmrp.p          |
| 5.15.22     | System Category/Event Maintenance     | povecmt.p           |

| Menu      | Menu Label                           | Program Name |
|-----------|--------------------------------------|--------------|
| 5.15.23   | Delete/Archive Menu ...              |              |
| 5.15.23.1 | Performance Data Delete/Archive      | poveup.p     |
| 5.15.23.2 | Summary Data Delete/Archive          | povesup.p    |
| 5.15.23.3 | Supplier Cross-Reference Maintenance | povexmt.p    |
| 5.15.23.4 | Supplier Cross-Reference Report      | povexrp.p    |
| 5.15.24   | Supplier Performance Control         | povepm.p     |
| 5.18      | Supplier Consignment Inventory...    |              |
| 5.18.1    | Supplier/Item Controls Maintenance   | pocnvdm.p    |
| 5.18.2    | Supplier/Item Controls Browse        | pobr014.p    |
| 5.18.7    | Consignment Inventory By Order       | pocnrp01.p   |
| 5.18.8    | Consignment Usage Report             | pocnrp02.p   |
| 5.18.9    | Consignment Usage Summary Report     | pocnrp03.p   |
| 5.18.10   | Consignment Usage Export Report      | pocnrp04.p   |
| 5.18.13   | Aging Inventory Update               | pocnaimt.p   |
| 5.18.14   | Aging Inventory Batch Update         | pocnaiup.p   |
| 5.18.15   | Aging Inventory Report by Order      | pocnairp.p   |
| 5.18.16   | Aging Inventory Report by Part       | pocnair1.p   |
| 5.18.21   | Consignment Inventory Adjustment     | pocnadj.p    |
| 5.18.24   | Supplier Consignment Control         | pocnspm.p    |
| 5.19      | Purchase Order Cost Update           | poprup.p     |
| 5.22      | Closed PO Receipt Delete/Archive     | porcup.p     |
| 5.23      | Closed PO Delete/Archive             | popoup.p     |
| 5.24      | Purchasing Control                   | popopm.p     |

## 7. Sales Orders/Invoices Menu

| Menu  | Menu Label                | Program Name |
|-------|---------------------------|--------------|
| 7     | Sales Orders/Invoices ... |              |
| 7.1   | Sales Order Menu ...      |              |
| 7.1.1 | Sales Order Maintenance   | sosomt.p     |
| 7.1.2 | Sales Order Browse        | sobr009.p    |
| 7.1.3 | Sales Order Print         | sosorp05.p   |
| 7.1.5 | Sales Order Confirmation  | sosoco.p     |

| <b>Menu</b> | <b>Menu Label</b>                     | <b>Program Name</b> |
|-------------|---------------------------------------|---------------------|
| 7.1.6       | Sales Order Manual Allocations        | sosoa1.p            |
| 7.1.7       | Sales Order Auto Allocations          | sosoa101.p          |
| 7.1.8       | Available Kit Quantity to Ship        | sosoktrp.p          |
| 7.1.11      | Sales Order Repricing                 | sorepr.p            |
| 7.1.12      | Sales Order Cost Revaluation          | sosorv.p            |
| 7.1.13      | Sales Order Credit Maintenance        | soasmt.p            |
| 7.1.14      | Sales Order Credit Inquiry            | socriq.p            |
| 7.1.15      | Sales Order Credit Report             | socrrp.p            |
| 7.1.16      | Sales Order Auto Credit Hold          | sochup.p            |
| 7.1.17      | Sales Order Auto Credit Approval      | socaup.p            |
| 7.1.19      | ATP Enforcement Menu...               |                     |
| 7.1.19.1    | ATP Enforcement Level Utility         | utatp.p             |
| 7.1.19.2    | ATP Enforcement Check                 | soatpiq.p           |
| 7.1.19.3    | ATP Enforcement Exception Report      | soatprp.p           |
| 7.1.22      | EMT Mass Supplier Change              | sobtbcv.p           |
| 7.1.24      | Sales Order Control                   | sosopm.p            |
| 7.3         | Customer Schedules Setup Menu ...     |                     |
| 7.3.1       | Customer Calendar Maintenance         | rcccm1.p            |
| 7.3.2       | Customer Calendar Browse              | rcbr001.p           |
| 7.3.3       | Customer Order Period Maintenance     | rccpcmt.p           |
| 7.3.4       | Customer Order Period Browse          | rcbr004.p           |
| 7.3.6       | Dock Maintenance                      | addkmt.p            |
| 7.3.7       | Dock Browse                           | adbr005.p           |
| 7.3.8       | Dock Report                           | addkrp.p            |
| 7.3.10      | Site Ship-from ID Maintenance         | rcsfidmt.p          |
| 7.3.11      | Shipping Label Definition Maintenance | rcslmt.p            |
| 7.3.13      | Scheduled Order Maintenance           | rcsomt.p            |
| 7.3.14      | Scheduled Order Inquiry               | rcsoiq.p            |
| 7.3.15      | Scheduled Order Report                | rcsorp.p            |
| 7.3.24      | Customer Schedules Control            | rcpm.p              |
| 7.5         | Schedule Processing Menu ...          |                     |
| 7.5.1       | Customer Plan Schedule Maintenance    | rcpsmt.p            |
| 7.5.2       | Customer Ship Schedule Maintenance    | rcssmt.p            |

| <b>Menu</b> | <b>Menu Label</b>                       | <b>Program Name</b> |
|-------------|---|---------------------|
| 7.5.3       | Required Ship Schedule Maintenance      | rcrsmt.p            |
| 7.5.4       | PRO/PLUS Sequence Schedules ...         |                     |
| 7.5.4.1     | Customer Controls Maintenance           | adccmt.p            |
| 7.5.4.2     | Customer Controls Inquiry               | adcciq.p            |
| 7.5.4.5     | Sequence Schedule Maintenance           | rcsqscmt.p          |
| 7.5.4.6     | Sequence Schedule Inquiry               | rcsqsciq.p          |
| 7.5.4.7     | Sequence Schedule Report                | rcrp05.p            |
| 7.5.4.10    | Sequence Pre-Shipper–Automatic          | sosqsl.p            |
| 7.5.4.11    | Sequence Shipper Report                 | rcsqrp03.p          |
| 7.5.4.13    | Sequence Cross-Ref Maintenance          | rcsqsxmt.p          |
| 7.5.4.14    | Sequence Cross-Ref Report               | rcsqsxrp.p          |
| 7.5.4.16    | Sequence Schedule Variance Report       | rcsqrp01.p          |
| 7.5.4.17    | Plan/Ship Sequence Variance Report      | rcsqrp02.p          |
| 7.5.4.22    | Sequence Schedule Detail Delete         | rcsqscdl.p          |
| 7.5.4.24    | Sequence Schedule Control               | rcsqpm.p            |
| 7.5.5       | Required Ship Schedule Update           | rcrsup.p            |
| 7.5.6       | Selective Required Ship Schedule Update | rcrssup.p           |
| 7.5.8       | Schedule Inquiry                        | rciq01.p            |
| 7.5.9       | Schedule History Inquiry                | rciq02.p            |
| 7.5.10      | Schedule Report                         | rcrp01.p            |
| 7.5.11      | Schedule Comparative                    | rcrp02.p            |
| 7.5.12      | Schedule Authorization Report           | rcrp03.p            |
| 7.5.13      | Req Ship Schedule Summary Report        | rcrp07.p            |
| 7.5.14      | Req Ship Schedule Detail Report         | rcrp09.p            |
| 7.5.16      | Cumulative Shipped Maintenance          | rccadj.p            |
| 7.5.18      | Cum Shipped Reset                       | rccup01.p           |
| 7.5.20      | Shipment History Report                 | rcrp08.p            |
| 7.5.21      | Ship Schedule Variance Report           | rcrp15.p            |
| 7.5.22      | Ship to Plan Variance Report            | rcrp16.p            |
| 7.5.23      | Schedule Delete/Archive                 | rcdel.p             |
| 7.7         | Containerization Menu ...               |                     |
| 7.7.1       | Container Workbench                     | rcctwb.p            |
| 7.7.2       | Container Inquiry                       | rciq03d.p           |

| <b>Menu</b> | <b>Menu Label</b>                      | <b>Program Name</b> |
|-------------|--|---------------------|
| 7.7.3       | Container by Item Inquiry              | rcctiq.p            |
| 7.7.5       | SO Container Maintenance               | rcctmt.p            |
| 7.7.7       | Shipping Label Print                   | rcrp10.p            |
| 7.7.23      | Container Delete/Archive               | rcctdel.p           |
| 7.9         | Shipment Processing Menu ...           |                     |
| 7.9.1       | Picklist/Pre-Shipper—Automatic         | sososl.p            |
| 7.9.2       | Pre-Shipper/Shipper Workbench          | rcshwb.p            |
| 7.9.3       | Pre-Shipper/Shipper Inquiry            | rciq03.p            |
| 7.9.4       | Pre-Shipper/Shipper Print              | rcrp13.p            |
| 7.9.5       | Pre-Shipper/Shipper Confirm            | rcsois.p            |
| 7.9.6       | Pre-Shipper/Shipper Report             | rcshrp01.p          |
| 7.9.7       | Pre-Shipper/Shipper Auto Confirm       | rcauis.p            |
| 7.9.8       | Sales Order Shipper Maintenance        | rcshmt.p            |
| 7.9.9       | Sales Order Shipper Print              | rcrp11.p            |
| 7.9.10      | Manual SO Shipper Verification         | rcvrfsh.p           |
| 7.9.12      | Bills of Lading Menu ...               |                     |
| 7.9.12.1    | Bill of Lading Print                   | rcrp12.p            |
| 7.9.12.2    | Master Bill of Lading Maintenance      | rcmbmt.p            |
| 7.9.12.3    | Master Bill of Lading Inquiry          | rcmbiq.p            |
| 7.9.12.4    | Master Bill of Lading Print            | rcmbrp.p            |
| 7.9.12.23   | Master Bill Delete/Archive             | icmbdel.p           |
| 7.9.13      | Sales Order Packing List               | sosopk.p            |
| 7.9.14      | Sales Order Shipping Label Print       | sosorp14.p          |
| 7.9.15      | Sales Order Shipments                  | sosois.p            |
| 7.9.17      | PRO/PLUS Shipment Performance...       |                     |
| 7.9.17.1    | Performance Controls Maintenance       | sospcmt.p           |
| 7.9.17.3    | Time-Based Status Code Maintenance     | sosttmt.p           |
| 7.9.17.4    | Time-Based Status Code Browse          | sobr028.p           |
| 7.9.17.6    | Quantity-Based Status Code Maintenance | sostqmt.p           |
| 7.9.17.7    | Quantity-Based Status Code Browse      | sobr029.p           |
| 7.9.17.9    | Shipment Reason Code Entry             | sorsnent.p          |
| 7.9.17.10   | Missing Reason Code Report             | soshprp6.p          |
| 7.9.17.13   | Shipment Performance Data Maintenance  | soshpmt.p           |

| <b>Menu</b> | <b>Menu Label</b>               | <b>Program Name</b> |
|-------------|---------------------------------|---------------------|
| 7.9.17.15   | Shipment Performance Report     | soshprp.p           |
| 7.9.17.17   | Reason Code Analysis Report     | soshprp1.p          |
| 7.9.17.18   | Item Analysis Report            | soshprp2.p          |
| 7.9.17.19   | Customer Analysis Report        | soshprp3.p          |
| 7.9.17.22   | Performance Data Extract        | soshpex.p           |
| 7.9.17.23   | Performance Data Delete/Archive | soshpup.p           |
| 7.9.17.24   | Shipment Performance Control    | soshppm.p           |
| 7.9.18      | Backlog/Missed Shipment Report  | soshprp5.p          |
| 7.9.19      | Fill Rate Report                | soshprp4.p          |
| 7.9.20      | Undo Shipper Number Assignment  | rclsrp.p            |
| 7.9.21      | Shipper Unconfirm               | rcunis.p            |
| 7.9.22      | Shipper Gateway                 | rcshgw.p            |
| 7.9.23      | Shipper Delete/Archive          | rcscdel.p           |
| 7.9.24      | Container/Shipper Control       | rcpm.p              |
| 7.12        | Sales Quotation Menu ...        |                     |
| 7.12.1      | Sales Quote Maintenance         | sqqomt.p            |
| 7.12.2      | Sales Quote Browse              | sqbr001.p           |
| 7.12.3      | Sales Quote Print               | sqqorp05.p          |
| 7.12.5      | Sales Quote Copy from Order     | sqqocpy.p           |
| 7.12.6      | Sales Quote Copy from Quote     | sqqoqo.p            |
| 7.12.8      | Sales Quote Repricing           | sqrepr.p            |
| 7.12.10     | Sales Quote Release to Order    | sqqoso.p            |
| 7.12.13     | Sales Quote by Quote Report     | sqqorp.p            |
| 7.12.14     | Sales Quote by Customer Report  | sqqorp01.p          |
| 7.12.15     | Sales Quote by Item Report      | sqqorp02.p          |
| 7.12.16     | Sales Quote Gross Margin Report | sqqorp08.p          |
| 7.12.17     | Sales Quote Reason Lost Report  | sqqorp03.p          |
| 7.12.23     | Expired Quote Delete/Archive    | sqqoup.p            |
| 7.12.24     | Sales Quote Control             | sqqopm.p            |
| 7.13        | Invoice Menu ...                |                     |
| 7.13.1      | Pending Invoice Maintenance     | soivmt.p            |
| 7.13.2      | Pending Invoice Register        | soivrp.p            |
| 7.13.3      | Invoice Print                   | sosorp10.p          |

| <b>Menu</b> | <b>Menu Label</b>                       | <b>Program Name</b> |
|-------------|---|---------------------|
| 7.13.4      | Invoice Post                            | soivpst.p           |
| 7.13.7      | Invoice History Browse                  | sobr007.p           |
| 7.13.8      | Invoice History Report                  | soivrp09.p          |
| 7.13.9      | Invoice Bill of Material Inquiry        | soivbiq.p           |
| 7.13.10     | Sales Order Tracking Inquiry            | soiviq01.p          |
| 7.13.12     | Closed Invoice Reprint                  | soivrp10.p          |
| 7.13.13     | Retrobilling Menu ...                   |                     |
| 7.13.13.1   | Retrobill Maintenance                   | rcrbmt.p            |
| 7.13.13.2   | Retrobill Inquiry                       | rcrbiq.p            |
| 7.13.13.3   | Retrobill Report                        | rcrbp01.p           |
| 7.13.13.4   | Retrobill History Report                | rcrbp02.p           |
| 7.13.23     | Invoice History Delete/Archive          | soivup.p            |
| 7.15        | Sales Order Reports Menu ...            |                     |
| 7.15.1      | Sales Orders by Order Report            | sosorp.p            |
| 7.15.2      | Sales Orders by Customer Report         | sosorp01.p          |
| 7.15.3      | Sales Orders by Item Report             | sosorp02.p          |
| 7.15.5      | Sales Order Gross Margin Report         | sosorp08.p          |
| 7.15.7      | Sales Order Pricing Report              | sopirp01.p          |
| 7.15.9      | Unconfirmed Sales Order Report          | sosorp16.p          |
| 7.15.11     | EMT Tracking Report                     | sobtbrp.p           |
| 7.15.13     | Booking Transaction Browse              | sobr011.p           |
| 7.15.14     | Booking Transaction Report              | sosorp03.p          |
| 7.15.15     | Booking Transaction Summary by Item     | sosorp15.p          |
| 7.15.17     | Shipment Transaction Browse             | sobr012.p           |
| 7.15.18     | Shipment Transaction Report             | sosorp04.p          |
| 7.15.19     | Shipment Transaction by Customer Report | sosorp09.p          |
| 7.15.21     | Transaction Summary by Item Report      | sosorp11.p          |
| 7.15.22     | Transaction Summary by Customer Report  | sosorp12.p          |
| 7.15.23     | Transaction Summary by Customer by Item | sosorp13.p          |
| 7.17        | Sales Analysis Menu ...                 |                     |
| 7.17.1      | Salesperson Quota Maintenance           | sasphmt.p           |
| 7.17.2      | Salesperson Quota Inquiry               | sasphiq.p           |
| 7.17.3      | Salesperson Margin Inquiry              | sasphiq1.p          |



| <b>Menu</b> | <b>Menu Label</b>                      | <b>Program Name</b> |
|-------------|--|---------------------|
| 7.17.5      | Sales by Salesperson Browse            | sabr003.p           |
| 7.17.6      | Salesperson Ranking Report             | sasarp04.p          |
| 7.17.10     | Sales by Site Report                   | sasarp06.p          |
| 7.17.13     | Sales by Customer Browse               | sabr001.p           |
| 7.17.14     | Sales by Customer Report               | sasarp03.p          |
| 7.17.15     | Customer Ranking Report                | sasarp01.p          |
| 7.17.17     | Sales by Item Browse                   | sabr002.p           |
| 7.17.18     | Sales by Item Report                   | sasarp05.p          |
| 7.17.19     | Item Ranking Report                    | sasarp02.p          |
| 7.17.22     | Fiscal Year Change                     | safyrpg.p           |
| 7.17.23     | Sales Analysis Delete/Archive          | sasaup.p            |
| 7.18        | Customer Consignment Inventory Menu... |                     |
| 7.18.1      | Ship-To/Item Controls Maintenance      | socnstmt.p          |
| 7.18.2      | Ship-To/Item Controls Report           | socnstrp.p          |
| 7.18.4      | Consignment Reports Menu ...           |                     |
| 7.18.4.1    | Consignment Inventory Report           | ppptrp10.p          |
| 7.18.4.2    | Consignment Inventory by Location      | iclorp02.p          |
| 7.18.4.3    | Consignment Inventory by Order         | socnrp01.p          |
| 7.18.4.4    | Consignment by Order with Sequence     | socnrp06.p          |
| 7.18.4.7    | Aging Inventory Report by Order        | socnairp.p          |
| 7.18.4.8    | Aging Inventory Report by Part         | socnair1.p          |
| 7.18.4.9    | Aging Inventory by Order with Sequence | socnrp07.p          |
| 7.18.4.13   | Inventory Usage Report                 | socnrp04.p          |
| 7.18.4.14   | Authorization Usage Report             | socnrp09.p          |
| 7.18.4.15   | Sequenced Usage Report                 | socnrp08.p          |
| 7.18.4.16   | Usage Report by Order                  | socnrp02.p          |
| 7.18.4.17   | Usage Report by Order with Sequence    | socnrp10.p          |
| 7.18.7      | Consignment Inventory Transfer         | socnxfer.p          |
| 7.18.10     | Aging Inventory Update                 | socnaimt.p          |
| 7.18.11     | Aging Inventory Batch Update           | socnaiup.p          |
| 7.18.13     | Inventory Usage Create                 | socnuac.p           |
| 7.18.14     | Authorization Usage Create             | socnuac3.p          |
| 7.18.15     | Sequenced Usage Create                 | socnuac5.p          |

| <b>Menu</b> | <b>Menu Label</b>                          | <b>Program Name</b> |
|-------------|--|---------------------|
| 7.18.16     | Usage Inquiry                              | socnuiq.p           |
| 7.18.17     | Authorization Usage Inquiry                | socnuaiq2.p         |
| 7.18.18     | Sequenced Usage Inquiry                    | socnusi.q.p         |
| 7.18.21     | Consignment Inventory Adjustment           | socnadj.p           |
| 7.18.22     | Usage Create Undo                          | socnundo.p          |
| 7.18.24     | Customer Consignment Control               | socncpm.p           |
| 7.20        | Advanced Pricing Management Menu ...       |                     |
| 7.21        | Storefront Integration Menu ...            |                     |
| 7.21.1      | External Address X-Ref Browse              | adbr024.p           |
| 7.21.2      | Credit Card Transaction Browse             | sobr018.p           |
| 7.21.24     | Storefront Control                         | ncpm.p              |
| 7.22        | PRO/PLUS Container and Line Charge Menu... |                     |
| 7.22.1      | Charge Type Maintenance                    | cctmt.p             |
| 7.22.2      | Charge Type Inquiry                        | cctiq.p             |
| 7.22.5      | Ship-To/Container Charge Maintenance       | ccscmt.p            |
| 7.22.6      | Ship-To/Container Charge Inquiry           | ccsciq.p            |
| 7.22.7      | Ship-To/Container Charge Report            | ccscpr.p            |
| 7.22.10     | Container Item Maintenance                 | ccpmt.p             |
| 7.22.11     | Container Inquiry                          | ccpiq.p             |
| 7.22.12     | Container Data Report                      | ccprp.p             |
| 7.22.13     | Order Line Charge Maintenance              | rcslcmt.p           |
| 7.22.15     | Ship-To Control Maintenance                | cclspm.p            |
| 7.22.16     | Ship-To Control Inquiry                    | cclsiq.p            |
| 7.22.17     | Ship-To Control Report                     | cclspr.p            |
| 7.22.19     | Container Usage Report                     | ccurp.p             |
| 7.22.24     | Container/Line Charge Control              | cclpm.p             |
| 7.23        | Service/Repair Order Menu ...              |                     |
| 7.23.1      | S/RO Maintenance                           | srsromt.p           |
| 7.23.2      | S/RO Print                                 | srsrorp.p           |
| 7.23.13     | S/RO by Status Browse                      | srbr001.p           |
| 7.23.14     | S/RO by Failure Browse                     | srbr002.p           |
| 7.23.15     | S/RO by Assigned to Browse                 | srbr003.p           |
| 7.23.16     | S/RO by Date Browse                        | srbr004.p           |

| Menu    | Menu Label                 | Program Name |
|---------|----------------------------|--------------|
| 7.23.17 | S/RO by Item Browse        | srbr005.p    |
| 7.23.18 | S/RO by Type Browse        | srbr006.p    |
| 7.23.19 | S/RO by Disposition Browse | srbr007.p    |
| 7.23.20 | S/RO by Customer Browse    | srbr008.p    |
| 7.23.23 | S/RO Delete/Archive        | srsroup.p    |
| 7.23.24 | S/RO Control               | srsropm.p    |

## 8. Configured Products Menu

| Menu    | Menu Label                        | Program Name |
|---------|-----------------------------------|--------------|
| 8.1     | Configured Structure Maintenance  | fopsmt01.p   |
| 8.2     | Configured Structure Inquiry      | fopsiq02.p   |
| 8.3     | Configured Structure Report       | fopsrp.p     |
| 8.5     | Sales Order Bill Browse           | fobr001.p    |
| 8.6     | Sales Order Bill Report           | fosobrp.p    |
| 8.8     | Sales Quote Bill Browse           | fobr002.p    |
| 8.9     | Sales Quote Bill Report           | fosqbrp.p    |
| 8.13    | Sales Order Release to Work Order | fosorel.p    |
| 8.14    | Advanced Configurator Menu ...    |              |
| 8.14.1  | Configured Item Maintenance       | cfptmt.p     |
| 8.14.2  | Configured Item-Site Maintenance  | cfpsmt.p     |
| 8.14.24 | Configurator Control              | cfpm.p       |
| 8.24    | Configured Products Control       | fopm.p       |

## 10. Project Realization Menu

| Menu   | Menu Label                  | Program Name |
|--------|-----------------------------|--------------|
| 10.1   | Project Definition Menu ... |              |
| 10.1.1 | Project Maintenance         | pjpmjmt.p    |
| 10.1.2 | Project Inquiry             | pjpijq.p     |
| 10.1.3 | Project Detail Inquiry      | pjpijq01.p   |
| 10.1.4 | Project Print               | pjpirp14.p   |
| 10.3   | Project Budget Menu ...     |              |

| <b>Menu</b> | <b>Menu Label</b>                 | <b>Program Name</b> |
|-------------|-----------------------------------|---------------------|
| 10.3.1      | Project Budget Rollup             | pjbgrol.p           |
| 10.3.3      | Project Budget Maintenance        | pjbgmt.p            |
| 10.3.13     | Project Budget Report             | pjbgrrp.p           |
| 10.5        | Project Activity Order Menu ...   |                     |
| 10.5.1      | PAO Maintenance                   | pjclmt.p            |
| 10.5.2      | PAO Inquiry                       | pjcliq02.p          |
| 10.5.4      | PAO Planned Detail Inquiry        | pjcliq03.p          |
| 10.5.5      | PAO Print                         | pjclrp01.p          |
| 10.5.13     | Project Activity Recording        | pjcarmt.p           |
| 10.5.14     | Project Labor Recording           | pjlbrmt.p           |
| 10.5.16     | PAO Close                         | pjclcls.p           |
| 10.5.21     | PAO Setup Menu ...                |                     |
| 10.5.21.1   | PAO Status Code Maintenance       | pjcasmt.p           |
| 10.5.21.2   | PAO Status Code Browse            | pjbr015.p           |
| 10.5.21.4   | PAO Default Maintenance           | pjcdfmt.p           |
| 10.5.21.5   | PAO Default Browse                | pjbr029.p           |
| 10.5.24     | PAO Control                       | pjclpm.p            |
| 10.7        | Material Order Menu ...           |                     |
| 10.7.1      | Material Order Maintenance        | fseomt.p            |
| 10.7.2      | Material Order Confirmation       | fseoco.p            |
| 10.7.4      | MO Manual Allocations             | fseoal.p            |
| 10.7.5      | MO Automatic Allocations          | fseoa1.p            |
| 10.7.6      | Material Order Shipments          | fseops.p            |
| 10.7.8      | MO Direct/Pending Returns         | fseore.p            |
| 10.7.9      | MO Pending Return Report          | fspenrp.p           |
| 10.7.11     | Open Material Order Report        | fseorp1.p           |
| 10.7.12     | Material Order Backlog Report     | fseodl.p            |
| 10.7.13     | Material Order Shipment Report    | fseorp2.p           |
| 10.7.24     | Material Order Control            | fseopm.p            |
| 10.9        | Project Invoice Schedule Menu ... |                     |
| 10.9.1      | Invoice Schedule Maintenance      | pjismt.p            |
| 10.9.2      | Invoice Schedule Inquiry          | pjisiq.p            |
| 10.9.4      | Project Invoice Layout            | pjilmt.p            |

| <b>Menu</b> | <b>Menu Label</b>                  | <b>Program Name</b> |
|-------------|------------------------------------|---------------------|
| 10.9.13     | Invoice Generation                 | pjivgen.p           |
| 10.9.24     | Invoice Schedule Control           | pjivpm.p            |
| 10.11       | Project Reports Menu ...           |                     |
| 10.11.1     | Project Report                     | pjijrp01.p          |
| 10.11.7     | Project Transactions Inquiry       | pjshiq.p            |
| 10.11.8     | Project Transactions Report        | pjshrp.p            |
| 10.11.14    | Project-PAO WIP Report             | pjijrp10.p          |
| 10.11.15    | PAO WIP Status Report              | pjijrp11.p          |
| 10.11.16    | Project WIP Report                 | pjijrp20.p          |
| 10.11.19    | Project Invoice Detail Report      | pjijrp12.p          |
| 10.13       | End User Address Menu ...          |                     |
| 10.13.1     | End User Address Maintenance       | adeumt.p            |
| 10.13.2     | End User Address Browse            | adbr007.p           |
| 10.13.3     | End User Address Report            | adeurp.p            |
| 10.13.24    | End User Control                   | fseucpm.p           |
| 10.15       | Engineer Menu ...                  |                     |
| 10.15.1     | Engineer Maintenance               | fsegmt.p            |
| 10.15.4     | Engineer Status Maintenance        | fsessmt.p           |
| 10.15.5     | Engineer Skills Maintenance        | fsegsmt.p           |
| 10.17       | Area Menu ...                      |                     |
| 10.17.1     | Area Maintenance                   | fsregmt.p           |
| 10.17.2     | Area Browse                        | gpbr346.p           |
| 10.17.5     | Area Structure Maintenance         | fssvar.p            |
| 10.17.6     | Area Structure Inquiry             | fssvariq.p          |
| 10.19       | Project Pricing Menu ...           |                     |
| 10.19.1     | Project Pricing Maintenance        | pjifpcmt.p          |
| 10.19.2     | Project Pricing Inquiry            | pjifpciq.p          |
| 10.19.3     | Project Pricing Report             | pjifpcrp.p          |
| 10.21       | Project Realization Setup Menu ... |                     |
| 10.21.1     | Work Code Maintenance              | fsfwkmt.p           |
| 10.21.2     | Work Code Inquiry                  | fsfwkiq.p           |
| 10.21.3     | Work Code Report                   | fsfwkrp.p           |
| 10.21.5     | Invoice Sort Maintenance           | fsfismt.p           |

| <b>Menu</b> | <b>Menu Label</b>             | <b>Program Name</b> |
|-------------|-------------------------------|---------------------|
| 10.21.6     | Invoice Sort Inquiry          | fsfisiq.p           |
| 10.21.7     | Invoice Sort Report           | fsfisrp.p           |
| 10.21.9     | Service Category Maintenance  | fsfscmt.p           |
| 10.21.10    | Service Category Inquiry      | fsfsciq.p           |
| 10.21.11    | Service Category Report       | fsfscrp.p           |
| 10.21.13    | Default PRM Site Maintenance  | pjrdfmt.p           |
| 10.21.14    | Default PRM Site Browse       | pjbr030.p           |
| 10.21.15    | Default PRM Site Report       | pjrdfrp.p           |
| 10.21.17    | Return Status Maintenance     | fsfpstmt.p          |
| 10.21.18    | Return Status Inquiry         | fsfpstiq.p          |
| 10.21.19    | Return Status Report          | fsfpstrp.p          |
| 10.21.21    | Project Type Maintenance      | pjsvmt.p            |
| 10.21.22    | Project Type Browse           | pjbr031.p           |
| 10.21.23    | Project Type Report           | pjsvrp.p            |
| 10.23       | Project Close Menu ...        |                     |
| 10.23.1     | Project Line Close Report     | pjclrp.p            |
| 10.23.2     | Project Activity Close        | pjpjcl.p            |
| 10.23.3     | Project Accounting Close      | pjclswip.p          |
| 10.23.23    | Closed Project Delete/Archive | pjjjup.p            |
| 10.24       | Project Realization Control   | pjjjpm.p            |

## 11. Service/Support Menu

| <b>Menu</b> | <b>Menu Label</b>         | <b>Program Name</b> |
|-------------|---------------------------|---------------------|
| 11.1        | Call Management Menu ...  |                     |
| 11.1.1      | Call Activities Menu ...  |                     |
| 11.1.1.1    | Call Maintenance          | fscamt.p            |
| 11.1.1.2    | Call Inquiry              | fscaiq02.p          |
| 11.1.1.3    | Call Detail Inquiry       | fscaiq.p            |
| 11.1.1.4    | Call Print                | fscarp.p            |
| 11.1.1.5    | Call Print with History   | fscarp02.p          |
| 11.1.1.7    | Call Quote Maintenance    | fscqmt.p            |
| 11.1.1.8    | Call Quote Inquiry        | fscqiq.p            |
| 11.1.1.9    | Call Quote Detail Inquiry | fscqtiq.p           |

| <b>Menu</b> | <b>Menu Label</b>                 | <b>Program Name</b> |
|-------------|-----------------------------------|---------------------|
| 11.1.1.10   | Call Quote Print                  | fscqrp.p            |
| 11.1.1.11   | Call Quote Release to Recording   | fscqca.p            |
| 11.1.1.12   | Copy Call Quote                   | fscqcp.p            |
| 11.1.1.13   | Call Activity Recording           | fscarmt.p           |
| 11.1.1.14   | Call Activity Inquiry             | fscariq.p           |
| 11.1.1.15   | Call Invoice Recording            | fscaimt.p           |
| 11.1.1.21   | Closed Call Move to History       | fscacls.p           |
| 11.1.1.22   | Expired Quote Move to History     | fscqup.p            |
| 11.1.1.23   | Call/Quote History Delete/Archive | fscaarc.p           |
| 11.1.6      | Call Queue Manager                | fsquemg.p           |
| 11.1.8      | Call Generator                    | fscagen.p           |
| 11.1.13     | Call Escalation Menu ...          |                     |
| 11.1.13.1   | Escalation Maintenance            | fsesmt.p            |
| 11.1.13.2   | Escalation Inquiry                | fsesiq.p            |
| 11.1.13.13  | Escalation Monitor                | fsesmgr.p           |
| 11.1.13.24  | Escalation Control                | fscscpm.p           |
| 11.1.15     | Service Request Menu ...          |                     |
| 11.1.15.1   | Service Request Maintenance       | fssrmt.p            |
| 11.1.15.2   | Service Request Browse            | fsbr018.p           |
| 11.1.15.3   | Service Request Report            | fssrrp.p            |
| 11.1.15.7   | SR Status Code Maintenance        | fssrsmt.p           |
| 11.1.15.8   | SR Status Code Browse             | fsbr019.p           |
| 11.1.15.10  | SR Queue Maintenance              | fssrqmt.p           |
| 11.1.15.11  | SR Queue Browse                   | gpbr341.p           |
| 11.1.15.13  | Service Request Queue Manager     | fssrmg.p            |
| 11.1.15.23  | Service Request Delete/Archive    | fssrarc.p           |
| 11.1.15.24  | Service Request Control           | fssrpm.p            |
| 11.1.19     | Call Reports Menu ...             |                     |
| 11.1.19.1   | Total Calls by Assigned Inquiry   | fscarp10.p          |
| 11.1.19.2   | Total Calls by Queue Inquiry      | fscarp11.p          |
| 11.1.19.5   | Warranty Cost Report              | fswarrp.p           |
| 11.1.21     | Call Setup Menu ...               |                     |
| 11.1.21.1   | Call Status Code Maintenance      | fscasmt.p           |

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|-------------|-------------------------------------|---------------------|
| 11.1.21.2   | Call Status Code Inquiry            | fscasiq.p           |
| 11.1.21.4   | Call Types Maintenance              | fsfctmt.p           |
| 11.1.21.5   | Call Types Browse                   | fsbr028.p           |
| 11.1.21.7   | Call Queue Maintenance              | fscaqmt.p           |
| 11.1.21.8   | Call Queue Browse                   | fsbr026.p           |
| 11.1.21.10  | Call Default Maintenance            | fscdfmt.p           |
| 11.1.24     | Call Management Control             | fscapm.p            |
| 11.3        | Installed Base Menu ...             |                     |
| 11.3.1      | Installed Base Item Maintenance     | fsisbmt.p           |
| 11.3.2      | Installed Base Inquiry              | fsbmisiq.p          |
| 11.3.3      | Installed Base Report               | fsisrp02.p          |
| 11.3.5      | Installed Configuration Maintenance | fsbmismt.p          |
| 11.3.7      | Service Item Maintenance            | fsptmt.p            |
| 11.3.9      | Service Item by Site Maintenance    | fspfdmt.p           |
| 11.3.12     | Field Notification Menu ...         |                     |
| 11.3.12.1   | Field Notification Maintenance      | fsfnmt.p            |
| 11.3.12.2   | Field Notification Inquiry          | fsfniq.p            |
| 11.3.12.3   | Field Notification Report           | fsfnrp.p            |
| 11.3.12.23  | Field Notification Del/Archive      | fsfnarc.p           |
| 11.3.13     | Installed Item Move                 | fsisbmv.p           |
| 11.3.15     | Warranty Type Maintenance           | fssvwm.t.p          |
| 11.3.16     | Warranty Type Inquiry               | fssvwiq.p           |
| 11.3.17     | Warranty Type Report                | fssvwrp.p           |
| 11.3.21     | Installed Base Marketing Letters    | fsletrp.p           |
| 11.3.22     | Installed Base History ...          |                     |
| 11.3.22.2   | ISB History Browse                  | fsbr056.p           |
| 11.3.22.3   | ISB History Report                  | fsftchrp.p          |
| 11.3.22.23  | ISB History Delete/Archive          | fsftchup.p          |
| 11.3.23     | Installed Config Table Rebuild      | fseuisb.p           |
| 11.5        | Contract Management Menu ...        |                     |
| 11.5.1      | Contract Quote Menu ...             |                     |
| 11.5.1.1    | Contract Quote Maintenance          | fsqomt.p            |
| 11.5.1.2    | Contract Quote Inquiry              | fsqoiq.p            |



| <b>Menu</b>  | <b>Menu Label</b>                | <b>Program Name</b> |
|--------------|----------------------------------|---------------------|
| 11.5.1.3     | Contract Quote Print             | fsqorp.p            |
| 11.5.1.5     | Contract Quote Release to Contr  | fsqosa01.p          |
| 11.5.1.6     | Contract Quote Copy from Quote   | fsqosa02.p          |
| 11.5.1.7     | Contract Quote Copy from Contr   | fsqosa04.p          |
| 11.5.7       | Contract Additional Charges      | fsscamt.p           |
| 11.5.8       | Additional Charges Inquiry       | fsscaiq.p           |
| 11.5.10      | Contract Type Maintenance        | fssvsmt.p           |
| 11.5.11      | Contract Type Inquiry            | fssvsiq.p           |
| 11.5.12      | Contract Type Report             | fssvsrp.p           |
| 11.5.13      | Contracts Menu ...               |                     |
| 11.5.13.1    | Contract Maintenance             | fssamt.p            |
| 11.5.13.2    | Contract Inquiry                 | fssaiq.p            |
| 11.5.13.3    | Contract Billing History Inquiry | fssaiq04.p          |
| 11.5.13.4    | Contract Print                   | fssarp.p            |
| 11.5.13.6    | Contract Copy to Contract        | fsqosa03.p          |
| 11.5.13.8    | Renew Single Contract            | fsqosa05.p          |
| 11.5.13.10   | Renewal Process/Report           | fssaexp.p           |
| 11.5.13.21   | Contract Reports Menu ...        |                     |
| 11.5.13.21.1 | Contract Cash Flow Report        | fssarp06.p          |
| 11.5.13.21.2 | Contract Deferred Income Report  | fssarp07.p          |
| 11.5.13.21.4 | Limits Consumption Inquiry       | fssaliq.p           |
| 11.5.13.21.5 | Limits Consumption Report        | fssalrp.p           |
| 11.5.13.23   | Contract Delete/Archive          | fssaarc.p           |
| 11.5.18      | Contract Billing Menu ...        |                     |
| 11.5.18.1    | Billing Cycle Code Maintenance   | fssbcmt.p           |
| 11.5.18.13   | Billing Release to Invoice       | fssais.p            |
| 11.5.18.14   | Billing Detail Report            | fssarp08.p          |
| 11.5.18.15   | Contract Invoice Reprint         | fssairp.p           |
| 11.5.18.18   | Billing Reversal Maintenance     | fssaisr.p           |
| 11.5.18.19   | Billing Date Correction          | fssaub.p            |
| 11.5.18.21   | Revenue Recognition              | fssdefre.p          |
| 11.5.18.22   | Deferred/Accrued Revenue Report  | fssdefrp.p          |
| 11.5.18.23   | Revenue Delete/Archive           | fsdefarc.p          |

| <b>Menu</b> | <b>Menu Label</b>                 | <b>Program Name</b> |
|-------------|-----------------------------------|---------------------|
| 11.5.24     | Contract Control                  | fssapm.p            |
| 11.7        | RMA/RTS Menu ...                  |                     |
| 11.7.1      | Return Material Menu (RMA) ...    |                     |
| 11.7.1.1    | RMA Maintenance                   | fsrmamt.p           |
| 11.7.1.2    | RMA Browse                        | fsbr014.p           |
| 11.7.1.3    | RMA Print                         | fsrmp08.p           |
| 11.7.1.5    | RMA Release to Work Order         | fsrmarel.p          |
| 11.7.1.6    | RMA Confirmation                  | fsrmaco.p           |
| 11.7.1.13   | RMA Receipts                      | fsrmais.p           |
| 11.7.1.15   | RMA Shipping Report               | fsrmp06.p           |
| 11.7.1.16   | RMA Shipments                     | fsrmash.p           |
| 11.7.1.17   | RMA Shipment History              | fsрмаq04.p          |
| 11.7.1.18   | RMA by RMA Number Report          | fsrmp01.p           |
| 11.7.1.19   | RMA by Customer Report            | fsrmp02.p           |
| 11.7.1.20   | RMA by Item Report                | fsrmp03.p           |
| 11.7.1.21   | RMA by Completion Due Report      | fsrmp05.p           |
| 11.7.3      | Return to Supplier Menu (RTS) ... |                     |
| 11.7.3.1    | RTS Maintenance                   | fsrtvmt.p           |
| 11.7.3.13   | RTS Receipts                      | fsrtvrc.p           |
| 11.7.3.16   | RTS Shipments                     | fsrtvis.p           |
| 11.7.3.18   | RTS by RTS Number Report          | fsrtp01.p           |
| 11.7.3.19   | RTS by Supplier Report            | fsrtp02.p           |
| 11.7.3.20   | RTS by Item Report                | fsrtp03.p           |
| 11.7.3.21   | RTS by Completion Due Report      | fsrtp05.p           |
| 11.7.24     | RMA/RTS Control                   | fsrmcpm.p           |
| 11.9        | End User Address Menu ...         |                     |
| 11.9.1      | End User Address Maintenance      | adeumt.p            |
| 11.9.2      | End User Address Browse           | adbr007.p           |
| 11.9.3      | End User Address Report           | adeurp.p            |
| 11.9.24     | End User Control                  | fseucpm.p           |
| 11.11       | Material Order Menu (MO) ...      |                     |
| 11.11.1     | Material Order Maintenance        | fseomt.p            |
| 11.11.2     | Material Order Confirmation       | fseoco.p            |

| <b>Menu</b> | <b>Menu Label</b>                    | <b>Program Name</b> |
|-------------|--------------------------------------|---------------------|
| 11.11.4     | MO Manual Allocations                | fseoal.p            |
| 11.11.5     | MO Automatic Allocations             | fseoal1.p           |
| 11.11.6     | Material Order Shipments             | fseops.p            |
| 11.11.8     | MO Direct/Pending Returns            | fseore.p            |
| 11.11.9     | MO Pending Return Report             | fspenrp.p           |
| 11.11.11    | Open Material Order Report           | fseorp1.p           |
| 11.11.12    | Material Order Backlog Report        | fseodl.p            |
| 11.11.13    | Material Order Shipment Report       | fseorp2.p           |
| 11.11.24    | Material Order Control               | fseopm.p            |
| 11.13       | Engineer Menu ...                    |                     |
| 11.13.1     | Engineer Maintenance                 | fsegmt.p            |
| 11.13.4     | Engineer Status Maintenance          | fsessmt.p           |
| 11.13.5     | Engineer Skills Maintenance          | fsegsmt.p           |
| 11.13.9     | On-Call Maintenance                  | fsocmmt.p           |
| 11.13.10    | On-Call Inquiry                      | fsocmiq.p           |
| 11.13.15    | Engineer Schedule Menu ...           |                     |
| 11.13.15.1  | Engineer Master Schedule Maintenance | fseshmt.p           |
| 11.13.15.2  | Engineer Master Schedule Inquiry     | fseshiq.p           |
| 11.13.15.4  | Engineer Detail Schedule Maintenance | fsegdmt.p           |
| 11.13.15.5  | Engineer Detail Schedule Inquiry     | fsegdiq.p           |
| 11.13.15.8  | Engineer Assignment Maintenance      | fsegtmt.p           |
| 11.13.15.9  | Engineer Diary                       | fsegrp02.p          |
| 11.13.15.10 | Engineer Calendar                    | fsegrp01.p          |
| 11.13.15.11 | Engineer Availability Inquiry        | fsegwiq.p           |
| 11.13.15.17 | Engineer Holiday Maintenance         | fsfshemt.p          |
| 11.13.15.18 | Engineer Holiday Inquiry             | fsfsheiq.p          |
| 11.13.15.24 | Engineer Schedule Control            | fsegcpm.p           |
| 11.13.17    | Engineer Paging Menu ...             |                     |
| 11.13.17.1  | Paging Initiation                    | fspghmt.p           |
| 11.13.17.2  | Paging Status Update                 | fspghup.p           |
| 11.13.17.3  | Paging Browse                        | fsbr012.p           |
| 11.13.17.24 | Paging Control                       | fspgcpm.p           |
| 11.15       | Area Menu ...                        |                     |

| <b>Menu</b> | <b>Menu Label</b>                    | <b>Program Name</b> |
|-------------|--------------------------------------|---------------------|
| 11.15.1     | Area Maintenance                     | fsregmt.p           |
| 11.15.2     | Area Browse                          | gpbr346.p           |
| 11.15.5     | Area Structure Maintenance           | fssvar.p            |
| 11.15.6     | Area Structure Inquiry               | fssvariq.p          |
| 11.15.9     | Area Holiday Maintenance             | fsfshamt.p          |
| 11.15.10    | Area Holiday Inquiry                 | fsfshaiq.p          |
| 11.17       | Pricing Menu ...                     |                     |
| 11.17.1     | Service Pricing Maintenance          | fsfpcmt.p           |
| 11.17.2     | Service Pricing Inquiry              | fsfpiciq.p          |
| 11.17.3     | Service Pricing Report               | fsfpcrip.p          |
| 11.17.4     | Service Price List Copy              | fsfpccp.p           |
| 11.19       | Service Structures/Routings Menu ... |                     |
| 11.19.1     | Service BOM Code Maintenance         | fsbommt.p           |
| 11.19.2     | Service BOM Code Inquiry             | fsbomiq.p           |
| 11.19.3     | Service BOM Code Report              | fsbomrp.p           |
| 11.19.5     | Service Structure Maintenance        | fspsmt.p            |
| 11.19.6     | Service Structure Inquiry            | fspsiq.p            |
| 11.19.7     | Service Structure Report             | fspsrp.p            |
| 11.19.9     | Service Structure Copy               | fspscp.p            |
| 11.19.13    | Service Work Center Maintenance      | fswcmt.p            |
| 11.19.14    | Service Work Center Inquiry          | fswciq.p            |
| 11.19.15    | Service Work Center Report           | fswcrp.p            |
| 11.19.17    | Service Routing Maintenance          | fsromt.p            |
| 11.19.18    | Service Routing Inquiry              | fsroiq.p            |
| 11.19.19    | Service Routing Report               | fsrorp.p            |
| 11.19.20    | Service Routing Copy                 | fsrocp.p            |
| 11.19.21    | Service Std Operation Maintenance    | fsopmmt.p           |
| 11.19.22    | Standard Operation Browse            | rwbr002.p           |
| 11.19.23    | Service Std Operation Report         | fsopmrp.p           |
| 11.21       | Service/Support Setup Menu ...       |                     |
| 11.21.1     | Work Code Maintenance                | fsfwkmt.p           |
| 11.21.2     | Work Code Inquiry                    | fsfwkiq.p           |
| 11.21.3     | Work Code Report                     | fsfwkrp.p           |

| <b>Menu</b> | <b>Menu Label</b>                   | <b>Program Name</b> |
|-------------|-------------------------------------|---------------------|
| 11.21.5     | Invoice Sort Maintenance            | fsfismt.p           |
| 11.21.6     | Invoice Sort Inquiry                | fsfisiq.p           |
| 11.21.7     | Invoice Sort Report                 | fsfistrp.p          |
| 11.21.9     | Service Category Maintenance        | fsfscmt.p           |
| 11.21.10    | Service Category Inquiry            | fsfsciq.p           |
| 11.21.11    | Service Category Report             | fsfscrp.p           |
| 11.21.13    | Default Site Maintenance            | fsrdfmt.p           |
| 11.21.17    | Return Status Maintenance           | fsfpstmt.p          |
| 11.21.18    | Return Status Inquiry               | fsfpstiq.p          |
| 11.21.19    | Return Status Report                | fsfpstrp.p          |
| 11.21.21    | Charges/Revenues Setup Menu ...     |                     |
| 11.21.21.1  | Charge Code Maintenance             | fsfcgmt.p           |
| 11.21.21.2  | Charge Code Inquiry                 | fsfcgiq.p           |
| 11.21.21.3  | Charge Code Report                  | fsfcgrp.p           |
| 11.21.21.5  | Charge Product Line Maintenance     | fsfccmt.p           |
| 11.21.21.6  | Charge Product Line Inquiry         | fsfcciq.p           |
| 11.21.21.7  | Charge Product Line Report          | fsfccrp.p           |
| 11.21.21.9  | Revenue Product Line Maintenance    | fsfccrmt.p          |
| 11.21.21.10 | Revenue Product Line Browse         | fsbr033.p           |
| 11.21.21.11 | Revenue Product Line Report         | fsfccrrp.p          |
| 11.21.21.13 | Default Charge Code Maintenance     | fsfdcmt.p           |
| 11.21.21.14 | Default Charge Code Browse          | fsbr038.p           |
| 11.21.22    | Multiple Time Zones Setup Menu ...  |                     |
| 11.21.22.20 | End User Time Zone Change Util      | uteutz.p            |
| 11.21.22.22 | Server Time Zone Change Util        | utsvrtz.p           |
| 11.21.22.24 | Multiple Time Zones Startup Utility | utmtzon.p           |
| 11.21.23    | Service/Support User Preferences    | fsfsumt.p           |
| 11.24       | Service Management Control          | fsmg.p              |

## 12. Distribution Plan Menu

| Menu     | Menu Label                                  | Program Name |
|----------|---|--------------|
| 12.1     | Source Network Menu ...                     |              |
| 12.1.1   | Network Code Maintenance                    | dnssmt.p     |
| 12.1.2   | Network Code Browse                         | dnbr002.p    |
| 12.1.3   | Network Code Report                         | dnssrp.p     |
| 12.1.13  | Source Network Maintenance                  | dnssmt01.p   |
| 12.1.14  | Source Network Inquiry                      | dnssiq01.p   |
| 12.1.15  | Source Network Report                       | dnssrp01.p   |
| 12.5     | Transportation Management Menu ...          |              |
| 12.5.1   | Transportation Mode Maintenance             | dntmmt.p     |
| 12.5.2   | Transportation Mode Browse                  | dnbr004.p    |
| 12.5.3   | Transportation Mode Report                  | dntmrp.p     |
| 12.5.5   | Transportation Network Maintenance          | dnssmt02.p   |
| 12.5.6   | Transportation Network Browse               | dnbr003.p    |
| 12.5.7   | Transportation Network Report               | dnssrp02.p   |
| 12.5.9   | Shipping Schedule Maintenance               | dnssmt03.p   |
| 12.5.10  | Shipping Schedule Inquiry                   | dnssiq03.p   |
| 12.5.11  | Shipping Schedule Report                    | dnssrp03.p   |
| 12.5.13  | Freight Rate Table Maintenance              | dnftmt.p     |
| 12.5.14  | Freight Rate Table Browse                   | dnbr001.p    |
| 12.5.15  | Freight Rate Table Report                   | dnftrp.p     |
| 12.5.17  | Shipping Load Summary Inquiry               | dntmiq01.p   |
| 12.5.18  | Shipping Load Summary Report                | dntmrp01.p   |
| 12.5.20  | Shipping Load Detail Inquiry                | dntmiq02.p   |
| 12.5.21  | Shipping Load Detail Report                 | dntmrp02.p   |
| 12.13    | Distribution Requirements Planning Menu ... |              |
| 12.13.1  | Net Change Distribution Plan                | drmpnc.p     |
| 12.13.2  | Regenerative Distribution Plan              | drmpup.p     |
| 12.13.3  | Selective Distribution Plan                 | drmprc.p     |
| 12.13.5  | DRP Action Message Review/Update            | droamt.p     |
| 12.13.6  | DRP Action Message Browse                   | drbr002.p    |
| 12.13.7  | DRP Action Message Report                   | drmprp02.p   |
| 12.13.10 | Planned Intersite Request Approval          | drdoap.p     |

| <b>Menu</b> | <b>Menu Label</b>                | <b>Program Name</b> |
|-------------|----------------------------------|---------------------|
| 12.13.11    | Planned Intersite Request Browse | drbr001.p           |
| 12.13.12    | Planned Intersite Request Report | drdor11.p           |
| 12.13.13    | DRP Summary Inquiry              | drmpiq.p            |
| 12.13.14    | DRP Summary Report               | drmprp.p            |
| 12.13.16    | DRP Detail Inquiry               | drmpiq01.p          |
| 12.13.17    | DRP Detail Report                | drmprp01.p          |
| 12.13.22    | Low Level Code Update            | mrllup01.p          |
| 12.13.24    | DRP Control                      | drppm.p             |
| 12.15       | Intersite Requests Menu ...      |                     |
| 12.15.1     | Intersite Request Maintenance    | dsdmmt.p            |
| 12.15.2     | Intersite Request Browse         | dsbr001.p           |
| 12.15.3     | Intersite Request Report         | dsdmrp.p            |
| 12.15.5     | Distributed Inventory Inquiry    | dsloiq01.p          |
| 12.15.6     | Distributed Inventory Report     | dslorp01.p          |
| 12.15.9     | Intersite Demand Transfer        | dsdmup01.p          |
| 12.15.10    | Intersite Demand Export          | dsdmexp.p           |
| 12.15.13    | Orders in Transit Browse         | dsbr003.p           |
| 12.15.14    | Orders in Transit Report         | dsdmrp03.p          |
| 12.15.17    | Inventory in Transit Inquiry     | dsloiq02.p          |
| 12.15.18    | Inventory in Transit Report      | dslorp02.p          |
| 12.15.20    | Distributed Order Receipt        | dsdor.p             |
| 12.15.23    | Intersite Request Delete/Archive | dsdmup.p            |
| 12.15.24    | Distribution Management Control  | dmdrppm.p           |
| 12.17       | Distribution Orders Menu ...     |                     |
| 12.17.1     | Intersite Demand Confirmation    | dsdmmt01.p          |
| 12.17.2     | Intersite Demand Browse          | dsbr002.p           |
| 12.17.3     | Intersite Demand Summary Inquiry | dsdmiq02.p          |
| 12.17.4     | Intersite Demand Report          | dsdmrp01.p          |
| 12.17.10    | Intersite Demand Import          | dsdmimp.p           |
| 12.17.12    | Intersite Demand Validation      | dsdmup02.p          |
| 12.17.13    | Distribution Order Workbench     | dsdomt01.p          |
| 12.17.14    | Distribution Order Maintenance   | dsdomt.p            |
| 12.17.15    | Distribution Order Browse        | dsbr004.p           |

| Menu     | Menu Label                             | Program Name |
|----------|--|--------------|
| 12.17.16 | Distribution Order Report              | dsdorp.p     |
| 12.17.17 | DO Shipment Reconciliation             | dsdorp02.p   |
| 12.17.18 | Distribution Order Print               | dsdorp01.p   |
| 12.17.19 | Distribution Order Picklist Print      | dsdopk01.p   |
| 12.17.20 | Distribution Order Unpick              | dsunpk.p     |
| 12.17.21 | Distribution Order Processing          | dsdomt02.p   |
| 12.17.22 | Distribution Order Shipments           | dsdois.p     |
| 12.17.23 | Closed Intersite Demand Delete/Archive | dsdoup.p     |

## 13. Product Structures Menu

| Menu    | Menu Label                          | Program Name |
|---------|-------------------------------------|--------------|
| 13.1    | Product Structure Code Maintenance  | bmmamt.p     |
| 13.2    | Product Structure Code Browse       | bmbr002.p    |
| 13.3    | Product Structure Code Report       | bmmarp.p     |
| 13.5    | Product Structure Maintenance       | bmpsmt.p     |
| 13.6    | Product Structure Inquiry           | bmpsi.q.p    |
| 13.7    | Where-Used Inquiry                  | bmwui.q.p    |
| 13.8    | Product Structure Reports Menu ...  |              |
| 13.8.1  | Product Structure by Item Report    | bmpsrp.p     |
| 13.8.2  | Product Structure by Number Report  | bmpsrp02.p   |
| 13.8.7  | Item-Site Structure Inquiry         | pppsiq10.p   |
| 13.8.8  | Item-Site Structure Report          | pppsrp10.p   |
| 13.8.13 | Where-Used Inquiry                  | bmwui.q.p    |
| 13.8.14 | Where-Used Report                   | bmwurp.p     |
| 13.8.16 | Simulated Picklist Inquiry          | bmpki.q.p    |
| 13.8.17 | Simulated Picklist Item Check       | bmpkcc.p     |
| 13.8.18 | Simulated Picklist Report           | bmpkrp.p     |
| 13.8.20 | Materials Summary Report            | bmpsrp06.p   |
| 13.9    | Product Structure Copy              | bmpscp.p     |
| 13.10   | Component Change                    | bmpsmc.p     |
| 13.12   | Cost and Lead Time Roll-Up Menu ... |              |
| 13.12.1 | Cost Roll-Up Freeze/Unfreeze        | bmfrzmt.p    |
| 13.12.2 | Cost Roll-Up Freeze Report          | bmfrzrp.p    |



| <b>Menu</b> | <b>Menu Label</b>                 | <b>Program Name</b> |
|-------------|-----------------------------------|---------------------|
| 13.12.4     | Product Structure Cost Report     | bmsrpr01.p          |
| 13.12.5     | Product Structure Cost Summary    | bmsrpr05.p          |
| 13.12.7     | Co/By-Products Cost Report        | bmsrpr02.p          |
| 13.12.13    | Product Structure Cost Roll-Up    | bmsrpr01.p          |
| 13.12.14    | Cumulative Lead Time Roll-Up      | bmsrpr01.p          |
| 13.12.16    | Cumulative Lead Time Report       | bmsrpr07.p          |
| 13.12.17    | Lead Time Picture Report          | bmsrpr04.p          |
| 13.13       | Engineering Change (ECO) Menu ... |                     |
| 13.13.1     | ECO Maintenance                   | bmeamt.p            |
| 13.13.2     | ECO Browse                        | bmebr001.p          |
| 13.13.3     | ECO by ECO Number Report          | bmebrp.p            |
| 13.13.4     | ECO by Item Report                | bmebrp01.p          |
| 13.13.22    | Enable PCC Structure Maintenance  | bmeenabl.p          |
| 13.15       | Alternate Structure Maintenance   | bmasmt.p            |
| 13.16       | Alternate Structure Inquiry       | bmasiq.p            |
| 13.17       | Alternate Structure Report        | bmasrp.p            |
| 13.19       | Item Substitution Maintenance     | ptsumt.p            |
| 13.20       | Item Substitution Browse          | ptbr002.p           |
| 13.21       | Item Substitution Report          | ptsurp.p            |
| 13.22       | Co-Products/By-Products Menu ...  |                     |
| 13.22.1     | Co/By-Product Maintenance         | bmcbrmt.p           |
| 13.22.2     | Co/By-Product Inquiry             | bmcbriq.p           |
| 13.22.5     | Average Cost Method Maintenance   | csacmmt.p           |
| 13.22.6     | Average Cost Method Inquiry       | csacmiq.p           |
| 13.23       | Product Structure Delete/Archive  | bmsrprdel.p         |

## 14. Routings/Work Centers Menu

| <b>Menu</b> | <b>Menu Label</b>       | <b>Program Name</b> |
|-------------|-------------------------|---------------------|
| 14.1        | Department Maintenance  | rwdpmt.p            |
| 14.2        | Department Browse       | rwdbr006.p          |
| 14.3        | Department Report       | rwdprp.p            |
| 14.5        | Work Center Maintenance | rwwcmt.p            |
| 14.6        | Work Center Browse      | rwdbr004.p          |

| <b>Menu</b> | <b>Menu Label</b>                         | <b>Program Name</b> |
|-------------|---|---------------------|
| 14.7        | Work Center Report                        | rwwcrp.p            |
| 14.9        | Standard Operation Maintenance            | rwopmmt.p           |
| 14.10       | Standard Operation Browse                 | rwbr002.p           |
| 14.11       | Standard Operation Report                 | rwopmnp.p           |
| 14.12       | Master Comment Maintenance                | gpcmmt.p            |
| 14.13       | Routing Menu ...                          |                     |
| 14.13.1     | Routing Maintenance                       | rwromt.p            |
| 14.13.2     | Routing Maintenance (Rate Based)          | rwromt01.p          |
| 14.13.3     | Routing Inquiry                           | rwroiq.p            |
| 14.13.4     | Routing Report                            | rwrorp.p            |
| 14.13.6     | Routing Copy                              | rwrocp.p            |
| 14.13.7     | Routing Update                            | rwroup.p            |
| 14.13.13    | Routing Cost Roll-Up                      | rwroru.p            |
| 14.13.14    | Routing Cost Report                       | rwrorp01.p          |
| 14.13.15    | Item Routing Cost Report                  | rwrorp02.p          |
| 14.13.17    | Operation Cost Calculation                | rwroru01.p          |
| 14.13.18    | Operation Cost Browse                     | rwbr003.p           |
| 14.13.19    | Operation Cost Report                     | rwrorp04.p          |
| 14.13.21    | Actual Pay Rate Maintenance               | rwemmt.p            |
| 14.13.23    | Routing Delete/Archive                    | rwrodel.p           |
| 14.15       | Alternate Routing Menu ...                |                     |
| 14.15.1     | Alternate Routing Maintenance             | rwarmt.p            |
| 14.15.2     | Alternate Routing Browse                  | rwbr001.p           |
| 14.15.3     | Alternate Routing Report                  | rwarrp.p            |
| 14.17       | Work Center/Routing Standards Menu ...    |                     |
| 14.17.1     | Work Center/Routing Standards Maintenance | rwwrmt.p            |
| 14.17.2     | Work Center/Routing Standards Browse      | rwbr005.p           |
| 14.17.3     | Work Center/Routing Standards Report      | rwrrrp.p            |
| 14.22       | Enable PCC Routing Maintenance            | ropcnabl.p          |

## 15. Formula/Process Menu

| Menu    | Menu Label                        | Program Name |
|---------|-----------------------------------|--------------|
| 15.1    | Formula Code Maintenance          | fmmamt.p     |
| 15.2    | Formula Code Browse               | fmbr001.p    |
| 15.3    | Formula Code Report               | fmmarp.p     |
| 15.5    | Formula Maintenance               | fmpsmt.p     |
| 15.6    | Formula Inquiry                   | fmpsiq.p     |
| 15.7    | Formula Reports Menu ...          |              |
| 15.7.1  | Formula by Component Report       | fmpsrp.p     |
| 15.7.2  | Formula by Item Number Report     | fmpsrp02.p   |
| 15.7.4  | Formula Cost Report               | fmpsrp01.p   |
| 15.7.7  | Item-Site Formula Inquiry         | fmpsiq10.p   |
| 15.7.8  | Item-Site Formula Report          | fmpsrp10.p   |
| 15.7.13 | Where-Used Inquiry                | fmwuiq.p     |
| 15.7.14 | Where-Used Report                 | fmwurp.p     |
| 15.7.16 | Simulated Batch Inquiry           | fmpkiq.p     |
| 15.7.17 | Simulated Batch Ingredient Check  | fmpkcc.p     |
| 15.7.18 | Simulated Batch Ingredient Report | fmpkrp.p     |
| 15.8    | Formula Copy                      | fmpscp.p     |
| 15.9    | Batch Quantity Change             | fmpbtmt.p    |
| 15.12   | Co-Products/By-Products Menu ...  |              |
| 15.12.1 | Co/By-Product Maintenance         | bmjpmt.p     |
| 15.12.2 | Co/By-Product Inquiry             | bmjpiq.p     |
| 15.12.5 | Average Cost Method Maintenance   | csacmmt.p    |
| 15.12.6 | Average Cost Method Inquiry       | csacmiq.p    |
| 15.13   | Process Definition Maintenance    | fmromt.p     |
| 15.14   | Process Definition Inquiry        | fmroiq.p     |
| 15.15   | Process Definition Report         | fmrorp.p     |
| 15.16   | Process Definition Copy           | fmrocp.p     |
| 15.18   | Process/Formula Maintenance       | fmopmt.p     |
| 15.19   | Process/Formula Inquiry           | fmopiq.p     |
| 15.22   | Enable PCC Formula Maintenance    | fmpcnabl.p   |

## 16. Work Orders Menu

| Menu     | Menu Label                         | Program Name |
|----------|------------------------------------|--------------|
| 16.1     | Work Order Maintenance             | wowomt.p     |
| 16.2     | Work Order Browse                  | wobr003.p    |
| 16.3     | Work Order Reports Menu ...        |              |
| 16.3.1   | Work Order by Order Report         | woworp.p     |
| 16.3.2   | Work Order by Item Report          | woworp01.p   |
| 16.3.3   | Work Order Status Report           | woworp02.p   |
| 16.3.4   | Work Order Cost Report             | woworp05.p   |
| 16.3.5   | Work Order WIP Cost Report         | woworp09.p   |
| 16.3.6   | Work Order History Report          | woworp03.p   |
| 16.3.13  | Co/By-Product Work Order Inquiry   | wojqiq.p     |
| 16.5     | Work Order Component Check         | wowocc.p     |
| 16.6     | Work Order Release/Print           | woworl.p     |
| 16.7     | Multiple WO Release/Print          | woworl01.p   |
| 16.8     | Multiple WO Status Change          | wowomt01.p   |
| 16.9     | Work Order Split                   | wowosp.p     |
| 16.10    | Work Order Component Issue         | wowois.p     |
| 16.11    | Work Order Receipt                 | woworc.p     |
| 16.12    | Work Order Receipt Backflush       | wowoisrc.p   |
| 16.13    | Work Order Bills/Routings Menu ... |              |
| 16.13.1  | Work Order Bill Maintenance        | wowamt.p     |
| 16.13.2  | Work Order Bill Browse             | wobr002.p    |
| 16.13.3  | Work Order Bill by Order Report    | wowarp01.p   |
| 16.13.4  | Work Order Bill by Item Report     | wowarp.p     |
| 16.13.13 | Work Order Routing Maintenance     | woopmt.p     |
| 16.13.14 | Work Order Routing Browse          | wobr001.p    |
| 16.13.15 | Work Order Routing Report          | woopr.p      |
| 16.15    | Work Order Bill Shortage Inquiry   | wowsiq.p     |
| 16.16    | Work Order Bill Shortage Report    | wowsrp.p     |
| 16.17    | Work Order Bill Shortage by Item   | wowsrp01.p   |
| 16.18    | Work Order Dispatch Report         | woworp04.p   |
| 16.19    | Work Order Operation Backflush     | wobkfl.p     |
| 16.21    | Work Order Accounting Close        | wowocl.p     |

| <b>Menu</b> | <b>Menu Label</b>             | <b>Program Name</b> |
|-------------|-------------------------------|---------------------|
| 16.22       | WIP Material Cost Revaluation | wocswip.p           |
| 16.23       | Work Order Delete/Archive     | wowoup.p            |
| 16.24       | Work Order Control            | wowopm.p            |

## 17. Shop Floor Control Menu

| <b>Menu</b> | <b>Menu Label</b>                    | <b>Program Name</b> |
|-------------|--------------------------------------|---------------------|
| 17.1        | Labor Feedback by Work Order         | sfoptr01.p          |
| 17.2        | Labor Feedback by Employee           | sfoptr02.p          |
| 17.3        | Labor Feedback by Work Center        | sfoptr03.p          |
| 17.4        | Non-Productive Labor Feedback        | sfoptr04.p          |
| 17.5        | Operation Complete Transaction       | sfoptr05.p          |
| 17.6        | Operation Move Transaction           | sfoptr06.p          |
| 17.7        | Operation Scrap Transaction          | sfscrap.p           |
| 17.13       | Shop Floor Reports Menu...           |                     |
| 17.13.8     | Operation Transaction Browse         | sfbr001.p           |
| 17.13.9     | Operation Transaction Detail Inquiry | sfopiq12.p          |
| 17.13.10    | Operations Accounting Report         | sfacrp01.p          |
| 17.13.11    | Input/Output Inquiry                 | sfioiq.p            |
| 17.13.12    | Input/Output Report                  | sfiorp.p            |
| 17.13.13    | Operations by Work Center Report     | sfopr11.p           |
| 17.13.14    | Operations by Work Order Report      | sfopr12.p           |
| 17.13.15    | Operations by Employee Report        | sfopr13.p           |
| 17.13.16    | Down Time Report                     | sfopr14.p           |
| 17.13.17    | Down Time by Reason Report           | sfopr15.p           |
| 17.13.18    | Work Center Utilization Report       | sfwcrp04.p          |
| 17.13.19    | Efficiency by Work Center Report     | sfwcrp03.p          |
| 17.13.20    | Efficiency by Work Order Report      | sfopr01.p           |
| 17.13.21    | Efficiency by Employee Report        | sfemrp01.p          |
| 17.21       | Flow Menu...                         |                     |
| 17.21.1     | Flow Setup Menu...                   |                     |
| 17.21.1.1   | Schedule Period Maintenance          | kbppmt.p            |
| 17.21.1.2   | Schedule Period Browse               | kbbr001.p           |
| 17.21.1.4   | Production Line Maintenance          | flplmt.p            |

| <b>Menu</b> | <b>Menu Label</b>                   | <b>Program Name</b> |
|-------------|-------------------------------------|---------------------|
| 17.21.1.5   | Production Line Browse              | flbr004.p           |
| 17.21.1.7   | Production Line Item Maintenance    | flplimt.p           |
| 17.21.1.8   | Production Line Item Browse         | flbr006.p           |
| 17.21.1.10  | Flex Fence Maintenance              | flffmt.p            |
| 17.21.1.13  | Rate Code by Item Maintenance       | flcimt.p            |
| 17.21.1.14  | Rate Code by Item Browse            | flbr011.p           |
| 17.21.1.16  | Rate Code by Type/Group Maintenance | flrcgmt.p           |
| 17.21.1.17  | Rate Code by Item Type Browse       | flbr012.p           |
| 17.21.1.18  | Rate Code by Item Group Browse      | flbr013.p           |
| 17.21.1.19  | Schedule Code Maintenance           | flscmt.p            |
| 17.21.1.22  | Work Ctr/Location Maintenance       | pppoulmt.p          |
| 17.21.3     | Flow Schedule Maintenance           | flschmt.p           |
| 17.21.5     | Flow Schedule Copy                  | flschcp.p           |
| 17.21.7     | Flow Schedule Receipts              | flschrc.p           |
| 17.21.9     | Import MRP Orders to Schedule       | flimpmrp.p          |
| 17.21.10    | Export Schedule to Repetitive       | flexprep.p          |
| 17.21.13    | Flow Inquiry and Reports Menu...    |                     |
| 17.21.13.1  | Linearity Summary Inquiry           | fllniq.p            |
| 17.21.13.2  | Linearity Summary Report            | fllnrp.p            |
| 17.21.13.7  | Flow Schedule View                  | flscvw.p            |
| 17.21.13.10 | Flow Schedule Detail View           | flscdv.p            |
| 17.21.13.11 | Flow Schedule Detail Report         | flscdrp.p           |
| 17.21.19    | Flow Schedule Close                 | flschcl.p           |
| 17.21.23    | Flow Delete/Archive                 | flschup.p           |
| 17.21.24    | Flow Control                        | flpm.p              |
| 17.22       | Kanban Menu ...                     |                     |
| 17.22.1     | Kanban Master Maintenance           | kbbmt.p             |
| 17.22.2     | Kanban Master Inquiry               | kbbiq.p             |
| 17.22.3     | Kanban Master Report                | kbbbrp.p            |
| 17.22.5     | Kanban Master Copy                  | kbbcp.p             |
| 17.22.7     | Planning Period Maintenance         | kbpmt.p             |
| 17.22.8     | Planning Period Browse              | kbb001.p            |
| 17.22.10    | Maximum Demand Maintenance          | kbbmdmt.p           |

| <b>Menu</b> | <b>Menu Label</b>                | <b>Program Name</b> |
|-------------|----------------------------------|---------------------|
| 17.22.11    | Maximum Demand Browse            | kbbr002.p           |
| 17.22.12    | Maximum Demand Report            | kbmdrp.p            |
| 17.22.13    | Maximum Demand Calculation       | kbmdclc.p           |
| 17.22.15    | Kanban Card Size/Print           | kbszmt.p            |
| 17.22.16    | Kanban Card Inquiry              | kbsziq.p            |
| 17.22.17    | Kanban Card Reprint              | kbszrp01.p          |
| 17.22.19    | Kanban Transactions Menu...      |                     |
| 17.22.19.1  | Execute Kanban Transactions      | kbextr.p            |
| 17.22.19.2  | Return Kanban Transactions       | kbrtrr.p            |
| 17.22.19.4  | Transaction Inquiry by Trans Nbr | kbtriq.p            |
| 17.22.19.5  | Transaction History Browse       | kbbr008.p           |
| 17.22.19.7  | View Transactions by Item        | kbtriq1.p           |
| 17.22.19.8  | View Transactions by Kanban Mstr | kbtriq2.p           |
| 17.22.19.9  | View Transactions by Kanban Card | kbtriq3.p           |
| 17.22.19.13 | Kanban Dispatch List Processing  | kbdlrp.p            |
| 17.22.19.15 | Kanban Transactions Audit Report | kbtrrp.p            |
| 17.22.19.18 | Missing Kanbans Report           | kbmirp.p            |
| 17.22.19.23 | Transaction Delete/Archive       | kbtrup.p            |
| 17.22.21    | Kanban Card Activate/Inactivate  | kbcdmr.p            |
| 17.22.22    | Kanban Card Audit Report         | kbcdrp.p            |
| 17.22.24    | Kanban Control                   | kbpm.p              |
| 17.23       | Operation History Delete/Archive | sfopup.p            |
| 17.24       | Shop Floor Control               | sfoppm.p            |

## 18. Repetitive Menu

| <b>Menu</b> | <b>Menu Label</b>             | <b>Program Name</b> |
|-------------|-------------------------------|---------------------|
| 18.1        | Production Line Menu ...      |                     |
| 18.1.1      | Production Line Maintenance   | splnmt.p            |
| 18.1.2      | Production Line Browse        | rebr002.p           |
| 18.1.3      | Production Line Detail Browse | rebr003.p           |
| 18.1.4      | Production Line Report        | relnrp.p            |
| 18.1.6      | Line Changeover Maintenance   | rechmt.p            |
| 18.1.7      | Line Changeover Browse        | rebr001.p           |

| <b>Menu</b> | <b>Menu Label</b>                | <b>Program Name</b> |
|-------------|----------------------------------|---------------------|
| 18.1.8      | Line Changeover Report           | rechrp.p            |
| 18.1.10     | Line Schedule Workbench          | resqwb.p            |
| 18.1.11     | Line Allocation Maintenance      | splamt.p            |
| 18.1.12     | Line Allocation Inquiry          | splaiq.p            |
| 18.1.13     | Line Schedule Browse             | rebr004.p           |
| 18.1.14     | Line Schedule Report             | resqrp.p            |
| 18.1.15     | Line Utilization Report          | reutlrp.p           |
| 18.1.18     | Repetitive Schedule Update       | recrms.p            |
| 18.1.22     | Shift Maintenance                | rescmt.p            |
| 18.1.23     | Shift Report                     | rescrp.p            |
| 18.2        | Schedule Menu ...                |                     |
| 18.2.1      | Schedule Maintenance             | rerpmt.p            |
| 18.2.2      | Item Schedule Inquiry            | rerpiq.p            |
| 18.2.3      | Item Schedule Summary            | rerpiq04.p          |
| 18.2.4      | Schedule Explosion               | repex.p             |
| 18.2.5      | Operation Schedule Report        | reopr01.p           |
| 18.2.13     | Production Line Schedule Inquiry | relsiq.p            |
| 18.2.14     | Production Line Schedule Browse  | rebr011.p           |
| 18.2.15     | Production Line Schedule Report  | relsrp.p            |
| 18.3        | Picklist Menu ...                |                     |
| 18.3.1      | Repetitive Picklist Calculation  | repkup.p            |
| 18.3.2      | Repetitive Picklist Inquiry      | repkiq.p            |
| 18.3.3      | Repetitive Picklist Report       | repkrp.p            |
| 18.3.5      | Repetitive Picklist Print        | repkrp01.p          |
| 18.3.6      | Repetitive Picklist Transfer     | repkis.p            |
| 18.3.8      | Repetitive Picklist Undo         | repkunkp.p          |
| 18.3.9      | Repetitive Picklist Delete       | repkdel.p           |
| 18.4        | Reports Menu ...                 |                     |
| 18.4.1      | Repetitive Transaction Browse    | sfbr001.p           |
| 18.4.2      | Repetitive Trans Detail Inquiry  | reopiq12.p          |
| 18.4.4      | Reject by Item Report            | reopr23.p           |
| 18.4.5      | Reject by Reason Report          | reopr25.p           |
| 18.4.6      | Down Time by Reason Report       | reopr24.p           |



| <b>Menu</b> | <b>Menu Label</b>                  | <b>Program Name</b> |
|-------------|------------------------------------|---------------------|
| 18.4.8      | Work Center Dispatch Report        | reworp04.p          |
| 18.4.10     | Rep Operations Accounting Report   | reacrp01.p          |
| 18.4.12     | Repetitive WIP Cost Report         | reptr30.p           |
| 18.4.13     | Operations by Item Report          | reopr17.p           |
| 18.4.14     | Operations by Employee Report      | reopr18.p           |
| 18.4.15     | Operations by Work Center Report   | reopr16.p           |
| 18.4.17     | Productivity by Item Report        | reopr21.p           |
| 18.4.18     | Productivity by Employee Report    | reopr20.p           |
| 18.4.19     | Productivity by Work Center Report | reopr22.p           |
| 18.4.21     | Efficiency by Item Report          | reptr01.p           |
| 18.4.22     | Efficiency by Employee Report      | reemp01.p           |
| 18.4.23     | Efficiency by Work Center Report   | rewcrp01.p          |
| 18.6        | Cumulative Order Maintenance       | rewomt.p            |
| 18.7        | Cumulative Order Browse            | rebr005.p           |
| 18.8        | Cumulative Order Report            | reworp.p            |
| 18.9        | Cumulative Order Accounting Close  | rewocl.p            |
| 18.13       | Repetitive Setup Transaction       | reopr07.p           |
| 18.14       | Repetitive Labor Transaction       | reopr10.p           |
| 18.15       | Repetitive Down Time Transaction   | reopr12.p           |
| 18.16       | Repetitive Rework Transaction      | reopr13.p           |
| 18.17       | Repetitive Reject Transaction      | reopr11.p           |
| 18.18       | Repetitive Scrap Transaction       | reopr14.p           |
| 18.19       | Non-Productive Labor Feedback      | reopr15.p           |
| 18.22       | Advanced Repetitive ...            |                     |
| 18.22.1     | Production Line Menu ...           |                     |
| 18.22.1.1   | Production Line Maintenance        | splnmt.p            |
| 18.22.1.2   | Production Line Browse             | rebr002.p           |
| 18.22.1.3   | Production Line Detail Browse      | rebr003.p           |
| 18.22.1.4   | Production Line Report             | relnrp.p            |
| 18.22.1.6   | Line Changeover Maintenance        | rechmt.p            |
| 18.22.1.7   | Line Changeover Browse             | rebr001.p           |
| 18.22.1.8   | Line Changeover Report             | rechrp.p            |
| 18.22.1.10  | Line Schedule Workbench            | resqwb.p            |

| <b>Menu</b> | <b>Menu Label</b>                | <b>Program Name</b> |
|-------------|----------------------------------|---------------------|
| 18.22.1.11  | Line Allocation Maintenance      | splamt.p            |
| 18.22.1.12  | Line Allocation Inquiry          | splaiq.p            |
| 18.22.1.13  | Line Schedule Browse             | rebr004.p           |
| 18.22.1.14  | Line Schedule Report             | resqrp.p            |
| 18.22.1.15  | Line Utilization Report          | reutlrp.p           |
| 18.22.1.18  | Repetitive Schedule Update       | recrms.p            |
| 18.22.1.22  | Shift Maintenance                | rescmt.p            |
| 18.22.1.23  | Shift Report                     | rescrp.p            |
| 18.22.2     | Schedule Menu ...                |                     |
| 18.22.2.1   | Schedule Maintenance             | rerpmt.p            |
| 18.22.2.2   | Item Schedule Inquiry            | reschiq.p           |
| 18.22.2.3   | Item Schedule Summary            | rerpiq04.p          |
| 18.22.2.4   | Schedule Explosion               | reschex.p           |
| 18.22.2.5   | Operation Schedule Report        | reopr01.p           |
| 18.22.2.6   | Cumulative Completed Maintenance | reccmt.p            |
| 18.22.2.7   | Schedule Delete                  | reschdel.p          |
| 18.22.2.13  | Production Line Schedule Inquiry | relsiq.p            |
| 18.22.2.14  | Production Line Schedule Browse  | rebr011.p           |
| 18.22.2.15  | Production Line Schedule Report  | relsrp.p            |
| 18.22.3     | Picklist Menu ...                |                     |
| 18.22.3.1   | Repetitive Picklist Calculation  | repkup.p            |
| 18.22.3.2   | Repetitive Picklist Inquiry      | repkiq.p            |
| 18.22.3.3   | Repetitive Picklist Report       | repkrp.p            |
| 18.22.3.5   | Repetitive Picklist Print        | repkrp01.p          |
| 18.22.3.6   | Repetitive Picklist Transfer     | repkis.p            |
| 18.22.3.8   | Repetitive Picklist Undo         | repkunkp.p          |
| 18.22.3.9   | Repetitive Picklist Delete       | repkdel.p           |
| 18.22.4     | Reports Menu ...                 |                     |
| 18.22.4.1   | Operation Transaction Inquiry    | reopiq01.p          |
| 18.22.4.2   | Operation Trans Detail Inquiry   | reopiq02.p          |
| 18.22.4.3   | Scrap Analysis Report            | rescrp01.p          |
| 18.22.4.4   | Reject Analysis Report           | rerjrp01.p          |
| 18.22.4.5   | Rework Analysis Report           | rerwrp01.p          |

| <b>Menu</b> | <b>Menu Label</b>                  | <b>Program Name</b> |
|-------------|------------------------------------|---------------------|
| 18.22.4.6   | WIP Adjustments Analysis Report    | rewarp01.p          |
| 18.22.4.7   | Down Time By Reason Report         | reopr24.p           |
| 18.22.4.8   | Work Center Dispatch Report        | rewor04.p           |
| 18.22.4.9   | Rep Operations Accounting Report   | reacr01.p           |
| 18.22.4.10  | Cumulative Order Cost Report       | rewor02.p           |
| 18.22.4.11  | WIP Status Report                  | rewor05.p           |
| 18.22.4.13  | WIP Valuation Report               | rewor03.p           |
| 18.22.4.14  | Scrap Valuation Report             | rescr02.p           |
| 18.22.4.15  | WIP Adjustments Valuation Report   | rewarp02.p          |
| 18.22.4.16  | Operations By Item Report          | reopr37.p           |
| 18.22.4.17  | Operations By Employee Report      | reopr38.p           |
| 18.22.4.18  | Operations By Work Center Report   | reopr36.p           |
| 18.22.4.19  | Productivity By Item Report        | reopr41.p           |
| 18.22.4.20  | Productivity By Employee Report    | reopr40.p           |
| 18.22.4.21  | Productivity By Work Center Report | reopr42.p           |
| 18.22.4.22  | Efficiency By Item Report          | reptr31.p           |
| 18.22.4.23  | Efficiency By Employee Report      | reemrp31.p          |
| 18.22.4.24  | Efficiency By Work Center Report   | rewcrp31.p          |
| 18.22.5     | Subcontract Shipping Menu ...      |                     |
| 18.22.5.4   | Sub Container Maintenance          | rectmt.p            |
| 18.22.5.5   | Sub Shipper Maintenance            | reshmt.p            |
| 18.22.5.6   | Sub Shipper/Container Inquiry      | reiq03.p            |
| 18.22.5.9   | Sub Shipper Print                  | rerp11.p            |
| 18.22.5.11  | Sub Shipper Issue                  | resubis.p           |
| 18.22.5.23  | Sub Shipper Delete/Archive         | rescdel.p           |
| 18.22.6     | Cumulative Order Maintenance       | recwomt.p           |
| 18.22.7     | Cumulative Order Inquiry           | recwoiq.p           |
| 18.22.8     | Cumulative Order Report            | rewor01.p           |
| 18.22.9     | Post Accumulated Usage Variances   | reuvup.p            |
| 18.22.10    | Cumulative Order Close             | reclose.p           |
| 18.22.11    | Cumulative Order Create            | recwup.p            |
| 18.22.12    | WIP Status Inquiry                 | rewoiq05.p          |
| 18.22.13    | Backflush Transaction              | rebkfl.p            |

| <b>Menu</b> | <b>Menu Label</b>                | <b>Program Name</b> |
|-------------|----------------------------------|---------------------|
| 18.22.14    | Run Labor Transaction            | relbr.p             |
| 18.22.15    | Setup Labor Transaction          | reset.p             |
| 18.22.16    | Reject Transaction               | reject.p            |
| 18.22.17    | Rework Transaction               | rework.p            |
| 18.22.18    | Scrap Transaction                | rescrap.p           |
| 18.22.19    | Move Transaction                 | remove.p            |
| 18.22.20    | Down Time Transaction            | redt.p              |
| 18.22.21    | WIP Adjust Transaction           | rewadj.p            |
| 18.22.22    | Non-productive Labor Feedback    | renplf.p            |
| 18.22.23    | History Delete/Archive Menu ...  |                     |
| 18.22.23.1  | Operation History Delete/Archive | sfopup.p            |
| 18.22.23.2  | Cumulative Order Delete/Archive  | recwoup.p           |
| 18.22.24    | Repetitive Control               | rerepm.p            |
| 18.23       | History Delete/Archive Menu ...  |                     |
| 18.23.1     | Operation History Delete/Archive | sfopup.p            |
| 18.23.2     | Cumulative Order Delete/Archive  | recwoup.p           |
| 18.24       | Repetitive Control               | repm.p              |

## 19. Quality Management Menu

| <b>Menu</b> | <b>Menu Label</b>                | <b>Program Name</b> |
|-------------|----------------------------------|---------------------|
| 19.1        | Specifications Menu ...          |                     |
| 19.1.1      | Master Specification Maintenance | mpmpmt.p            |
| 19.1.2      | Master Specification Browse      | mpbr002.p           |
| 19.1.3      | Master Specification Report      | mpmprp.p            |
| 19.1.5      | Master Specification Copy        | mpmpcp.p            |
| 19.1.13     | Item Specification Maintenance   | mpitmt.p            |
| 19.1.14     | Item Specification Browse        | mpbr004.p           |
| 19.1.15     | Item Specification Report        | mpitrp.p            |
| 19.1.20     | Specification Where-Used Browse  | mpbr003.p           |
| 19.1.22     | Enable PCC Item Spec Maintenance | qcpnabl.p           |
| 19.2        | Procedures Menu ...              |                     |
| 19.2.1      | Procedure Maintenance            | qctsmt.p            |
| 19.2.2      | Procedure Browse                 | qcbr003.p           |

| <b>Menu</b> | <b>Menu Label</b>              | <b>Program Name</b> |
|-------------|--------------------------------|---------------------|
| 19.2.3      | Procedure Report               | qctsrp.p            |
| 19.3        | Inventory Sampling Menu ...    |                     |
| 19.3.1      | Sampling Pattern Maintenance   | qcsfmt.p            |
| 19.3.2      | Sampling Pattern Browse        | qcbr001.p           |
| 19.3.3      | Sampling Pattern Report        | qcsprp.p            |
| 19.3.13     | Sample by Expire Days Inquiry  | qclsq.p             |
| 19.3.14     | Sample by Lot Interval Inquiry | qclsq02.p           |
| 19.7        | Quality Order Maintenance      | qcwomt.p            |
| 19.8        | Quality Order Browse           | qcbr004.p           |
| 19.9        | Quality Order Report           | qcworp.p            |
| 19.11       | Quality Order Results Entry    | qcwoisrc.p          |
| 19.12       | Quality Order Results Report   | qcprfp.p            |
| 19.13       | Test Results Maintenance       | mptrmt.p            |
| 19.14       | Test Results Browse            | mpbr001.p           |
| 19.15       | Test Results Report            | mpcarp.p            |
| 19.20       | Certificate of Analysis Print  | mpcarp01.p          |
| 19.22       | Test Results Delete/Archive    | mpcaup.p            |
| 19.23       | Quality Order Delete/Archive   | qcqcup.p            |
| 19.24       | Quality Management Control     | qcqcpm.p            |

## 20. Product Line Plan Menu

| <b>Menu</b> | <b>Menu Label</b>             | <b>Program Name</b> |
|-------------|-------------------------------|---------------------|
| 20.1        | Product Line Plan Maintenance | plppmt.p            |
| 20.2        | Product Line Plan Inquiry     | plppiq.p            |
| 20.3        | Product Line Plan Report      | plpprp.p            |
| 20.5        | Shipments Plan Maintenance    | plppmt01.p          |
| 20.6        | Shipments Plan Inquiry        | plppiq01.p          |
| 20.7        | Shipments Plan Report         | plpprp01.p          |
| 20.9        | Orders Plan Maintenance       | plppmt02.p          |
| 20.10       | Orders Plan Inquiry           | plppiq02.p          |
| 20.11       | Orders Plan Report            | plpprp02.p          |
| 20.13       | Production Plan Maintenance   | plppmt03.p          |
| 20.14       | Production Plan Inquiry       | plppiq03.p          |

| <b>Menu</b> | <b>Menu Label</b>          | <b>Program Name</b> |
|-------------|----------------------------|---------------------|
| 20.15       | Production Plan Report     | plpprp03.p          |
| 20.17       | Inventory Plan Maintenance | plppmt04.p          |
| 20.18       | Inventory Plan Inquiry     | plppiq04.p          |
| 20.19       | Inventory Plan Report      | plpprp04.p          |
| 20.21       | Backlog Plan Maintenance   | plppmt05.p          |
| 20.22       | Backlog Plan Inquiry       | plppiq05.p          |
| 20.23       | Backlog Plan Report        | plpprp05.p          |

## 21. Resource Plan Menu

| <b>Menu</b> | <b>Menu Label</b>                  | <b>Program Name</b> |
|-------------|------------------------------------|---------------------|
| 21.1        | Resource Maintenance               | rprsmt.p            |
| 21.2        | Resource Browse                    | rpbr003.p           |
| 21.3        | Resource Report                    | rprsrp.p            |
| 21.5        | PL Resource Bill Maintenance       | rppqmt.p            |
| 21.6        | PL Resource Bill Browse            | rpbr001.p           |
| 21.7        | PL Resource Bill Report            | rppqrp.p            |
| 21.9        | PL Resource Load Summary Inquiry   | rprsiq03.p          |
| 21.10       | PL Resource Load Summary Report    | rprsrp03.p          |
| 21.11       | PL Resource Load Detail Inquiry    | rprsiq04.p          |
| 21.12       | PL Resource Load Detail Report     | rprsrp04.p          |
| 21.17       | Item Resource Bill Maintenance     | rprmt.p             |
| 21.18       | Item Resource Bill Browse          | rpbr002.p           |
| 21.19       | Item Resource Bill Report          | rprrrp.p            |
| 21.21       | Item Resource Load Summary Inquiry | rprsiq01.p          |
| 21.22       | Item Resource Load Summary Report  | rprsrp01.p          |
| 21.23       | Item Resource Load Detail Inquiry  | rprsiq02.p          |
| 21.24       | Item Resource Load Detail Report   | rprsrp02.p          |

## 22. Forecast/Master Plan Menu

| Menu    | Menu Label                        | Program Name |
|---------|-----------------------------------|--------------|
| 22.1    | Forecast Maintenance              | fcfsmt01.p   |
| 22.2    | Forecast Worksheet Maintenance    | fcfsmt.p     |
| 22.3    | Forecast Inquiry                  | fcfsiq.p     |
| 22.4    | Forecast Report                   | fcfsrp.p     |
| 22.7    | Forecast Simulation Menu ...      |              |
| 22.7.1  | Simulation Criteria Maintenance   | ffscmt.p     |
| 22.7.2  | Simulation Criteria Inquiry       | ffsciq.p     |
| 22.7.5  | Simulated Forecast Calculation    | ffcalc.p     |
| 22.7.7  | Detail Forecast Maintenance       | ffdfmt.p     |
| 22.7.8  | Detail Forecast Inquiry           | ffdfiq.p     |
| 22.7.9  | Detail Forecast Report            | ffdfrp.p     |
| 22.7.11 | Simulation To Simulation Copy     | ffsicp.p     |
| 22.7.12 | Single Item Simulation Copy       | ffptcp.p     |
| 22.7.13 | Simulation To Summarized Fcst     | ffsucp.p     |
| 22.7.17 | User Forecast Method Maintenance  | ffmthdmt.p   |
| 22.7.23 | Detail Forecast Delete/Archive    | ffdfup.p     |
| 22.9    | Seasonal Build Maintenance        | fcfcmt.p     |
| 22.10   | Seasonal Build Browse             | fcbr001.p    |
| 22.11   | Seasonal Build Report             | fcfcrp.p     |
| 22.12   | Seasonal Build MRP Utility        | fcfcmrp.p    |
| 22.13   | Master Schedule Order Maintenance | wowomt.p     |
| 22.14   | Master Schedule Order Browse      | msbr001.p    |
| 22.15   | Master Schedule Order Report      | msmsrp02.p   |
| 22.18   | Master Schedule Summary Inquiry   | msmsiq.p     |
| 22.19   | Master Schedule Summary Report    | msmsrp.p     |
| 22.21   | Master Schedule Detail Inquiry    | msmsiq01.p   |
| 22.22   | Master Schedule Detail Report     | msmsrp01.p   |

## 23. Material Requirements Plan Menu

| Menu  | Menu Label                        | Program Name |
|-------|-----------------------------------|--------------|
| 23.1  | Net Change Materials Plan         | mrmpnc.p     |
| 23.2  | Regenerate Materials Plan         | mrmpup.p     |
| 23.3  | Selective Materials Plan          | mrmprc.p     |
| 23.5  | Action Message Review/Update      | mroamt.p     |
| 23.6  | Action Message Browse             | drbr002.p    |
| 23.7  | Action Message Report             | mrmprp02.p   |
| 23.8  | Planned Repetitive Sched Approval | mrwoln.p     |
| 23.9  | Planned Order Browse              | mrbr001.p    |
| 23.10 | Planned Work Order Approval       | mrwoap.p     |
| 23.11 | Planned Purchase Order Approval   | mrprap.p     |
| 23.12 | Planned Order Report              | mrworpl1.p   |
| 23.13 | MRP Summary Inquiry               | mrmpiq.p     |
| 23.14 | MRP Summary Report                | mrmprpl1.p   |
| 23.16 | MRP Detail Inquiry                | mrmpiq01.p   |
| 23.17 | MRP Detail Report                 | mrmprp01.p   |
| 23.19 | Past Due Receipts Inquiry         | mrmpiq03.p   |
| 23.20 | Past Due Receipts Report          | mrmprp03.p   |
| 23.22 | Low Level Code Update             | mrllup01.p   |
| 23.24 | MRP Control                       | mrmrppm.p    |

## 24. Capacity Requirements Plan Menu

| Menu  | Menu Label                       | Program Name |
|-------|----------------------------------|--------------|
| 24.1  | Recalculate Capacity Plan        | crcrpup.p    |
| 24.4  | Input/Output Inquiry             | sfioiq.p     |
| 24.5  | Input/Output Report              | sfiorp.p     |
| 24.13 | Work Center Load Summary Inquiry | crwciq01.p   |
| 24.14 | Work Center Load Summary Report  | crwcrp01.p   |
| 24.16 | Work Center Load Detail Inquiry  | crwciq02.p   |
| 24.17 | Work Center Load Detail Report   | crwcrp02.p   |
| 24.19 | Department Load Summary Inquiry  | crdpiq01.p   |
| 24.20 | Department Load Summary Report   | crdprp01.p   |



| Menu  | Menu Label                     | Program Name |
|-------|--------------------------------|--------------|
| 24.22 | Department Load Detail Inquiry | crdpiq02.p   |
| 24.23 | Department Load Detail Report  | crdprp02.p   |

## 25. General Ledger Menu

| Menu     | Menu Label                      | Program Name |
|----------|---------------------------------|--------------|
| 25.1     | Current Entity Change           | glenchg.p    |
| 25.3     | General Ledger Setup Menu ...   |              |
| 25.3.1   | Entity Menu...                  |              |
| 25.3.1.1 | Entity Code Maintenance         | glenmt.p     |
| 25.3.1.2 | Entity Code Browse              | gpbr322.p    |
| 25.3.1.3 | Intercompany Accounts Inquiry   | glenaciq.p   |
| 25.3.1.4 | Intercompany Accounts Report    | glenacrp.p   |
| 25.3.3   | Entity Code Change              | glennew.p    |
| 25.3.4   | GL Calendar Maintenance         | gcalmt.p     |
| 25.3.5   | GL Calendar Browse              | glbr003.p    |
| 25.3.6   | GL Calendar Report              | gcalrp.p     |
| 25.3.7   | Format Position Maintenance     | glfmmt.p     |
| 25.3.8   | Format Position Browse          | gpbr324.p    |
| 25.3.9   | Format Position Report          | glfmrp.p     |
| 25.3.11  | Project Code Maintenance        | glpjmt.p     |
| 25.3.12  | Project Code Browse             | gpbr344.p    |
| 25.3.13  | Account Code Maintenance        | glacmt.p     |
| 25.3.14  | Account Code Browse             | gpbr309.p    |
| 25.3.15  | Account Code Report             | glacrp.p     |
| 25.3.17  | Sub-Account Code Maintenance    | glsbmt.p     |
| 25.3.18  | Sub-Account Code Browse         | gpbr351.p    |
| 25.3.20  | Cost Center Code Maintenance    | glccmt.p     |
| 25.3.21  | Cost Center Code Browse         | gpbr059.p    |
| 25.3.23  | Allocation Code Maintenance     | glalmt.p     |
| 25.3.24  | Allocation Code Report          | glalrp.p     |
| 25.5     | General Ledger Budgets Menu ... |              |
| 25.5.1   | Budget Maintenance              | glbgmt.p     |
| 25.5.2   | Budget Browse                   | glbr002.p    |

| <b>Menu</b> | <b>Menu Label</b>                         | <b>Program Name</b> |
|-------------|---|---------------------|
| 25.5.3      | Budget Report                             | glbgrp.p            |
| 25.5.5      | Budget Copy                               | glbgcpy.p           |
| 25.5.7      | Budget Calculation                        | glbgcalc.p          |
| 25.5.23     | Budget Delete                             | glbgdel.p           |
| 25.8        | Daybook Menu ...                          |                     |
| 25.8.1      | Daybook Maintenance                       | gldymt.p            |
| 25.8.2      | Daybook Browse                            | glbr016.p           |
| 25.8.4      | Default Daybook Maintenance               | gldydfmt.p          |
| 25.8.5      | Default Daybook Browse                    | glbr015.p           |
| 25.8.13     | Daybook Report Official                   | gldyrp01.p          |
| 25.8.14     | Daybook Report Trial                      | gldyrp02.p          |
| 25.8.16     | Central Daybook Report Official           | gldyrp03.p          |
| 25.8.17     | Central Daybook Report Trial              | gldyrp04.p          |
| 25.8.19     | Daybook GL Transaction Inquiry by Account | gldyiq1.p           |
| 25.8.20     | Daybook Transaction Register              | gldyreg.p           |
| 25.8.21     | Daybook Inquiry with Drill-Down           | gldyiq2.p           |
| 25.12       | Master Comment Maintenance                | gpcmmt.p            |
| 25.13       | General Ledger Transactions Menu ...      |                     |
| 25.13.1     | Standard Transaction Maintenance          | gltrmt.p            |
| 25.13.2     | Retroactive Transaction Maintenance       | glrtrmt.p           |
| 25.13.3     | Reversing Transaction Maintenance         | glrvmt.p            |
| 25.13.4     | Transaction Copy                          | glrccpy.p           |
| 25.13.5     | Year End Adjustment Transaction           | glyamt.p            |
| 25.13.7     | Transaction Post                          | gltrpst.p           |
| 25.13.9     | Foreign Exchange Revaluation              | glfxmt.p            |
| 25.13.11    | Transaction Consolidation                 | glcons.p            |
| 25.13.12    | Transaction Year-End Close                | glyrcl.p            |
| 25.13.13    | Unposted Transaction Inquiry              | glutriq.p           |
| 25.13.14    | Unposted Transaction Register             | glutrrp.p           |
| 25.13.17    | Account Balance Inquiry                   | glabiq.p            |
| 25.13.18    | Transaction by Account Inquiry            | gltriq1.p           |
| 25.13.19    | Transaction by Reference Inquiry          | gltriq.p            |
| 25.13.20    | Inquiry by Account with Drill-Down        | gltriq2.p           |

| <b>Menu</b> | <b>Menu Label</b>                        | <b>Program Name</b> |
|-------------|--|---------------------|
| 25.13.21    | Transaction Register                     | gltrrp.p            |
| 25.15       | General Ledger Reports Menu ...          |                     |
| 25.15.1     | Account Balance Summary                  | glabrp.p            |
| 25.15.2     | Account Balance Detail                   | gldabrp.p           |
| 25.15.4     | Trial Balance Summary                    | glbtrp.p            |
| 25.15.5     | Trial Balance Detail                     | gldbtrp.p           |
| 25.15.6     | Trial Balance Budget                     | glbtbrp.p           |
| 25.15.8     | Balance Sheet                            | glbsrp.p            |
| 25.15.9     | Balance Sheet Comparative                | glcbsrp.p           |
| 25.15.10    | GL Account Sheet Report                  | glacshrp.p          |
| 25.15.11    | GL Statement of Account                  | glacstrp.p          |
| 25.15.12    | Financial Statement Proforma             | glpfrp.p            |
| 25.15.13    | Income Statement                         | glinrp.p            |
| 25.15.14    | Income Statement Comparative             | glcinrp.p           |
| 25.15.15    | Income Statement 4 Column                | gl4inrp.p           |
| 25.15.16    | Income Statement 12-Column               | gl12inrp.p          |
| 25.15.18    | Cost Center Activity                     | glctrp.p            |
| 25.15.19    | Cost Center Activity Comparative         | glcctrp.p           |
| 25.15.21    | Project Activity Summary                 | glpjr.p             |
| 25.15.22    | Project Activity Detail                  | glpjr.p             |
| 25.15.23    | Project Activity Comparative             | glcpjr.p            |
| 25.17       | Custom Reports Menu ...                  |                     |
| 25.17.1     | Custom Report Format Maintenance         | glcrfmt.p           |
| 25.17.2     | Custom Report Format Browse              | gpbr328.p           |
| 25.17.4     | Custom Report Account Maintenance        | glcrmt.p            |
| 25.17.5     | Custom Report Account Browse             | glbr009.p           |
| 25.17.8     | Custom Report Copy                       | glrcpy.p            |
| 25.17.13    | Custom Report Print                      | glcrpp.p            |
| 25.19       | Transaction Import/Export Menu ...       |                     |
| 25.19.1     | Translation Exchange Rate Maintenance    | glexcmt.p           |
| 25.19.2     | Translation Exchange Rate Report         | glxcrp.p            |
| 25.19.4     | From-Account Cross-Reference Maintenance | glacxfmt.p          |
| 25.19.6     | Account Cross-Reference Report           | glacxrp.p           |

| <b>Menu</b> | <b>Menu Label</b>                | <b>Program Name</b> |
|-------------|----------------------------------|---------------------|
| 25.19.13    | Foreign Exchange Revaluation     | glfxmt.p            |
| 25.19.14    | Transaction Export               | gltrexp.p           |
| 25.19.15    | Transaction Import               | gltrimp.p           |
| 25.19.16    | Transaction Post                 | gltrpst.p           |
| 25.19.17    | Imported Transaction Revaluation | gltrrev.p           |
| 25.21       | GL Report Writer ...             |                     |
| 25.21.1     | Analysis Code Maintenance        | gracmt.p            |
| 25.21.2     | Analysis Code Inquiry            | graciq.p            |
| 25.21.3     | Where Used Inquiry               | grwuiq.p            |
| 25.21.5     | Row Group Maintenance            | grrgmt.p            |
| 25.21.7     | Column Group Maintenance         | grcgmt.p            |
| 25.21.9     | Report Maintenance               | grrxmt.p            |
| 25.21.12    | G/L Report Writer Utilities ...  |                     |
| 25.21.12.1  | Rounding Method Maintenance      | mgrndmt.p           |
| 25.21.12.2  | Rounding Method Browse           | adbr016.p           |
| 25.21.12.3  | Rounding Method Report           | mgrndrp.p           |
| 25.21.12.5  | Reporting Unit Code Maintenance  | grunitmt.p          |
| 25.21.12.6  | Reporting Unit Code Inquiry      | grunitiq.p          |
| 25.21.12.7  | Reporting Unit Code Report       | grunitrp.p          |
| 25.21.12.12 | User Language Detail Maintenance | mglngumt.p          |
| 25.21.12.13 | Rename Analysis Code             | gracut.p            |
| 25.21.12.15 | Modify Maintenance Security      | grmtsec.p           |
| 25.21.13    | Reports/Listings Menu ...        |                     |
| 25.21.13.1  | Analysis Code Listing            | gracrp.p            |
| 25.21.13.2  | Row Group Listing                | grrgrp.p            |
| 25.21.13.3  | Column Group Listing             | grcgrp.p            |
| 25.21.13.5  | Report Validation Listing        | grvalrp.p           |
| 25.21.13.6  | Report Content Listing           | grrcrp.p            |
| 25.21.13.7  | Report Exceptions Listing        | grxcrp.p            |
| 25.21.13.8  | Report Name Listing              | grrpnmrp.p          |
| 25.21.15    | Report Base Period Maintenance   | grrpermt.p          |
| 25.21.17    | Run Report                       | grrunrp.p           |
| 25.21.19    | Output Manager Menu ...          |                     |

| <b>Menu</b> | <b>Menu Label</b>        | <b>Program Name</b> |
|-------------|--------------------------|---------------------|
| 25.21.19.1  | Print Report Image       | gromrp.p            |
| 25.21.19.3  | Export Report Image      | gromex.p            |
| 25.21.19.5  | Page Number Inquiry      | grompgiq.p          |
| 25.21.19.13 | Report Output Filter     | gromsel.p           |
| 25.21.19.23 | Image Delete/Archive     | grgrup.p            |
| 25.21.21    | Synchronize G/L Data     | grsync.p            |
| 25.21.23    | Quarter Maintenance      | grqtrmt.p           |
| 25.21.24    | GL Report Writer Control | grgrpm.p            |
| 25.24       | General Ledger Control   | glcopm.p            |

## 26. Multiple Currency Menu

| <b>Menu</b>  | <b>Menu Label</b>                     | <b>Program Name</b> |
|--------------|---------------------------------------|---------------------|
| 26.1         | Currency Maintenance                  | mccumt.p            |
| 26.2         | Currency Browse                       | mcb002.p            |
| 26.4         | Exchange Rate Maintenance             | mcexrmt.p           |
| 26.5         | Exchange Rate Browse                  | mcb003.p            |
| 26.13        | Bank Maintenance                      | apbkmt.p            |
| 26.14        | Bank Browse                           | gpbr311.p           |
| 26.15        | Bank Report                           | apbkpr.p            |
| 26.19        | EMU Currency Maintenance              | mcmumt.p            |
| 26.20        | EMU Currency Browse                   | mcb004.p            |
| 26.21        | Euro Functionality Menu ...           |                     |
| 26.21.1      | Pre-Conversion Menu ...               |                     |
| 26.21.1.2    | Initial Euro Exchange Rate Copy       | etratcp.p           |
| 26.21.1.6    | AR EMU Revaluation                    | etarfxmt.p          |
| 26.21.1.7    | AP EMU Revaluation                    | etapfxmt.p          |
| 26.21.1.8    | GL EMU Revaluation                    | etglfxmt.p          |
| 26.21.1.9    | Imported Transactions EMU Revaluation | etglfimp.p          |
| 26.21.1.12   | Financial Integrity Checks Menu ...   |                     |
| 26.21.1.12.1 | GL Integrity Report                   | etinglrp.p          |
| 26.21.1.12.3 | AR Integrity Report                   | etinarrp.p          |
| 26.21.1.12.4 | AP Integrity Report                   | etinaprp.p          |
| 26.21.1.12.6 | PO Integrity Report                   | etinporp.p          |

| <b>Menu</b>   | <b>Menu Label</b>                   | <b>Program Name</b> |
|---------------|-------------------------------------|---------------------|
| 26.21.1.12.8  | Inventory Integrity Report          | etinirp.p           |
| 26.21.1.12.9  | WIP Integrity Report                | etinwirp.p          |
| 26.21.1.12.11 | Fixed Assets Integrity Report       | etinfarp.p          |
| 26.21.1.12.12 | Combined Integrity Checks           | etincbrp.p          |
| 26.21.1.12.13 | Trial Balance                       | gltrp.p             |
| 26.21.1.12.14 | Income Statement                    | glinrp.p            |
| 26.21.1.12.15 | Balance Sheet                       | glbsrp.p            |
| 26.21.1.12.16 | AR Aging as of Effective Date       | arcsrp05.p          |
| 26.21.1.12.17 | AP Aging as of Effective Date       | apvorp04.p          |
| 26.21.1.12.18 | Inventory Valuation as of Date      | ppptrp06.p          |
| 26.21.1.12.19 | Work Order WIP Cost Report          | woworp09.p          |
| 26.21.1.12.20 | AR Tax by Tax Rate Report           | txarrp01.p          |
| 26.21.1.12.21 | AP Tax by Tax Rate Report           | txaprp01.p          |
| 26.21.1.12.22 | Purchase Receipts Report            | poporp06.p          |
| 26.21.1.13    | Accounts Not To Convert Maintenance | etexacmt.p          |
| 26.21.1.14    | Accounts Not To Convert Report      | etexacrp.p          |
| 26.21.1.16    | Supplier Item Price Creation        | etsipc.p            |
| 26.21.1.18    | Count Program                       | etcoun.p            |
| 26.21.1.19    | Count and Estimate Report           | etcntrp.p           |
| 26.21.1.20    | Hash Total Report                   | ethashrp.p          |
| 26.21.1.23    | Conversion Checklist Report         | etvack.p            |
| 26.21.3       | Post-Conversion Menu ...            |                     |
| 26.21.3.1     | Financial Integrity Checks Menu ... |                     |
| 26.21.3.1.1   | GL Integrity Report                 | etinglrp.p          |
| 26.21.3.1.3   | AR Integrity Report                 | etinarrp.p          |
| 26.21.3.1.4   | AP Integrity Report                 | etinaprp.p          |
| 26.21.3.1.6   | PO Integrity Report                 | etinporp.p          |
| 26.21.3.1.8   | Inventory Integrity Report          | etinirp.p           |
| 26.21.3.1.9   | WIP Integrity Report                | etinwirp.p          |
| 26.21.3.1.11  | Fixed Assets Integrity Report       | etinfarp.p          |
| 26.21.3.1.12  | Combined Integrity Checks           | etincbrp.p          |
| 26.21.3.1.13  | Trial Balance                       | gltrp.p             |
| 26.21.3.1.14  | Income Statement                    | glinrp.p            |

| <b>Menu</b>  | <b>Menu Label</b>                | <b>Program Name</b> |
|--------------|----------------------------------|---------------------|
| 26.21.3.1.15 | Balance Sheet                    | glbsrp.p            |
| 26.21.3.1.16 | AR Aging as of Effective Date    | arcsrp05.p          |
| 26.21.3.1.17 | AP Aging as of Effective Date    | apvorp04.p          |
| 26.21.3.1.18 | Inventory Valuation Report       | ppptrp06.p          |
| 26.21.3.1.19 | Work Order WIP Cost Report       | woworp09.p          |
| 26.21.3.1.20 | AR Tax by Tax Rate Report        | txarrp01.p          |
| 26.21.3.1.21 | AP Tax by Tax Rate Report        | txaprp01.p          |
| 26.21.3.1.22 | Purchase Receipts Report         | poporp06.p          |
| 26.21.3.3    | Conversion Audit Trail           | etaudtrp.p          |
| 26.21.3.4    | GL Conversion Audit Trail        | etacaud.p           |
| 26.21.3.6    | Count Program                    | etcount.p           |
| 26.21.3.7    | Hash Total Report                | ethashrp.p          |
| 26.21.3.13   | Routing Cost Roll-Up             | rwroru.p            |
| 26.21.3.14   | Product Structure Cost Roll-Up   | bmcsrcu01.p         |
| 26.21.3.16   | WIP Revaluation                  | wocswip.p           |
| 26.21.3.18   | Sales Order Revaluation          | sosorv.p            |
| 26.21.3. 19  | Adjust Customer Balances         | utcsbal.p           |
| 26.21.3. 20  | Adjust Supplier Balances         | utvdbal.p           |
| 26.21.3.22   | GL Report Writer Synchronize     | grsync.p            |
| 26.21.3.23   | Budget Calculation               | glbgcalc.p          |
| 26.21.5      | Cust Second Currency Mass Update | etcmmaup.p          |
| 26.21.24     | Euro Functionality Control       | ettkpm.p            |

## 27. Accounts Receivable Menu

| <b>Menu</b> | <b>Menu Label</b>                 | <b>Program Name</b> |
|-------------|-----------------------------------|---------------------|
| 27.1        | DR/CR Memo Maintenance            | ardrmt.p            |
| 27.2        | DR/CR Memo Inquiry                | ardriq.p            |
| 27.3        | DR/CR Memo Register               | ardrrp.p            |
| 27.4        | DR/CR Memo Report                 | ardrrp01.p          |
| 27.6        | Customer Payments/Drafts Menu ... |                     |
| 27.6.1      | Bank Maintenance                  | apbkmt.p            |
| 27.6.2      | Bank Browse                       | gpbr311.p           |
| 27.6.4      | Payment Maintenance               | arpamt.p            |

| <b>Menu</b> | <b>Menu Label</b>                | <b>Program Name</b> |
|-------------|----------------------------------|---------------------|
| 27.6.5      | Payment Inquiry                  | arpaiq.p            |
| 27.6.6      | Payment Register                 | arparp.p            |
| 27.6.9      | Unapplied Payment Application    | arpamt01.p          |
| 27.6.10     | Payment Application Register     | arparp01.p          |
| 27.6.12     | PRO/PLUS Self-Billing Menu ...   |                     |
| 27.6.12.1   | Self-Bill Maintenance            | arsbmt.p            |
| 27.6.12.4   | Self-Bill Auto Create            | arsbac.p            |
| 27.6.12.7   | Self-Bill Payment Application    | arsbpap.p           |
| 27.6.12.8   | Self-Bill Payment Undo           | arsbpu.p            |
| 27.6.12.10  | Self-Bill Discrepancy Report     | arsbrp02.p          |
| 27.6.12.11  | Invoice/Memo AR Balance Report   | arsbrp03.p          |
| 27.6.12.13  | Self-Bill Report                 | arsbrp.p            |
| 27.6.12.15  | Shipment-Invoice Crossref Report | arsbsirp.p          |
| 27.6.12.23  | Self-Bill Delete/Archive         | arsbdel.p           |
| 27.6.12.24  | Self-Billing Control             | arsbpm.p            |
| 27.6.13     | Draft Maintenance                | dmdmmt.p            |
| 27.6.14     | Draft Inquiry                    | dmdmiq.p            |
| 27.6.15     | Draft Report                     | dmdmrp.p            |
| 27.6.16     | Draft Summary Register           | dmdmrp01.p          |
| 27.6.18     | Draft Print                      | dmdmprt.p           |
| 27.6.20     | Draft Approval                   | dmdmap.p            |
| 27.6.22     | Draft Discounting                | dmdisc.p            |
| 27.6.24     | Approved Draft Reversal          | dmaprv.p            |
| 27.8        | Customer Credit Inquiry          | arcsiq01.p          |
| 27.9        | Customer Credit Report           | arcsrp04.p          |
| 27.10       | Customer Credit Review/Update    | arcsup.p            |
| 27.11       | Customer Dunning Letter Print    | ardunrp.p           |
| 27.12       | Finance Charge Calculation       | arfinup.p           |
| 27.13       | Customer Account Inquiry         | arcsiq.p            |
| 27.14       | Customer Account Statement Print | arcsrp03.p          |
| 27.15       | DR/CR Memo Print                 | armorp.p            |
| 27.16       | AR Aging by Due Date Report      | arcsrp01.p          |
| 27.17       | AR Aging by Invoice Date Report  | arcsrp02.p          |



| Menu  | Menu Label                    | Program Name |
|-------|-------------------------------|--------------|
| 27.18 | AR Aging as of Effective Date | arcsrp05.p   |
| 27.19 | AR Batch Report               | arbarp.p     |
| 27.20 | AR Balance Report             | arcsrp.p     |
| 27.21 | AR-GL Transactions Report     | arglrp.p     |
| 27.22 | Invoice Numbering Report      | arivnbrp.p   |
| 27.23 | Closed AR Delete/Archive      | arrcup.p     |
| 27.24 | Accounts Receivable Control   | arpm.p       |

## 28. Accounts Payable Menu

| Menu    | Menu Label                        | Program Name |
|---------|-----------------------------------|--------------|
| 28.1    | Voucher Maintenance               | apvomt.p     |
| 28.2    | Voucher Inquiry                   | apvoiq.p     |
| 28.3    | Voucher Register Menu ...         |              |
| 28.3.1  | Voucher Register                  | apvorp.p     |
| 28.3.2  | Voucher Register by Assigned-To   | apvorpem.p   |
| 28.3.4  | Voucher Numbering Report          | apvonbrp.p   |
| 28.4    | Voucher Hold Inquiry              | apvoiq01.p   |
| 28.5    | Voucher Hold Report               | apvorp03.p   |
| 28.6    | Voucher Confirmation—Automatic    | apvoco01.p   |
| 28.7    | Voucher Confirmation—Manual       | apvoco.p     |
| 28.8    | Recurring Vouchers Menu ...       |              |
| 28.8.1  | Recurring Voucher Maintenance     | aprvmt.p     |
| 28.8.2  | Recurring Voucher Inquiry         | aprviq.p     |
| 28.8.4  | Recurring Voucher Release         | aprvvo.p     |
| 28.9    | Supplier Payments/Checks Menu ... |              |
| 28.9.1  | Bank Maintenance                  | apbkmt.p     |
| 28.9.2  | Bank Browse                       | gpbr311.p    |
| 28.9.3  | Bank Report                       | apbkrrp.p    |
| 28.9.4  | Payment Selection—Automatic       | appaup.p     |
| 28.9.5  | Payment Selection—Manual          | appaup01.p   |
| 28.9.6  | Payment Selection Register        | apparp.p     |
| 28.9.9  | Payment—Automatic Checks          | apckprt.p    |
| 28.9.10 | Payment—Manual Checks             | apmcmnt.p    |

| <b>Menu</b> | <b>Menu Label</b>                     | <b>Program Name</b> |
|-------------|---------------------------------------|---------------------|
| 28.9.11     | Payment Browse                        | apbr002.p           |
| 28.9.12     | Payment Register                      | apckrp.p            |
| 28.9.13     | Check Cancellation Maintenance        | apcrmt.p            |
| 28.9.15     | Check Void Maintenance                | apvcmt.p            |
| 28.9.17     | Check Status Report                   | apcrrp.p            |
| 28.9.18     | Draft Status Report                   | apdrtp.p            |
| 28.10       | ERS Menu ...                          |                     |
| 28.10.1     | ERS Maintenance                       | apersmt.p           |
| 28.10.2     | ERS Browse                            | apbr004.p           |
| 28.10.3     | ERS Report                            | apersrp.p           |
| 28.10.13    | ERS Processor                         | apersup.p           |
| 28.12       | Log Charge Pending Voucher Maint      | lapvomt.p           |
| 28.13       | Supplier Activity Inquiry             | apvniq.p            |
| 28.14       | Supplier Activity (1099) Report       | apckrp01.p          |
| 28.15       | Supplier Prepayment Inquiry           | apvniq01.p          |
| 28.17       | Accounts Payable Reports Menu...      |                     |
| 28.17.1     | Voucher/Standard Cost Variance Report | apicrp01.p          |
| 28.17.2     | Voucher/PO Cost Variance Report       | apicrp02.p          |
| 28.17.4     | AP Aging by Voucher Date Report       | apvorp02.p          |
| 28.17.5     | AP Aging by Due Date Report           | apvorp01.p          |
| 28.17.6     | AP Aging as of Effective Date         | apvorp04.p          |
| 28.17.8     | AP Batch Report                       | apbarp.p            |
| 28.17.10    | Unposted AP-GL Transactions Report    | apglrp.p            |
| 28.17.13    | Logistics Charge Variance Report      | laaprp01.p          |
| 28.17.14    | Uninvoiced Logistics Charges          | laaprp02.p          |
| 28.20       | 1099-MISC Menu ...                    |                     |
| 28.20.1     | 1099-MISC Report                      | ap1099rp.p          |
| 28.20.2     | 1099-MISC Form Print                  | ap1099pt.p          |
| 28.20.3     | 1099-MISC Magnetic Media Report       | ap1099mg.p          |
| 28.21       | Logistics Charge Delete/Archive       | aplaup.p            |
| 28.22       | Uninvoiced Receipt Delete/Archive     | aprcup.p            |
| 28.23       | Closed AP Delete/Archive              | aphtup.p            |
| 28.24       | Accounts Payable Control              | appm.p              |

## 30. Cost Management Menu

| Menu     | Menu Label                               | Program Name |
|----------|--|--------------|
| 30.1     | Cost Set Maintenance                     | csmsmt.p     |
| 30.2     | Cost Set Browse                          | csbr001.p    |
| 30.3     | Cost Set Copy to Cost Set                | cscscp01.p   |
| 30.6     | Item Cost Set Browse                     | ppbr002.p    |
| 30.9     | Cost Set to Site Assignment              | cssiup.p     |
| 30.10    | Site by Cost Set Browse                  | csbr003.p    |
| 30.11    | Cost Set by Site Browse                  | csbr004.p    |
| 30.13    | Cost Simulation Menu ...                 |              |
| 30.13.1  | Simulation Cost Element Maintenance      | sccemt.p     |
| 30.13.2  | Simulation Cost Element Browse           | scbr003.p    |
| 30.13.3  | Simulation Cost Element Report           | sccerp.p     |
| 30.13.5  | Simulation Item-Element Cost Maintenance | csptmt03.p   |
| 30.13.6  | Simulation Item-Element Cost Inquiry     | csptiq03.p   |
| 30.13.7  | Simulation Item-Element Cost Report      | csptrp03.p   |
| 30.13.8  | Simulation Item-Element Cost Update      | sctup.p      |
| 30.13.9  | Simulation Item-Element Cost Copy        | csptcp03.p   |
| 30.13.10 | Simulation Subcontract Cost Maintenance  | scopmt.p     |
| 30.13.11 | Simulation Subcontract Cost Browse       | scbr002.p    |
| 30.13.12 | Simulation Subcontract Cost Report       | scrp04.p     |
| 30.13.13 | Simulation Work Center Rate Maintenance  | scwcmnt.p    |
| 30.13.14 | Simulation Work Center Rate Browse       | scbr001.p    |
| 30.13.15 | Simulation Work Center Rate Report       | scrp03.p     |
| 30.13.16 | Simulation Work Center Rate Update       | scwcup.p     |
| 30.13.18 | Simulation Cost Rollup                   | scrору.p     |
| 30.13.19 | Simulation Structure Cost Rollup         | scsru01.p    |
| 30.13.21 | Simulation to Simulation Copy            | scsccp.p     |
| 30.13.22 | Simulation to WC/Routing Copy            | scsccp01.p   |
| 30.13.23 | Item/Routing to Simulation Copy          | scsccp02.p   |
| 30.15    | Cost Planning Menu ...                   |              |
| 30.15.1  | Cost Plan by Site Maintenance            | csplmt.p     |
| 30.15.2  | Cost Plan by Site Browse                 | csbr002.p    |
| 30.15.3  | Cost Plan by Site Update                 | csplup.p     |

| <b>Menu</b> | <b>Menu Label</b>              | <b>Program Name</b> |
|-------------|--------------------------------|---------------------|
| 30.17       | Cost Elements Menu ...         |                     |
| 30.17.1     | Cost Element Maintenance       | sccent01.p          |
| 30.17.2     | Cost Element Browse            | scbr004.p           |
| 30.17.3     | Cost Element Report            | sccerp01.p          |
| 30.17.4     | Cost Element Copy              | cssecp.p            |
| 30.17.5     | Item-Element Cost Maintenance  | csptmt13.p          |
| 30.17.6     | Item-Element Cost Inquiry      | csptiq13.p          |
| 30.17.7     | Item-Element Cost Report       | csptrp13.p          |
| 30.17.9     | Item-Element Cost Copy         | csptcp13.p          |
| 30.17.10    | Item-Element Cost Calculation  | ppbdov03.p          |
| 30.17.11    | Item-Element Cost Name Change  | cscecg.p            |
| 30.19       | Cost Category Translations     | sclngdmt.p          |
| 30.18       | Linked-Site Costing Menu...    |                     |
| 30.18.1     | Linked-Site Rules Maintenance  | clsrmt.p            |
| 30.18.2     | Linked-Site Rules Inquiry      | clsriq.p            |
| 30.18.3     | Linked-Site Item Browse        | csbr005.p           |
| 30.18.5     | Linked-Site Refresh Utility    | clsrup.p            |
| 30.20       | Cost Update from Cost Elements | csscup.p            |
| 30.21       | Cost Set Report                | scrp01.p            |
| 30.22       | Comparative Cost Set Report    | scrp05.p            |
| 30.23       | Cost Set Delete                | cscsdel.p           |

## 31. Cash Management Menu

| <b>Menu</b> | <b>Menu Label</b>               | <b>Program Name</b> |
|-------------|---------------------------------|---------------------|
| 31.1        | Cash Flow—Misc. Maintenance     | cmcfmmt.p           |
| 31.2        | Cash Flow—Misc. Browse          | cmbr001.p           |
| 31.3        | Cash Flow—Misc. Report          | cmcfmrp.p           |
| 31.5        | Cash Expected Date Maintenance  | cmcfxmt.p           |
| 31.8        | Cash Flow Projection Report     | cmpcfpr.p           |
| 31.13       | Cash Book Maintenance           | cmbkmt.p            |
| 31.14       | Cash Statement of Account Print | cmbkrp.p            |
| 31.24       | Cash Management Control         | cmcmppm.p           |

## 32. Fixed Assets Menu

| Menu    | Menu Label                       | Program Name |
|---------|----------------------------------|--------------|
| 32.1    | Fixed Asset Setup Menu ...       |              |
| 32.1.1  | Method Maintenance               | famtmt.p     |
| 32.1.2  | Method Report                    | famtrp.p     |
| 32.1.5  | Fixed Asset Calendar Maintenance | facalmt.p    |
| 32.1.6  | Fixed Asset Calendar Report      | facalrp.p    |
| 32.1.9  | Book Maintenance                 | fabkmt.p     |
| 32.1.10 | Book Browse                      | fabr012.p    |
| 32.1.13 | Location Maintenance             | falemt.p     |
| 32.1.14 | Location Report                  | falcrp.p     |
| 32.1.17 | Class Maintenance                | facldmt.p    |
| 32.1.18 | Class Report                     | facldrp.p    |
| 32.3    | Fixed Asset Maintenance          | fafamt.p     |
| 32.4    | Fixed Assets Browse              | fabr019.p    |
| 32.5    | Fixed Asset Report Menu ...      |              |
| 32.5.1  | Periodic Activity Report         | faparp.p     |
| 32.5.3  | Depreciation Adjustment Report   | faajrp.p     |
| 32.5.5  | Acquisition Report               | faaqrp.p     |
| 32.5.7  | Depreciation Expense Report      | faderp.p     |
| 32.5.9  | Asset Depreciation Array Report  | fadar.p      |
| 32.5.11 | Asset Owned Report               | faaorp.p     |
| 32.7    | Fixed Asset Batch Maintenance    | fabchmt.p    |
| 32.8    | Fixed Asset Batch Report         | fabchrp.p    |
| 32.11   | Fixed Asset Meter Maintenance    | famtrmt.p    |
| 32.12   | Fixed Asset Meter Report         | famtrrp.p    |
| 32.13   | Fixed Asset Transaction Post     | fapsmt.p     |
| 32.14   | Fixed Asset Transaction Void     | favdmt.p     |
| 32.16   | Fixed Asset Transfers            | fatrmt.p     |
| 32.17   | Fixed Asset Transfer Report      | fatrrp.p     |
| 32.19   | Fixed Asset Retirements          | fartmt.p     |
| 32.20   | Fixed Asset Retirement Report    | fartrp.p     |
| 32.23   | Retired Asset Delete/Archive     | fartup.p     |
| 32.24   | Fixed Asset Control              | fafapm.p     |

## 33. Enterprise Operations Plan

| Menu    | Menu Label                          | Program Name |
|---------|-------------------------------------|--------------|
| 33.1    | System Setup Menu ...               |              |
| 33.1.1  | GL Calendar Browse                  | glbr003.p    |
| 33.1.2  | GL Calendar Report                  | glcalrp.p    |
| 33.1.4  | Calendar Cross-Reference Build      | spglclmt.p   |
| 33.1.5  | Calendar Cross-Reference Inquiry    | spglcliq.p   |
| 33.1.24 | Operations Plan Control             | spspmm.p     |
| 33.3    | Family Setup Menu ...               |              |
| 33.3.1  | Family Hierarchy Maintenance        | spfhmt.p     |
| 33.3.2  | Family Hierarchy Inquiry            | spfhqi.p     |
| 33.3.3  | Family Hierarchy Report             | spfhrr.p     |
| 33.3.5  | Family Hierarchy Copy               | spfhcp.p     |
| 33.3.6  | Family Hierarchy Change             | spfhmc.p     |
| 33.3.8  | Family Hierarchy Where-Used Inquiry | spwuiq.p     |
| 33.3.13 | Family Item Cost Maintenance        | spfcmt.p     |
| 33.3.14 | Family Item Cost Inquiry            | spfcqi.p     |
| 33.3.15 | Family Item Cost Report             | spfcrr.p     |
| 33.3.23 | Family Hierarchy Delete/Archive     | spfhup.p     |
| 33.5    | Item Setup Menu ...                 |              |
| 33.5.1  | Weeks of Coverage Maintenance       | spptmt.p     |
| 33.5.2  | Weeks of Coverage Inquiry           | spptiq.p     |
| 33.5.3  | Weeks of Coverage Report            | spptrp.p     |
| 33.5.5  | Coverage by Date Maintenance        | spwksmt.p    |
| 33.5.6  | Coverage by Date Inquiry            | spwksiq.p    |
| 33.5.7  | Coverage by Date Report             | spwksrp.p    |
| 33.5.13 | Source Matrix Maintenance           | spsmmt.p     |
| 33.5.14 | Source Matrix Inquiry               | spsmiq.p     |
| 33.5.15 | Source Matrix Report                | spsmrp.p     |
| 33.5.17 | Line Allocation Maintenance         | splamt.p     |
| 33.5.18 | Line Allocation Inquiry             | splaiq.p     |
| 33.5.20 | Pallet Maintenance                  | sppalmt.p    |
| 33.5.21 | Pallet Inquiry                      | sppaliq.p    |
| 33.5.23 | Item Pallet Maintenance             | spptlmt.p    |

| <b>Menu</b> | <b>Menu Label</b>                   | <b>Program Name</b> |
|-------------|-------------------------------------|---------------------|
| 33.5.24     | Item Pallet Inquiry                 | spptliq.p           |
| 33.7        | Family Processing Menu ...          |                     |
| 33.7.1      | Global Consolidation                | sppncal.p           |
| 33.7.3      | Global Production Maintenance       | sppnmt.p            |
| 33.7.4      | Global Production Inquiry           | sppniq.p            |
| 33.7.5      | Global Production Report            | sppnrp.p            |
| 33.7.7      | Rollup Percentage Report            | spfhrrp01.p         |
| 33.7.13     | Family Plan Rollup                  | spfprl.p            |
| 33.7.14     | Family Plan Explosion               | spfhbd.p            |
| 33.7.16     | Profit Projection Report            | sppfrp.p            |
| 33.13       | Item-Site Consolidation Menu ...    |                     |
| 33.13.1     | Transaction Data Load               | sptrup.p            |
| 33.13.3     | Item-Site Data Maintenance          | spedimt.p           |
| 33.13.4     | Item-Site Data Inquiry              | spediiq.p           |
| 33.13.5     | Item-Site Data Report               | spedirp.p           |
| 33.13.6     | Item-Site Data Consolidation        | spitcvt.p           |
| 33.13.8     | Source Matrix Explosion             | spsmex.p            |
| 33.13.13    | Sales Data Maintenance              | spspmt.p            |
| 33.13.14    | Sales Data Inquiry                  | spspiq.p            |
| 33.13.15    | Sales Data Report                   | spsprp.p            |
| 33.13.17    | Inventory Data Maintenance          | spipmt.p            |
| 33.13.18    | Inventory Data Inquiry              | spipiq.p            |
| 33.13.19    | Inventory Data Report               | spiprp.p            |
| 33.13.21    | Production Data Maintenance         | spppmt.p            |
| 33.13.22    | Production Data Inquiry             | spppiq.p            |
| 33.13.23    | Production Data Report              | sppprp.p            |
| 33.15       | Enterprise Operations Plan Menu ... |                     |
| 33.15.1     | Operations Plan Maintenance         | spfpmt.p            |
| 33.15.2     | Operations Plan Inquiry             | spfpqi.p            |
| 33.15.3     | Operations Plan Summary Report      | spfprp09.p          |
| 33.15.4     | Operations Plan Detail Report       | spfprp04.p          |
| 33.15.6     | Operations Plan Line Maintenance    | spflmt.p            |
| 33.15.7     | Operations Plan Line Inquiry        | spfliq.p            |

| <b>Menu</b> | <b>Menu Label</b>                   | <b>Program Name</b> |
|-------------|-------------------------------------|---------------------|
| 33.15.9     | Line Utilization Maintenance        | splpmt.p            |
| 33.15.10    | Line Utilization Summary Report     | spflrp09.p          |
| 33.15.11    | Production Labor Inquiry            | spactiq.p           |
| 33.15.12    | Site Utilization Inquiry            | spflut.p            |
| 33.15.13    | Operations Plan Explosion           | spmrpex.p           |
| 33.15.14    | Operations Plan Approval            | spmrpud.p           |
| 33.15.15    | Operations Plan Batch Approval      | spmrpbp.p           |
| 33.15.17    | Balance Target Inventory and MRP    | spsbexrp.p          |
| 33.15.19    | Coverage Detail Report              | spcvdrp.p           |
| 33.15.20    | Coverage Summary Report             | spcvsrp.p           |
| 33.15.21    | Operations Plan Resource Inquiry    | sprsiq05.p          |
| 33.15.23    | Operations Plan Delete/Archive      | spfpup.p            |
| 33.17       | Simulation Plan Menu ...            |                     |
| 33.17.1     | Copy Plan To Simulation             | spfpcp01.p          |
| 33.17.3     | Copy Simulation to Plan             | spfpcp03.p          |
| 33.17.6     | Simulation Summary Report           | spfsrp09.p          |
| 33.17.7     | Simulation Detail Report            | spfsrp04.p          |
| 33.17.13    | Simulation Plan Maintenance         | spfsmt.p            |
| 33.17.14    | Simulation Plan Inquiry             | spfsiq.p            |
| 33.17.16    | Simulation Line Plan Maintenance    | splmt.p             |
| 33.17.17    | Simulation Line Plan Inquiry        | spfsliq.p           |
| 33.17.19    | Simulation Line Utility Maintenance | splsmt.p            |
| 33.17.20    | Simulation Line Utility Report      | splsrp09.p          |
| 33.17.23    | Simulation Delete/Archive           | spfspup.p           |
| 33.19       | Performance Measurement Menu ...    |                     |
| 33.19.1     | Sales Data Inquiry                  | spspiq.p            |
| 33.19.2     | Sales Data Report                   | spsrpr.p            |
| 33.19.4     | Inventory Data Inquiry              | spipiq.p            |
| 33.19.5     | Inventory Data Report               | spiprp.p            |
| 33.19.7     | Production Data Inquiry             | spppiq.p            |
| 33.19.8     | Production Data Report              | sppprp.p            |
| 33.19.13    | Performance Inquiry                 | spplat.p            |
| 33.19.14    | Performance Report                  | spplrp.p            |



## 35. EDI ECommerce Menu

| Menu       | Menu Label                           | Program Name |
|------------|--------------------------------------|--------------|
| 35         | EDI ECommerce Menu ...               |              |
| 35.1       | Document Import                      | edixsnf.p    |
| 35.4       | Document Export Menu ...             |              |
| 35.4.1     | Shipment ASN Export                  | edomasn.p    |
| 35.4.2     | Consignment Usage Export             | edomsi.p     |
| 35.4.3     | Invoice Export                       | edominv.p    |
| 35.4.4     | Purchase Order Ack. Maintenance      | edompoak.p   |
| 35.4.5     | Purchase Order Acknowledgment        | edomack.p    |
| 35.4.8     | Supplier Shipping Schedule           | edomsch.p    |
| 35.4.9     | Purchase Order Export                | edompo.p     |
| 35.4.11    | Supplier Self Billing Export         | edomvchr.p   |
| 35.4.13    | Inventory Cycle Count Export         | edomcyc.p    |
| 35.4.20    | Generic Gateway Export               | edomgngw.p   |
| 35.4.23    | Export Reprocessing                  | edoxrpr.p    |
| 35.7       | Session Report                       | edpsrp.p     |
| 35.9       | Import/Export Session Menu ...       |              |
| 35.9.1     | Exchange Doc Status Inquiry          | edxfsiq.p    |
| 35.9.2     | Exchange Doc Status Report           | edxfsrp.p    |
| 35.9.3     | Exchange Data Repository Maintenance | edxrmt.p     |
| 35.9.4     | Exchange Data Repository Inquiry     | edxriq.p     |
| 35.9.5     | Exchange Data Repository Report      | edxrrp.p     |
| 35.9.8     | MFG/PRO Doc Status Inquiry           | edmfsiq.p    |
| 35.9.9     | MFG/PRO Doc Status Report            | edmfsrp.p    |
| 35.9.10    | MFG/PRO Data Repository Maintenance  | edmfrmt.p    |
| 35.9.11    | MFG/PRO Data Repository Inquiry      | edmfriq.p    |
| 35.9.12    | MFG/PRO Data Repository Report       | edmfrrp.p    |
| 35.9.13    | Exchange-MFG/PRO Xref Browse         | edbr021.p    |
| 35.9.14    | Exchange-MFG/PRO Xref Report         | edrrrp.p     |
| 35.9.16    | Document Tracking Menu ...           |              |
| 35.9.16.1  | Document Tracking Maintenance        | eddrkmt.p    |
| 35.9.16.3  | Document Tracking Inquiry            | eddrkiq.p    |
| 35.9.16.13 | Document Tracking Archive/Delete     | eddtarch.p   |

| <b>Menu</b> | <b>Menu Label</b>                     | <b>Program Name</b> |
|-------------|---------------------------------------|---------------------|
| 35.9.17     | Turnaround Data Maintenance           | edtarmt.p           |
| 35.9.18     | Turnaround Data Browse                | edbr028.p           |
| 35.9.19     | Turnaround Data Report                | edtarrp.p           |
| 35.9.21     | Import Reprocessing                   | edixrpr.p           |
| 35.9.22     | Export Reprocessing                   | edoxrpr.p           |
| 35.13       | ECommerce Setup Menu ...              |                     |
| 35.13.1     | EC Subsystem Definition Maintenance   | edssmt.p            |
| 35.13.2     | EC Subsystem Report                   | edssrp.p            |
| 35.13.3     | EC Subsystem/Exchange Maintenance     | edsxmt.p            |
| 35.13.4     | EC Subsystem/Exchange Report          | edsxxrp.p           |
| 35.13.5     | EC Subsystem/MFG Maint                | edmxmt.p            |
| 35.13.6     | EC Subsystem/MFG Report               | edmxrp.p            |
| 35.13.7     | Trading Partner Maintenance           | edtrpmt.p           |
| 35.13.8     | Trading Partner Browse                | edbr024.p           |
| 35.13.9     | Trading Partner Report                | edtrrp.p            |
| 35.13.10    | Trading Partner Parameter Maintenance | edtpmmt.p           |
| 35.13.11    | Trading Partner Parameter Inq         | edtpmiq.p           |
| 35.13.12    | Trading Partner Parameter Report      | edtprrp.p           |
| 35.13.13    | Transmission Group Maintenance        | edtgmt.p            |
| 35.13.14    | Transmission Group Browse             | edbr027.p           |
| 35.13.15    | Transmission Group Report             | edgrp.p             |
| 35.13.16    | Data Cross-Reference Maintenance      | edxrefmt.p          |
| 35.13.17    | Data Cross-Reference Browse           | edbr022.p           |
| 35.13.18    | Data Cross-Reference Report           | edxrefrp.p          |
| 35.13.19    | HTTP Adapter Maintenance              | edhttpmt.p          |
| 35.13.20    | HTTP Adapter Report                   | edhttprp.p          |
| 35.13.21    | Data Validation Maintenance           | edvalmt.p           |
| 35.13.22    | Data Validation Browse                | edbr023.p           |
| 35.13.23    | Data Validation Report                | edvalrp.p           |
| 35.13.24    | ECommerce Control                     | edcpm.p             |
| 35.15       | Transformation Setup Menu ...         |                     |
| 35.15.1     | Exchange Definition Copy              | edxfcp.p            |
| 35.15.2     | MFG/PRO Definition Copy               | edmfcp.p            |

| <b>Menu</b> | <b>Menu Label</b>                     | <b>Program Name</b> |
|-------------|---------------------------------------|---------------------|
| 35.15.3     | Implementation Definition Copy        | edmicp.p            |
| 35.15.6     | Exchange Definition Maintenance       | edxfmt.p            |
| 35.15.7     | Exchange Definition Inquiry           | edxfiq.p            |
| 35.15.8     | Exchange Definition Report            | edxfrp.p            |
| 35.15.10    | MFG/PRO Definition Maintenance        | edmfmt.p            |
| 35.15.11    | MFG/PRO Definition Inquiry            | edmfiq.p            |
| 35.15.12    | MFG/PRO Definition Report             | edmfrp.p            |
| 35.15.13    | Implementation Definition Maintenance | edmimt.p            |
| 35.15.14    | Implementation Definition Inq         | edmiq.p             |
| 35.15.15    | Implementation Definition Report      | edmirp.p            |
| 35.15.17    | Transformation Definition Maintenance | edtrmt.p            |
| 35.15.18    | Transformation Definition Inq         | edtriq.p            |
| 35.15.19    | Transformation Definition Report      | edtrrp.p            |
| 35.15.21    | ECommerce Function Maintenance        | edtrfmt.p           |
| 35.15.22    | ECommerce Function Inquiry            | edtrfiq.p           |
| 35.15.23    | ECommerce Function Report             | edtrfrp.p           |
| 35.17       | ECommerce Utilities Menu ...          |                     |
| 35.17.1     | Transformation Definition Copy        | edtrcp.p            |
| 35.17.2     | ECommerce Function Copy               | edtrfcp.p           |
| 35.17.3     | Transformation ReNumber Utility       | edtrenm.p           |
| 35.17.5     | Export/Import Controller              | edioctrl.p          |
| 35.17.7     | Trading Partner Library Load          | edtpload.p          |
| 35.17.8     | Trading Partner Library Unload        | edtpdstr.p          |
| 35.17.13    | Inbound Delete/Archive                | edxfarch.p          |
| 35.17.14    | Outbound Delete/Archive               | edmfarch.p          |
| 35.17.15    | Comment Cross-Ref Archive/Delete      | edcmarch.p          |
| 35.17.16    | Turnaround Data Archive/Delete        | edtararc.p          |
| 35.17.24    | ECommerce Control                     | edcpm.p             |
| 35.22       | EMT Menu ...                          |                     |
| 35.22.1     | Manual Ack Resolution                 | edbtbmar.p          |
| 35.22.2     | Supplier Change Rejection Maintenance | edbtbscr.p          |
| 35.22.4     | Change Management Report              | edcmfrp.p           |
| 35.22.13    | ECommerce EMT Manager                 | edectrmg.p          |

| Menu     | Menu Label           | Program Name |
|----------|----------------------|--------------|
| 35.22.15 | PO Change Ack Export | edomackc.p   |
| 35.22.16 | PO Change Export     | edompoc.p    |

## 36. Manager Functions Menu

| Menu       | Menu Label                          | Program Name |
|------------|-------------------------------------|--------------|
| 36.1       | System/Account Control              | mgglpm.p     |
| 36.2       | System Constants Menu ...           |              |
| 36.2.1     | Holiday Maintenance                 | mgldmt.p     |
| 36.2.2     | Holiday Browse                      | mgbr017.p    |
| 36.2.5     | Calendar Maintenance                | mgscmt.p     |
| 36.2.6     | Calendar Inquiry                    | mgsciq.p     |
| 36.2.9     | Rounding Method Maintenance         | mgrndmt.p    |
| 36.2.10    | Rounding Method Browse              | adbr016.p    |
| 36.2.11    | Rounding Method Report              | mgrndrp.p    |
| 36.2.13    | Generalized Codes Maintenance       | mgcodemt.p   |
| 36.2.14    | Generalized Codes Browse            | mgbr004.p    |
| 36.2.15    | Generalized Codes Validation Report | mggenr.p     |
| 36.2.17    | Reason Codes Maintenance            | mgrnmt.p     |
| 36.2.18    | Reason Codes Browse                 | mgbr007.p    |
| 36.2.19    | Reason Codes Report                 | mgrnrp.p     |
| 36.2.21    | Number Ranges Menu ...              |              |
| 36.2.21.1  | Number Range Maintenance            | nrsqmt.p     |
| 36.2.21.2  | Sequence Browse                     | nrbr001.p    |
| 36.2.21.5  | Sequence Number Maintenance         | nrnxmt.p     |
| 36.2.21.13 | Sequence Number History Report      | nrsqrp.p     |
| 36.2.21.23 | Sequence Delete/Archive             | nrsqup.p     |
| 36.2.22    | Change Tracking Maintenance         | mgtblcmt.p   |
| 36.2.23    | Change Tracking Browse              | mgbr223.p    |
| 36.3       | System Security Menu ...            |              |
| 36.3.1     | Menu Security Maintenance           | mgpwm.p      |
| 36.3.2     | Menu Security Change                | mgpwcg.p     |
| 36.3.4     | Field Security Maintenance          | mgflpwm.p    |
| 36.3.5     | Activated Field Security Report     | mgflpwrp.p   |

| <b>Menu</b> | <b>Menu Label</b>                       | <b>Program Name</b> |
|-------------|---|---------------------|
| 36.3.6      | Dictionary Field Security Report        | mgfldcrp.p          |
| 36.3.7      | Field Security by Group                 | mgflgpmt.p          |
| 36.3.9      | GL Account Security Maintenance         | mgacsmt.p           |
| 36.3.10     | GL Account Security Report              | mgacsrp.p           |
| 36.3.11     | Inventory Movement Code Security        | sosimt.p            |
| 36.3.12     | Inventory Movement Code Security Browse | gpbr502.p           |
| 36.3.13     | Entity Security Maintenance             | glsecmt.p           |
| 36.3.14     | Entity Security Inquiry                 | glseciq.p           |
| 36.3.15     | Entity Security Report                  | glsecrp.p           |
| 36.3.16     | Site Security Maintenance               | clsismt.p           |
| 36.3.17     | Site Security Report                    | clsisrp.p           |
| 36.3.18     | User Maintenance                        | mgurmt.p            |
| 36.3.19     | User Browse                             | mubr010.p           |
| 36.3.20     | User Password Maintenance               | mgurmt.p            |
| 36.3.21     | Desktop Security Menu ...               |                     |
| 36.3.21.1   | Program Information Maintenance         | mgpgmimt.p          |
| 36.3.21.2   | Program Information Browse              | mubr060.p           |
| 36.3.21.3   | Rule Maintenance                        | mrulemt.p           |
| 36.3.21.4   | Rule Master Browse                      | mubr027.p           |
| 36.3.21.5   | Constant Maintenance                    | mgcnstmt.p          |
| 36.3.21.6   | Constant Master Browse                  | mubr058.p           |
| 36.3.21.7   | Profile Maintenance                     | mgprofmt.p          |
| 36.3.21.8   | Profile Master Browse                   | mubr057.p           |
| 36.3.21.9   | Profile Program Maintenance             | mgprpgmt.p          |
| 36.3.21.10  | Profile Program Browse                  | mubr035.p           |
| 36.3.21.11  | Profile Program Rule Maintenance        | mgpprlmt.p          |
| 36.3.21.12  | Profile Program Rule Browse             | mubr036.p           |
| 36.3.21.14  | Group Maintenance                       | mggrpmt.p           |
| 36.3.21.15  | Group Master Browse                     | mubr032.p           |
| 36.3.21.16  | Group Constants Value Maintenance       | mggrcnmt.p          |
| 36.3.21.17  | Group Constants Value Browse            | mubr034.p           |
| 36.3.21.18  | User Group Security Maintenance         | mgusrsmtp.p         |
| 36.3.21.20  | User Constants Value Maintenance        | mguscnmtp.p         |

| <b>Menu</b>   | <b>Menu Label</b>                  | <b>Program Name</b> |
|---------------|------------------------------------|---------------------|
| 36.3.21.21    | User Constants Value Browse        | mgbr029.p           |
| 36.3.21.23    | Reports and Utilities Menu ...     |                     |
| 36.3.21.23.1  | Profile Master Report              | mgprofrp.p          |
| 36.3.21.23.2  | Profile Where-Used Report          | mgpfwurp.p          |
| 36.3.21.23.3  | Profile Program Rule Report        | mgpflrp.p           |
| 36.3.21.23.4  | Profile User Report                | mgpfusrp.p          |
| 36.3.21.23.5  | Constant Master Report             | mgcnstrp.p          |
| 36.3.21.23.6  | Constant Where-Used Report         | mgcnwurp.p          |
| 36.3.21.23.7  | Group Master Report                | mggrprp.p           |
| 36.3.21.23.8  | Group Constants Value Report       | mggrcnrp.p          |
| 36.3.21.23.9  | Program Constant Report            | mgpgcnrp.p          |
| 36.3.21.23.10 | Rule Master Report                 | mgrulerp.p          |
| 36.3.21.23.11 | Rule Where-Used Report             | mgrlwurp.p          |
| 36.3.21.23.13 | User Constants Value Report        | mguscnrp.p          |
| 36.3.21.23.14 | User Profile Report                | mgusftrp.p          |
| 36.3.21.23.15 | User Profile Program Rule Report   | mguspprp.p          |
| 36.3.21.23.16 | Buffer Where-Used Inquiry          | mgbfwuiq.p          |
| 36.3.21.23.18 | Program Information Update         | mgpgmiut.p          |
| 36.3.21.23.19 | Profile Copy Utility               | mfgprofcp.p         |
| 36.3.21.23.21 | Browse UI Records Maintenance      | mgusrbmt.p          |
| 36.3.21.24    | Desktop Security Control           | mgsecpm.p           |
| 36.3.22       | User Access by Application Inquiry | lvusriq.p           |
| 36.3.24       | Security Control                   | mgurpmmt.p          |
| 36.4          | System Interface Menu ...          |                     |
| 36.4.1        | Language Code Maintenance          | mglmmt.p            |
| 36.4.3        | Language Detail Maintenance        | mglngumt.p          |
| 36.4.4        | Menu System Maintenance            | mgmemt.p            |
| 36.4.5        | Menu System Report                 | mgmerp.p            |
| 36.4.6        | Configured Message Maintenance     | mgcfmmt.p           |
| 36.4.7        | Message Maintenance                | mgmsgmt.p           |
| 36.4.8        | Message Browse                     | mgbr006.p           |
| 36.4.9        | Message Report                     | mgmsgrp.p           |
| 36.4.10       | Config Msg Verif Report            | rcrp14.p            |

| <b>Menu</b> | <b>Menu Label</b>                    | <b>Program Name</b> |
|-------------|--------------------------------------|---------------------|
| 36.4.11     | User Function Maintenance            | mgufmt.p            |
| 36.4.12     | User Function Browse                 | mgbr008.p           |
| 36.4.13     | Field Help Maintenance               | mgflhusr.p          |
| 36.4.14     | Field Help Report                    | mgflhdrp.p          |
| 36.4.15     | Field Help Book Report               | mgflbook.p          |
| 36.4.16     | Procedure Help Report                | mgflprrp.p          |
| 36.4.17     | Label Menu ...                       |                     |
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# Glossary

## A

**ABC Class.** A classification and ranking system based on annual dollar usage of inventory.

- Class A inventory items have the highest annual usage and receive the most attention.
- Class B items have lower annual usage and are controlled using reorder point.
- Class C items have the lowest annual usage. Inventory value is determined by annual usage, unit cost, lead time, space available for storage, and quality.

**Absorbed Tax.** A sales tax not passed on to the customer.

**Abstract Class.** A class with no instances. Abstract classes organize a class hierarchy or define methods and variables for subclasses. Also called virtual class.

**Accelerated Depreciation.** Depreciation methods that provide greater depreciation expense in the earlier years of an asset's economic life. Examples include declining-balance and sum-of-the-years'-digits methods.

**Accessory.** An additional, non-required component of a configured end product. For example, a CD player is an accessory for a car. Options and accessories can be organized in feature groups. See also *Option* and *Feature Group*.

**Account.** One component of an account number defined in GL setup functions. Other components of an account number are sub-account, cost center, and project. Accounts track company-wide assets, liabilities, equities, expenses, and revenues.

**Account Currency.** The currency used by a GL account.

**Accounting Period.** Economic cycle for which financial records are maintained; for example, a calendar year or a fiscal year.

**Accounts Payable.** Liabilities resulting from purchasing transactions.

**Accounts Payable Variance.** The difference between invoice price and purchase order cost. Calculated when the supplier invoice is vouchered in Accounts Payable.

**Accounts Receivable.** Financial claims resulting from sales transactions.

**Accrued Revenue.** In accrual-basis accounting, revenue is recorded in the period in which it is earned, regardless of whether cash is received in that period. Accrued revenue is a billing option for service contracts that are billed at the end of the service duration.

**Accumulated Expense Account.** A GL account used to track the amount of depreciation that has accumulated and been posted since the start of the depreciation calculation.

**Acquisition Cost.** The amount required to purchase a fixed asset.

**Action Message.** A system message usually created during MRP calculations to call attention to a current or potential problem and suggest corrective action.

**Active Schedule.** The supplier schedule currently in force. Only one schedule per order line item can be active at a time.

**Advance Ship Notice (ASN).** An electronic document derived from a shipper document and sent by a supplier to a customer when a shipment leaves the supplier site, informing the customer that the shipment is on the way. ASN formats are defined for various international standards; for example, an *856 Transaction Set* per ANSI ASC X12. An ASN takes the place of an invoice in some supplier-customer arrangements. See *Electronic Data Interchange (EDI)*.

**Advanced Planning and Scheduling (APS).** A type of planning and scheduling system that considers:

- Static item and resource data such as shop calendars, product structures, and routings
- Sources of supply and demand
- Multiple material and capacity constraints
- A set of predefined business objectives

Based on this data, the APS system determines the production schedule that best meets both the established resource constraints and the business objectives of the enterprise. See also *Finite Capacity Scheduling (FCS)* and *Optimized Schedule*.

**AETC.** See *Authorized Excess Transportation Code (AETC)*.

**AIAG.** Automotive Industry Action Group. A nonprofit trade association of North American vehicle manufacturers and suppliers.

**AICPA.** See *American Institute of Certified Public Accountants (AICPA)*.

**Algorithm.** A step-by-step problem-solving procedure.

**Allocation.** The act of reserving inventory for a specific purpose. Does not name specific inventory, and no physical movement of inventory takes place.

**Alpha Factor.** A smoothing factor used in forecast methods 03 and 04. Alpha closer to zero applies increasingly equal weight to all sales history. Alpha closer to one increasingly favors recent sales history.

**Alternate Routing.** A routing used instead of the primary routing. Results in an identical item.

**American Institute of Certified Public Accountants (AICPA).** Organization that establishes standards of financial accounting and reporting for the private sector.

**Amortization.** Some capital expenditures, primarily non-tangibles, can be amortized rather than depreciated. This method generally uses a straight-line method over a specific time period. Items that could be eligible for amortization include trademarks, certain start-up expenses, software, and other intangible assets.

**Analysis Code.** (1) For the GL Report Writer, identifies user-defined reporting hierarchies for grouping and linking GL elements of any of five segment types: entity, account, cost center, sub-account, and project. (2) A code used to group items or customers for pricing.

**ANSI.** American National Standards Institute, the United States organization responsible for approving National Standards and the parent organization of ASC X12. This group is the recognized coordinator and clearinghouse for information in the U.S. and, in some cases,

Canadian national business standards. It also serves as the North American representative to the International Organization of Standardization (ISO).

**Application.** A program addressing a specific business function.

**Applied Payments.** Payments made toward specific invoices, memos, or finance charges.

**Apportioning Method.** The method by which the total invoice amount from a third-party logistics supplier is allocated to individual line items on a purchase order.

**APS.** See *Advanced Planning and Scheduling (APS)*.

**As-Built Configuration.** Detailed information about the actual components making up a manufactured or configured item. Derived by examining the transaction history created by the work order on which the item is built. Can be used to update the installed base for service/support.

**ASCII.** American Standard Code for Information Interchange. Standard method for representing characters on computers.

**ASC X12.** American National Standards Institute Accredited Standards Committee X12. This committee develops and maintains U.S. generic standards for electronic data interchange. Generically, X12 refers to any of the standards that have been published by the ANSI ASC X12 committee as well as any of the industry-specific standards that are a subset of any ANSI X12 standard.

**ASN.** See *Advance Ship Notice (ASN)*.

**Assay.** A test of the physical and chemical properties of a sample.

**Assemble to Order (ATO).** To assemble an end item from stocked assemblies according to a customer order. ATO describes one type of configured product, which must be assembled on a final assembly work order. An ATO item is contrasted with a kit, which requires no assembly. See *Kit*.

**Assembly.** A group of components that, when put together, make up an end item or a higher level configuration.

**Assembly Items List.** A list of items and subassemblies used in manufacturing an assembly.

**Asset Account.** A GL account used to track the acquisition cost of a fixed asset.

**Asset Suspense Account.** A GL account used to track the remaining value of a fixed asset when it is disposed of.

**ATP.** See *Available to Promise (ATP)*.

**Attribute.** A property, such as a variable, encapsulated in a component. Properties define a component's appearance and state.

**AUTHNBR Unique Days.** Number of days an authorization number must remain unique, when authorization numbers are included in schedule requirement detail.

**Authorized Excess Transportation Code (AETC).** A shipping term consisting of a combination of reason code, responsibility code, and authorization code. The reason code usually indicates who is responsible—customer or supplier—for excess freight on a shipment.

**Available.** An inventory status that indicates to the system that items can be used to fill demand.

**Available Inventory.** On-hand inventory balance less allocations, backorders, and quantities held for quality problems. Often called beginning available balance.

**Available (Shift) Hours.** Number of weekly shift hours available for production. The system calculates shift hours based on holidays and the shift calendar or shop calendar.

**Available to Promise (ATP).** The uncommitted portion of inventory or planned production, maintained in the master schedule to support customer order promising. ATP quantity is the uncommitted inventory balance in the first period and is normally calculated for each period in which a Master Production Schedule (MPS) receipt is scheduled. In the first period, ATP equals on-hand inventory less customer orders due and overdue. In any period containing MPS scheduled receipts, ATP equals MPS minus customer orders for the period and all subsequent periods before the next MPS scheduled receipt. A negative ATP reduces prior period ATP.

**Available Work.** Work on hand and ready to be performed. Differs from scheduled work that may not yet be physically on hand.

**Average Costs.** A costing method that keeps a running average of an item's costs. A simple weighted average is used to track material and labor costs, while overhead is tracked as a standard cost. Each time a receipt is processed, the average cost of the item is recalculated and inventory is revalued. Also known as *normal costing*.

**Average Costs per Unit.** The total cost to produce a quantity of goods divided by the total number of units.

**Average Weeks of Coverage.** The factor specifying an item's desired global inventory coverage level. Affects either family plans or operations plans, depending on when you calculate target inventory levels. Used by plan calculations to determine target inventory levels based on sales forecasts.

**Averaging Interval.** The time unit used in calculating averages. A larger averaging interval causes the average to be less affected by large variations.

## B

**Back Scheduling.** A scheduling technique that begins with the due date for an order and works backward to determine the required start date and/or due dates for an operation.

**Backflush.** The automatic recording of component/raw material issues based on:

- The quantity of end items received, and
- The quantity per of the component from the end item's bill of material

Can be used for both work order and repetitive production, as well as shipping of kit configured items. Backflush quantity for a base process is used to calculate the issue (backflush) quantities for co-products and by-products.

**Backlog.** (1) All customer orders received but not shipped. Also known as open orders. (2) The difference between work input and output at a work center. Also known as *queue*.

**Backlog Plan.** Plan that includes projected number of open orders for a given product line at a given site in any month. Also records the actual number for comparison.



**Backorder.** An unfilled portion of an order or commitment. Represents an immediate (or past due) demand against an item where inventory is insufficient to satisfy demand.

**Balance Sheet.** A financial report showing what resources (assets and liabilities) the company has accumulated over time and current equity (Equity = Assets – Liability).

**Bar Code.** A series of alternating bars and spaces printed or stamped on parts, containers, labels, or other media representing encoded information that can be read electronically.

**BASDA.** Business and Accounting Software Developers Association. Recognized within the software development industry and various standards organizations as the authority on the introduction of the euro and its effects on accounting software packages.

**Base Currency.** The currency in which your company does business. It is specified in System/Account Control and used for recording all transactions.

**Base Currency Account.** An account denominated in the functional base currency of the database.

**Base Increase/Decrease.** A constant multiplier applied to monthly forecast quantities.

**Base Percent.** The portion of an item or trailer charge amount that is taxable.

**Base Process.** A process resulting in the production of co-products and by-products. Has an item master number and a BOM or formula code specifying the co-products and by-products. Components can be linked to it, but these are not required.

**Base Value.** The item price or cost.

**Basis.** See *Depreciable Basis*.

**Batch.** (1) A standard run or lot size, determined by container size, convention, line rates, and/or standard run length. (2) In Fixed Assets, a group of similar fixed assets added together into the system. Fixed-asset batches have no relation or similarity to batches used in other financial modules. (3) A group of transactions processed together.

**Batch Number.** (1) A number used for tracing groups of work orders through a batch-oriented process. (2) An ID for tracking a group of transactions processed together.

**Batch Processing.** A computer technique where transactions are accumulated and processed together.

**Batch Work Order.** A streamlined work order that does not yet have a bill or routing. Operations Plan Explosion generates work orders to satisfy end-item plan demands. For items defined as co-products, the explosion creates batch work orders (Status B) for the base process. When you change the work order status from B to F, the system generates firm planned work orders for the co-products and by-products associated with the base process. See *Firm Planned Work Order*.

**Before Image File.** The mechanism used for storing changes made to data in the database. It is primarily used to restore the internal integrity of the database if processing errors occur.

**Beginning Available Balance.** Available inventory.

**Best Fit Method.** Of the possible system-defined forecast methods (01-06), the best fit method calculates forecast using the other system-defined methods and chooses results with the least mean absolute deviation.

**Bill in Arrears.** To bill a customer for a service after it is performed.

**Bill of Labor.** See *Bill of Resources*.

**Bill of Lading (BOL).** Detailed breakdown of a shipment; for example, products shipped, total weight of product, and containers used for packing. Typically, this is a third-party carrier's contract and receipt for goods transported between two points and deliverable to a specified individual.

**Bill of Material (BOM).** A listing of all subassemblies, components, and raw materials of a parent assembly. Shows the quantity of each required to make one parent assembly. Also called a *product structure* or *formula*. Used with a master production schedule to determine items for which purchase requisitions and production orders must be released.

**Bill of Resources.** A list of key resources needed to manufacture one unit of a specified product. Shows the timing and duration of each resource relative to the due date of the product. Used with a master production schedule to determine the total load on each resource by time period. Also known as *bill of labor* or *product load profile*.

**Billable.** Charges incurred that are to be invoiced.

**Blanket Purchase Order.** A long-term commitment to a supplier for products, against which short-term releases are generated to satisfy requirements. When needed, a release is made against the blanket order, resulting in a purchase order.

**Blending.** The process of physically mixing two or more lots of material to produce a homogeneous lot.

**Blow-Through.** A product structure coding and structuring technique used primarily for phantom (non-stocked) subassemblies. Permits MRP logic to bypass a phantom item to

determine requirements for the phantom item's components. Usually retains the ability to net against occasional inventories of the phantom item. See *Phantom*.

**BOL.** See *Bill of Lading (BOL)*.

**BOM.** See *Bill of Material (BOM)*.

**BOM Code.** A code uniquely identifying a product structure or formula.

**BOM Explosion.** Demand for components of a parent item calculated by multiplying parent item requirements by component usage quantity specified in a bill of material.

**BOM Type.** A code specifying the type of BOM and routing to be used on a preventive maintenance schedule associated with a contract.

**Book Inventory.** An accounting definition of inventory units and/or value obtained from perpetual inventory records rather than by actual count.

**Book Service Date.** The service date used for calculating depreciation.

**Bottleneck.** Any facility, department, or work center delaying production. Usually a work center where work orders arrive faster than they leave.

**Browse.** A screen containing information already entered into the system. Drill-down browses let you filter, sort, graph, or print information. Look-up browses let you display selected data and choose a value to use.

**Bucket.** A system in which information is accumulated into time periods such as weekly or monthly.

**Bucketless System.** A system where time-phased data is processed, stored, and displayed using dated records rather than defined time buckets.

**Burden Cost.** A variable overhead cost that varies with an item's manufacturing time. Cannot be directly related to individual products. Examples are heating, rent, and maintenance.

**Burden Rate.** A cost, usually in dollars per hour, normally added to the cost of every standard production hour to cover overhead expenses.

**Business Unit.** Any supplying or manufacturing organization in a supply chain that uses Enterprise Material Transfer functionality. Also called *entity*. See also, *Primary Business Unit (PBU)* and *Secondary Business Unit (SBU)*.

**Buyer.** The individual responsible for purchasing. Buyer duties include vendor selection, negotiation, order placement, follow-up; evaluation of new materials, processes, or vendor performance; and value analyses.

**By-product.** A product that is an incidental result of a process and usually has little sales value. Recyclable products and waste products are types of by-products.

## C

**Calendar Days.** All days of the year, workdays and non-workdays. Typically used to schedule purchase order due dates.

**Call.** Any type of contact generating a service response.

**Call Activity Recording (CAR).** The recording of actual time, materials, and expenses consumed in handling a call.

**Call Escalation.** The automatic forwarding of calls not resolved within a certain time.

**Call Invoice Recording (CIR).** The generation of pending invoices based on activity managed in Call Activity Recording.

**Call Management.** Processes and tools for managing the solution of a service contact.

**Capacity.** The maximum work load for a work center, machine, and so on.

**Capacity Management.** The establishing, measuring, monitoring, and adjusting of capacity levels for the long, medium, and short range. Determines the resources required to meet production schedules. Includes resource planning, capacity requirements planning, and input/output control.

**Capacity Requirements Plan (CRP).** The determination of labor and machine resources required to accomplish the tasks of production. Used for medium-range capacity management to determine and then provide the resources required to meet detailed item schedules established by MRP.

**Capped Tax.** A tax having a maximum amount. For example, tax is assessed only on the first \$700.00 of the transaction amount.

**CAR.** See *Call Activity Recording (CAR)*.

**Carrier.** A business entity responsible for the transportation of goods

**Carrying Cost.** Costs involved in storing and maintaining inventory. Includes invested capital invested, taxes, insurance, obsolescence, and spoilage. Carrying cost is usually represented as a percent of the value per unit of time, usually one year.

**Category.** An item classification created by the user.

**Cellular Manufacturing.** A manufacturing process that produces families of items within a single line or cell of machines operated by machinists who work only within the line or cell.

**Change Management Records.** Records that track pending changes made to EMT sales orders during their life cycle. When a change is accepted or rejected, the record is deleted.

**Changeover.** The refitting of equipment to neutralize the effects of just-completed production, or to prepare for production of the next scheduled item.

**Character User Interface.** MFG/PRO interface that displays only keyboard characters on the screen rather than icons and forms. Sometimes abbreviated as CUI or CHUI.

**Charge Code.** (1) In a service context, a code used to determine payment responsibility for work recorded against a call. Usually, a single charge code is defined for warranty, contract, covered, giveaway, billable, and fixed billable. Sometimes an additional charge code is defined for a particular project or service. (2) In Logistics Accounting, charge codes represent logistics charges incurred and payable to a third-party supplier when purchasing or shipping items.

**Charge Product Line.** The product line used to provide non-sales related general ledger account numbers for the cost of activity recorded against a call.

**Charge Type.** A code corresponding to a service type defined in RMA/RTS Control that enables you to modify the level of service provided for individual line items on an RMA.

**CHUI.** See *Character User Interface*.

**CIM.** See *Computer Integrated Manufacturing (CIM)*.

**CIM Data Loading.** An automated process for importing data, usually from non-MFG/PRO databases. CIM load emulates entering data through the user interface (UI) and performs all UI validations.

**CIM Interface.** A program that imports transaction data from an external file or system and loads it into MFG/PRO.

**CIR.** See *Call Invoice Recording (CIR)*.

**Class.** In Fixed Assets, classes group fixed assets with common characteristics such as:

- GL accounts
- Depreciation books
- Service lives for calculating depreciation
- Depreciation methods

**Closed Loop MRP.** A system for production planning, control, and execution built around MRP, in which all functions are included in the system and all provide feedback to keep the resulting production plan valid. The plan is then executed using MRP, shop floor control, and purchasing. See *Manufacturing Resource Planning (MRP II)*.

**Closed Work Order.** A work order for which products have been received into inventory and there are no outstanding component requirements or labor time tickets.

**Closing Rate Method.** A method used to translate financial statements. The closing rate method translates all assets and liabilities with the closing exchange rate effective at the time of reporting. This approach is based on the view that a foreign subsidiary is a unit separate from the domestic parent company.

**Code.** A unique combination of letters and/or numbers identifying a specific record.

**COGS.** See *Cost of Goods Sold (COGS)*.

**Column Group.** A set of user-defined columns that identify the data, period, and calculations used when the column group is added to a report in the GL Report Writer.

**Column Type.** An attribute of a column in a column group. Values are:

- **Actual.** Actual posted amounts are included in the column.
- **Budget.** Budgeted amounts are included. A budget code is specified to indicate the budget for extraction.
- **Calculation.** The column performs calculations on other columns or cells.

**Component.** (1) Raw material, part or subassembly that goes into a higher level assembly, compound, or other item. Manufacturing plants use component information to determine how much of each material is required to assemble an item. (2) In Fixed Assets, a component is part of a fixed asset if the asset contains more than one item. For example, a computer is a fixed asset that contains three components: the mouse, keyboard, and CPU.

**Composite Lead Time.** See *Cumulative Lead Time*.

**Compound Interest.** Interest on accumulated unpaid interest and on the original principal.

**Computer Integrated Manufacturing (CIM).** An electronic bridge networking separate computer systems into a coherent, integrated whole.

**Concurrent Session.** An individual MFG/PRO session that was launched against an MFG/PRO database at the customer site and uses MFG/PRO application software. Contrast with *Named User or Location*.

**Configured Messaging.** The process in which a system message is tied to a program name and a user-determined error severity level.

**Configured Product.** A product in which different end-item combinations can be made from a relatively small number of assembly options.

**Consignment.** Describes the process of a supplier placing material at a customer location without receiving payment until after the goods are used or sold.

**Consolidated Entity.** A separate entity that consolidates the financial results of a company and its subsidiaries. The only accounting activities that occur in this entity are parent consolidation entries, subsidiary consolidation entries, and consolidation adjustments. Entries made in the consolidated entity are not pushed back to the operating entities

**Consolidation.** The addition of the accounting records for two or more business units, subject to rules dictated by accounting practice and legislation. Translation is necessary when the business units are in different base currencies.

**Consolidation Entry.** An unposted GL entry created in the consolidated entity. The consolidation entry imports the financial period activity of the subsidiary and parent entities to the consolidated entity and translates the data according to either the closing rate method or temporal rate method.

**Construction in Process Account.** A GL account used to track the purchase cost of a fixed asset.

**Consuming Destination.** The point of usage for a kanban-controlled item.

**Container.** A packing item used to hold goods and subsets of other containers such as a box, pallet, rack, or trailer.

**Container ID.** A unique number assigned by the system to a specific container for a specific shipment.

**Containerization.** A shipment method in which commodities are placed in containers, and, after initial loading, are not rehandled until unloaded at the destination.

**Contract Billing.** The process of creating a customer invoice based on an agreed-upon price for contract coverage.

**Control Accounts.** An account that takes the place of individual accounts after they are moved to the sub-ledger. It shows the debits and credits in summary form. The debits and credits can be found in detail in the sub-ledger. When sub-ledgers are used, each amount is posted twice: once to the sub-ledger and once to the general ledger control account. The sum of the individual account balances in the sub-ledger should be equal to the balance in the GL control account.

**Control Programs.** Programs defining how processing takes place within the system. Can be as simple as maintaining the next customer number or as complex as defining product allocation rules. Should be initialized before using any module in the system.

**Control Record Structures.** In EDI ECommerce, EC subsystem-dependent exchange file definitions indicating:

- How exchange file records are identified during import or created during export.
- Which record in the exchange file and which positions in the record contain the trading partner and trading partner document IDs retrieved during import or created during export.

**Controlled Substances.** A set of control and reporting functions for monitoring compliance with regulatory agency requirements.

**Controlling Hierarchy.** In the GL Report Writer, an analysis code used to produce a full iteration of a report definition for each node in a hierarchy.

**Conventions.** A method for averaging depreciation in the first and last year of a fixed asset's life. This is required because assets are not always acquired on the first day of the year or disposed of on the last day of the year. The system supports the following conventions:

- Full Period
- Half Period
- Next Period
- Full Quarter
- Half Quarter
- Full Year
- Half Year
- Modified Half Year Version 1
- Modified Half Year Version 2

**Co-product.** A product that is the intended result of a base process, and which typically has sales value. The primary difference between co-products and by-products is that MRP plans a base process to satisfy demand for co-products, but not for by-products.

**Copy Code.** Used with analysis codes by the GL Report Writer to copy a defined item, row group, or column group. Allows for efficient setup of new records.

**Correction of Accounting (COA) Operation.** A method commonly used in Central and Eastern Europe in which balancing entries are used to reverse previous debit and credit activity. Preferred in some countries because it provides a clear view of how debit and credit activity is affected by corrections.

**Cost.** See *Acquisition Cost*.

**Cost Allocation.** A method for assigning costs to co-products.

- When using standard costs, enter co-product allocation percentages in Co/By-Product Maintenance (15.12.1).
- When using average and last costs, co-product allocation percent is determined by the allocation method selected in Average Cost Method Maintenance (15.12.5).

**Cost Center.** Optional component of an account number defined in GL setup functions. Other components of an account number are account, sub-account, and project code. Cost centers provide additional detail on GL reports and are used with budgets.

**Cost of Goods Account.** The general ledger account used to record costs of products shipped to a customer.

**Cost of Goods Sold (COGS).** Material cost of items sold. Usually does not include labor.

**Costed Product Structure.** An indented list of raw materials, items, and subassemblies making up a parent assembly, with required quantities and costs for each item. The cost of each item is multiplied by the quantity required to give total cost for the parent assembly.

**Coverage.** The amount of a service price for which the service provider is responsible.

**Credit Terms.** Payment codes designating due dates, early payment discounts, and interest for customers and suppliers.

**Criteria Template.** A group of variables used to characterize a forecast calculation.

**Critical Path.** The shortest length of time required to manufacture a product.

**Critical Ratio.** A calculation used by dispatching to set priorities. Calculated by dividing the time remaining until the due date by the time remaining to complete the work

order. A ratio of 1 means the work order is on time. Less than 1 means the order is late. Greater than 1 means the order is ahead of schedule.

**CRP.** See *Capacity Requirements Plan (CRP)*.

**CUI.** See *Character User Interface*.

**Cum Start.** Cumulative Start Date. The date a scheduled order shipment began accumulating quantities.

**Cumulative Accounting.** A method of tracking shipments and receipts in which trading partners maintain running totals of required and shipped/received quantities.

**Cumulative Lead Time.** The longest possible length of time it takes to have an item/product available if you start today with no components in stock or production. For any item planned through MRP, lead time is found by reviewing the lead time for each bill of material path below the item, and taking the largest time.

**Cumulative Manufacturing Lead Time.** The cumulative planned lead time when all purchased items are assumed to be in stock.

**Cumulative Order.** An order accumulating costs of repetitive production. Can be entered manually, or created by the system whenever repetitive feedback is entered for an item and site.

**Currency Code.** A code that identifies monetary units and forms the basis of exchange rate relationships. Each database has one base currency, but you can specify foreign currencies during sales, purchasing, service, and accounting transactions.

**Currency Conversion.** Restating a monetary amount in a different currency. Also known as currency translation.

**Currency Translation.** Restating a monetary amount in a different currency. Also known as currency conversion.

**Current Exchange Rate.** The exchange rate in effect at reporting or transaction time, which is used to convert the amount from the transaction currency to the base currency.

**Custodian.** Employees responsible for tracking the location of fixed assets.

**Custom Table.** Depreciation tables used as a substitute for the standard depreciation methods when calculating depreciation. Depreciation is calculated by specifying a depreciation factor for each period and year of the asset's life.

**Customer Order.** A request for a product or a number of products to be delivered by a specified date. Often referred to as an actual demand, as distinct from a forecast demand.

**Customer Schedule.** A cumulative, schedule-driven sales order from a customer with multiple line items from which releases of shipments are issued.

**Customer Services.** A set of functions including the Project Realization Management module, used for creating and managing installation projects, and the Service/Support Management module, used to track activities related to after-market service.

**Cycle.** (1) The interval of time during which a system or process, such as a seasonal demand or a manufacturing operation, periodically returns to similar initial conditions. (2) The interval of time when an event or set of events is completed.

**Cycle Counting.** A physical inventory technique where inventories are counted on a periodic basis rather than once a year. Can be taken when an item reaches its reorder point, when new stock is received, or on a regular

basis. High-value, fast-moving stock is generally counted more frequently than low-value, slow-moving items. The most effective cycle counting systems require counting of a certain number of items each workday.

## D

**Data File.** An organized set of data records in a computer system.

**Data Item.** The smallest element of data in a database.

**Data Record.** A collection of related data items.

**Data Record Structures.** The records comprising each electronic business document implemented in EDI ECommerce in a standards neutral format (SNF). These record definitions are used for both the exchange files and the document repository.

**Data Retrieval Code.** In GL Report Writer, either an analysis code or a basic GL item (account, sub-account, and so on) used to extract data from GL tables. Used in data rows, actual or budget columns, and in report records. A set of data retrieval codes, including one of each GL type, constitutes a query specification.

**Database.** A collection of logically related tables and records. Each database can have only one base currency, GL calendar, and chart of accounts. When a multiple database environment is established, distributed functionality enables planning and execution across databases.

**Date-Driven Segment.** A displayed value in an NRM numbering sequence that depends on the transaction effective date or the fiscal period corresponding to the effective date. The effective date is supplied by the program using



**NRM.** The format is a compound string that allows for optional display of date components (year, month, week, day), including delimiters between components; for example, 06:15:97. Each sequence can have one date-driven segment, or none, but not more than one

**Daybooks.** Also known as journals. Method of grouping GL transactions for satisfying legal reporting requirements or for organizing GL reporting in a manner consistent with common business practices. Multiple daybooks can exist at any time. Transactions can be grouped in daybooks by transaction type and transaction-document type.

**DEA.** U.S. Drug Enforcement Agency.

**Debit and Credit Separation.** Users can view debit and credit activity separately in the GL by running Account Balance Inquiry (25.13.17), Account Balance Detail (25.15.2), and reports generated by GL Report Writer (25.21).

**Declining Balance Switch to Straight Line.** A declining-balance method that switches to the straight-line method when the depreciation calculated by straight-line is greater than the depreciation calculated by the declining-balance method. This method fully depreciates the asset.

**Declining-Balance Method.** An accelerated depreciation method that provides higher depreciation charges in the earlier years of asset life and lower depreciation charges in the later years. The annual depreciation is calculated by using a constant depreciation percentage rate and multiplying it by the remaining net book value each year of the asset's service life. This method does not depreciate an asset to zero.

**Default.** Information used or action taken by the system if a user does not specify different information.

**Deferred Revenue.** In deferred accounting, collected revenue is held in a deferred account and is posted periodically. Deferred revenue is a billing option for service contracts that are billed at the beginning of the service duration.

**Delivery Schedule.** The required and agreed time or rate of delivery of goods or services purchased for a future period.

**Demand.** A need for a product or a component. Can come from a customer order, forecast, and so on.

**Demand Pattern.** Seasonal pattern of demand such as summer, fall, Christmas.

**Demand Pull.** The triggering of material movement to a work center only when that work center is ready to begin the next job.

**Denomination.** A denomination of a currency is a way of expressing that currency, while retaining its link with the originating currency. For example, during the transition to the euro, the French franc was considered a denomination of the euro.

**Departments.** A grouping of work centers for reporting, planning, and accounting. Every work center must belong to exactly one department. CRP calculates capacity and load by department. Labor, burden, and cost of production are tracked in the general ledger by department.

**Dependent Demand.** (1) Calculated demand, not forecast, for component items and raw materials that are directly related to production of higher level assemblies or end products. (2) In operations planning, refers to end-item demands exploded from a family plan. For example, a family consists of end items A (25% of family forecast) and B (75%). If the family forecast is 100 cases, the dependent demand is 25 cases of A and 75 of B.

**Depreciable Asset.** Tangible item of value used by a business to produce income that uses depreciation to allocate its cost to periods in its service life.

**Depreciable Basis.** Value used for calculating depreciation as the depreciation base. The depreciable basis is the fixed-asset acquisition cost minus any salvage value.

**Depreciation.** The allocation of a fixed asset's cost to periods in its service life. The system supports the following depreciation methods:

- Straight Line
- Declining Balance
- Sum of the Years' Digits
- Flat Rate
- Units of Production
- Custom Table

**Depreciation Book.** Book used for tracking a fixed asset's depreciation. It can be the posting book that posts to the GL.

**Depreciation Convention.** See *Conventions*.

**Derived Cross-Rates.** An exchange rate that is derived from one or two other exchange rates.

**Derived Exchange Rate.** An exchange rate derived from the established rates of two different currencies and a common third currency, such as a union currency.

**Desktop.** An interface that lets users access MFG/PRO using a Web browser. The Desktop is designed for use over a company intranet or wide-area network.

**Detail Allocation.** The act of reserving exact items of inventory at a specific location by specifying lot and/or serial numbers, expiration dates, sites and/or locations.

**Device.** Any piece of hardware available to the computer, such as a disk or a printer.

**Direct Delivery.** One of two possible delivery methods using Enterprise Material Transfer (EMT). The supplier delivers goods directly to the end customer, bypassing the ordering entity. The other is *Transshipment*.

**Direct Exchange Rate.** An exchange rate explicitly defined between two currencies.

**Direct Labor.** Labor specifically applied to a product being manufactured or utilized in the performance of a service.

**Direct Payments.** Cash, checks, and wire transfers sent by a customer.

**Disassembly.** Decomposition, separation, or processing of an item into parts, pieces, or subunits that consist of co-products and by-products. An example is the processing of meat and poultry.

**Disbursement.** Physical issuance and reporting of the movement of raw material, components, or other items from a storage room or warehouse.

**Discount at Invoice.** A practice in which tax is based on sales or purchase amount minus credit terms discounts. Discounts at invoice are calculated at order entry.

**Discount at Payment.** A practice in which tax is based on sales or purchase amount minus credit terms discounts actually taken. Discounts at payment are calculated when payments are received or generated.

**Discrete.** Constituting a separate, distinct item.

**Discrete Order Quantity.** An order quantity that represents an integer number of periods of demand. See also *Lot for Lot (LFL)*.

**Dispatch List.** (1) A listing of all manufacturing orders by priority. Contains information on priority, location, quantity, and capacity requirements of an order by operation.

Usually generated daily and sorted by work center. (2) In kanban environments, a list used to move empty containers back to a supply source. See *Kanban Dispatch List*.

**Dispatcher.** The individual who assigns calls to engineers. If paging is used, can notify an engineer of an incoming call.

**Disposition Date.** Date of permanent removal of a depreciable asset from income producing activity. This is often referred to as the *Retirement Date*.

**Disposition Reason.** Reason for disposal of an asset and required input at time of disposal. Reasons include sold, stolen, destroyed, donated, and impaired.

**Distribution Items.** Typically, items that one site supplies to another site.

**Distribution Requirements Planning (DRP).** The balancing of supply and demand for items transferred between sites by calculating item requirements, creating planned orders, and managing shipment schedules and transportation.

**Distribution Resource Planning.** The extension of distribution requirements planning into the planning of the key resources contained in a distribution system: warehouse space, work force, money, trucks, freight cars.

**Dock.** An adjunct to customer ship-to sites. Multiple docks are possible per ship-to. The dock is assigned in the customer schedule setup process.

**Document Format.** The specific printable data and form layout of a document associated with a business transaction, such as a shipment. May be dictated by locale, reason for transaction, legal requirements, or common business practice.

**Document Repository.** A set of tables containing all electronic business documents exchanged with trading partners using EDI ECommerce. This intermediate repository holds trading partner documents and allows them to be formatted into a state acceptable for gateway processing during import. It also allows for the consolidation of all required trading partner document data during the export process.

**Document Type.** A category identifying the type of business transaction that a printed document describes. Valid document types include shippers, invoices, credit notices, and material receivers.

**Document Type Definition (DTD).** A specification that accompanies an XML document and identifies the specific functions of the XML markup. See also *Extensible Markup Language (XML)*.

**Downtime.** Any time when a resource scheduled for operation is not producing.

**Draft.** A promise to pay on a certain date. Similar to a promissory note.

**Drill Down.** A browse program attached to a particular field, such as the Customer field. Drill downs display records in the database and let you filter, sort, and graph data. You use such programs to find needed data. For example, use a drill-down browse to determine the number of a customer whose name you remember.

**Drop Shipment.** A distribution arrangement where the seller serves as a selling agent by collecting orders without maintaining inventories. The manufacturer then ships orders directly to customers.

**DRP.** See *Distribution Requirements Planning (DRP)*.

**DTD.** See *Document Type Definition (DTD)*.

**Dual Pricing.** Allows various financial documents, such as sales orders and invoices, to be expressed in two currencies. The second currency is for informational purposes only.

**Due Date.** (1) Work order: The date a product is available for issue to a shop or shipment to a customer. (2) Purchase order: The date a product is due to arrive from a vendor. (3) Sales order: The date an order is due to ship.

**Dunning Letter.** A letter sent to a customer showing all open accounts receivable transactions that meet selection criteria. Severity of language in each letter sent typically increases with the length of time an AR item is unpaid.

**Dunning Level.** Code used to determine the appropriate dunning letter to issue a customer. Tracks the number of letters that have been sent to a customer and the number of times each AR item has been listed in the letters.

**Dynamic Unpeg.** The process in which peg quantities are unpegged from unconfirmed shippers and pegged to ship lines on newly created shippers for the same order line number.

## E

**EC.** See *Electronic Commerce (EC)*

**EC Subsystem.** Electronic commerce subsystem. Includes the software and hardware components required for EDI ECommerce to exchange electronic business documents with trading partners. The software components of an EC subsystem commonly include data communications, document mapping and translation, and document management features such as acknowledgment, reconciliation, and archiving.

**ECCN.** Export Control Classification Number.

**ECN.** See *Engineering Change Notice (ECN)*.

**Economic Order Quantity (EOQ).** A demand rate calculation used to balance total inventory costs against order costs. A type of fixed-order quantity used to determine the optimal amount of an item to be purchased or manufactured at one time. The purpose of the calculation is to minimize combined costs of acquiring and carrying inventory.

**EDI.** See *Electronic Data Interchange (EDI)*.

**EDI ECommerce.** The EDI component of MFG/PRO.

**EDIFACT.** Electronic Data Interchange for Administration, Commerce, and Transport. Generally used to refer to the set of international standards that were developed to enable EDI among businesses located in North America, Europe, and other geographic regions. In 1987, the EDIFACT syntax proposals were accepted by the ISO Technical Board and the number ISO 9735 was allotted. These standards are application, communications medium, and machine-independent.

**EEC.** European Economic Community.

**Effective Date.** (1) The date when a component or an operation is to be added or removed from a bill of material or assembly process. (2) Used in the explosion process to create demands for correct items. Normally, bill of material and routing systems provide for an effectivity *start date* and *stop date*, for each relationship. Can be controlled by serial number rather than date. (3) The first date to be used by a transaction. Also known as As Of Date or GL Effective Date. (4) The date used to select tax rates and price lists for a transaction.

**Effectivity Date.** See *Effective Date*.

**Efficiency.** The relationship between planned standard time and actual time charged to a task. Calculated by dividing standard hours earned by actual direct labor hours. May be more than 100%.

**Electronic Business Document.** A business document, such as a purchase order or invoice, represented in a machine-interpretable format defined according to international, national, industry, or proprietary standards.

**Electronic Commerce (EC).** The use of computer and telecommunication technologies to conduct business.

**Electronic Data Interchange (EDI).** An international protocol for electronically transmitting documents such as purchase orders, supplier schedules, sales orders, customer schedules, invoices, and advance ship notices (ASNs) between trading partners. Also used by EMT to transfer messages between business units.

**Elimination Entries.** Adjustments made in the consolidating entity to support the concept that the parent company and its subsidiaries are viewed as a single economic entity. These adjustments eliminate any problems caused by transactions that have occurred between the two separate legal entities.

**EMT.** See *Enterprise Material Transfer (EMT)*.

**EMU.** See *European Monetary Union (EMU)*.

**End Item.** An item that is a final product in itself, for which an order or independent requirement exists. Can be a component of a different end item. Also called a parent item. In the item master table, designated by Purchase/Manufacture codes blank, M, P, D, L, and W.

**End User.** A person who normally uses an item, requests maintenance for it, and reports problems. Each sold-to customer can have many end users.

**Ending Year.** The last year of historical sales data analyzed by a forecast calculation.

**End-Item Planning.** Operations planning for end items. Typically performed in the short- to medium-term horizon (zero to six months). Used to optimize global target inventory and production levels, and to develop production schedules for supply sites and production lines. For this, operations plans are developed and maintained for every end item.

**Engineer.** In customer service functions, an individual who provides labor required to complete a project or resolve a support call.

**Engineer Schedule.** A list indicating when an engineer is available to take calls. Includes days and hours worked, and availability on holidays. An engineer can work from a master schedule or an individual schedule.

**Engineering Change Notice (ECN).** A document tracking revision to a product structure, item list, or drawing authorized by an engineering department. Usually has a control number and a stated reason, such as safety or cost reduction. Must be reviewed and agreed upon by all affected departments.

**Enterprise Material Transfer (EMT).** The automatic translation of sales orders or material orders into purchase orders and transmission to the appropriate supplier using EDI ECommerce. EMT also manages and coordinates changes so that SO (or MO) and PO information are synchronized. Multi-level EMT manages orders across multiple levels within an organization. Order changes made at the top or bottom of the hierarchy are transmitted up or down to the next level.

**Entity.** (1) An independent unit for financial reporting purposes. An entity generates a separate balance sheet and income statement, plans budgets, and is assessed for taxes. All GL transactions are posted by entity. The primary

entity is the default entity for GL transactions. There is no limit to the number of entities in a database. (2) In relation to database architecture, an entity is a single person, place, or thing about which data can be stored.

**Entity Relationship.** A data modeling technique that creates a graphical representation of the entities, and the relationships between entities, within an information system.

**EOQ.** See *Economic Order Quantity (EOQ)*.

**ERS.** See *Evaluated Receipts Settlement (ERS)*.

**EU.** See *European Union (EU)*.

**Euro.** The new European currency that replaced all of the existing national currencies of participating member countries in the European Monetary Union at the start of 1999.

**Euro Transparency.** Concept that the euro can be accepted in place of a EMU national currency, and any EMU national currency can be accepted in place of the euro. Applies only during the transition period while the national currency is considered a denomination of the euro.

**European Monetary Union (EMU).** A subset of EU countries that have replaced their national currencies with a single currency, the euro. Consists of: Austria, Belgium, Finland, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain.

The remaining EU countries (Denmark, Greece, Sweden, and the United Kingdom) have not yet replaced their national currencies with the euro. With the exception of Greece, which does not meet the selection criteria, these countries have decided not to participate in the initial phase of the single European currency program.

**European Union (EU).** The economic integration of European countries under a single macroeconomic and fiscal policy.

**Evaluated Receipts Settlement (ERS).**

Method of recording a pending payment to a supplier without a supplier invoice. Liabilities to a supplier are recorded automatically, based on quantities received at the unit price established by you and the supplier in purchase order agreements.

**Exception Message.** See *Action Message*.

**Exception Reports.** A report listing only items that deviate from the plan.

**Exchange Files.** Data files containing electronic business documents passed between the EC subsystem and EDI ECommerce. These files are comprised of the control record structures defined by the EC subsystem and the data record structures defined by ECommerce.

**Exchange Rate.** The rate at which money of one country can be exchanged for money of another country.

**Exchange Rate Gain/Loss.** The amount that the base currency value of an asset or liability, denominated in a foreign currency, has increased or decreased due to a fluctuation of exchange rates over time. There are two types of exchange rate gains and losses: unrealized and realized.

**Expediter.** The production control person in charge of expediting.

**Expediting.** Rushing a work or purchase order through a production system to reduce normal lead time.

**Expense.** A non-inventory item consumed during service of a call or execution of a project. Examples include meals and travel costs for an engineer or technician.

**Explode.** Demand for components of a parent item calculated by multiplying parent item requirements by component usage quantity specified in a bill of material.

**Explosion.** See *Explode*.

**Exponential Smoothing.** A forecasting technique using a weighted moving average to give the most recent sales data more weight. Should not be used for seasonal items.

**Export.** To electronically render or disseminate information in a form other programs can use.

**Extensible Markup Language (XML).** A markup language that describes data. EDI ECommerce can map documents to and from XML.

**External Sequence.** An NRM sequence number that is always supplied externally, typically entered by a user and validated by NRM. Never generated by the system. NRM verifies that the number belongs to the set defined by the sequence and that it has not yet been used.

**External Setup.** The elements of a setup procedure performed while a process is running.

**External Warehouse.** A customer warehouse where inventory is kept.

## F

**Fab Auth Days.** Fabrication authorization days. The time period or authorization horizon during which a customer authorizes a supplier to fabricate items.

**Fab Qty.** Fabrication quantity. The maximum quantity of an item a customer authorizes you to produce in anticipation of the customer's scheduled demand.

**Fabrication Authorization.** Communication of a customer to a supplier authorizing them to fabricate items through a specified time period. Acts as the customer's agreement to pay for all items fabricated within the authorization horizon.

**Family.** A group of end items whose similarity of design and manufacture facilitates aggregate planning and evaluation of sales performance and/or cost.

**Family Hierarchy.** A record defining the nature of demand relationships for a product family. Defines end items and subfamilies, and percentage of total family sales forecast contributed by each. Also identifies marketing sites that generate sales forecasts. Resembles product structures (bills of material).

**Family Item.** A planning item used with family-level operations. Identifies groups of similar items differentiated only by size, color, packaging, or other minor characteristics. Has an item Purchase/Manufacture code of F.

**Family Plan.** An operations plan showing a family item's sales forecasts, target inventory levels, and production demands for a planning horizon. Can be viewed from global and site levels.

**Family-Level Planning.** Operations planning for family items. Typically performed in the long- to medium-term horizon (six months to three years). Used to project long-term labor, equipment, and financial commitments, and to develop long-term material procurement plans for negotiations with strategic suppliers.

**FAS.** See *Final Assembly Schedule (FAS)*.

**FASB.** See *Financial Accounting Standards Board (FASB)*

**FCS.** See *Finite Capacity Scheduling (FCS)*.

**FDA.** U.S. Food and Drug Administration.

**Feature Group.** In configured products, a way of organizing a set of related options and accessories. See also *Accessory* and *Option*.

**Field.** A single piece of electronic information such as a quantity or item number. One or more fields make up a record.

**Field Notification.** The alerting of end users to a product defect. SSM provides a number of related utilities for use in managing product recalls.

**Field Replaceable Unit (FRU).** A unit or component that can be replaced during a service visit. Useful to a dispatcher or service engineer in helping to determine how a service call is to be handled.

**Field Service.** The organization providing service at end-user sites, in contrast to service centers that repair products from their own facilities. Also called field operations.

**FIFO.** First In, First Out. A method of inventory valuation that assumes inventory received first is used first. An accounting method only, and not necessarily related to actual physical movements of items or materials.

**File.** See *Data File*.

**Filter.** A method for narrowing the data to be displayed in browses. For example, you may want to display item records in product line 1500 only. A filter lets you do this by entering selection criteria.

**Final Assembly Schedule (FAS).** A schedule used in assemble-to-order environments. The master production schedule (MPS) schedules options, models, and accessories. The FAS schedules product assembly. Quantities on the FAS cannot exceed quantities on the MPS. In an FAS system, order entry must be fully integrated.

**Financial Accounting Standards Board (FASB).** Organization that establishes standards of financial accounting and reporting for the private sector.

**Financial Integrity Checks.** Automatic cross-checks that verify the integrity of related data elements in your database. The most common relationship checked is between total and detail amounts, where the sum of the details should equal the total amount.

**Financial Transaction.** Any transaction posted to the general ledger that affects ending account balances.

**Finished Goods.** See *End Item*.

**Finished Products Inventories.** Items for which all manufacturing operations, including final tests, are complete. Available for shipment to customers as either end items or repair parts.

**Finite Capacity Scheduling (FCS).** A scheduling technique used by advanced planning and scheduling (APS) systems that simultaneously takes into account material and capacity constraints when generating a supply schedule. This is in contrast with standard material requirements planning (MRP) scheduling techniques, which assume infinite capacity for all resources when scheduling orders.

**Firm Days.** The number of days in a schedule firm interval. The schedule firm interval begins with the first day of a schedule release.

**Firm Planned Work Order.** A planned order frozen in quantity and time that cannot be changed by MRP. Can only be changed by the planner.

**Fixed Asset.** Tangible item of value used by a business to produce income.



**Fixed Exchange Rate.** An exchange rate that cannot be changed between the time an order is negotiated and the time its invoice is paid.

**Fixed Order Quantity (FOQ).** A demand rate lot sizing rule where a fixed quantity must be ordered. Although order quantity is predetermined, the time period is variable. For example, 250 items is the fixed order quantity, but can be ordered once a week or once a month.

**Fixed Price.** (1) In SSM, used to denote an item repaired or serviced with a preset price, regardless of costs involved. (2) In other order functions such as sales and purchases, determines whether prices are fixed or subject to update due to inflation or commodity pricing. Prices not fixed are subject to batch update based on changes in price lists.

**Fixed Value Segment.** Any printable character (except commas) used as part of an NRM sequence; for example, NY. Remains unchanged once established.

**Flat-Rate Method.** Depreciation method that calculates depreciation by using a constant percentage and multiplying it by the depreciable basis over the asset's service life until the sum of the depreciation is greater than the basis amount. At this time, the final year of depreciation is adjusted so that the total of depreciation equals the basis amount.

**Flex Fence.** In flow scheduling, a percentage of the current schedule used as a tolerance to determine whether future schedule requirements are within a reasonable range of the current schedule.

**Floor Stock.** Inexpensive, easily replenished components such as screws, usually stocked on a factory floor and used as needed, without requisitions.

**Flow Schedule.** In lean manufacturing, a time-phased statement of item production requirements for a specific flow production line at a given site, which may be associated with existing work orders and demand orders.

**FOB.** See *Free on Board (FOB)*.

**Focused Factory.** A plant that produces a limited number of products and/or employs a limited number of processes.

**Follow-Up.** Monitoring of a work order's progress to see if operations are performed and materials are received on schedule.

**FOQ.** See *Fixed Order Quantity (FOQ)*.

**Forecast.** An estimate of future demand for an item at a particular site, stated in terms of quantity per week. Enables you to purchase or manufacture necessary products in appropriate quantities in advance. Created by mathematical means using historical data.

**Forecast Horizon.** The time period covered by a forecast.

**Forecast Interval.** See *Forecast Period*.

**Forecast Method.** Statistical techniques used to calculate forecast. Identified by a two-digit number. Methods 01-06 are predefined by the system.

**Forecast Period.** The time unit for forecasts, typically weeks, months, quarters, or years.

**Forecast Year.** The year for which a forecast is calculated.

**Forecasting.** A business function that attempts to predict sales and use of products so they can be purchased or manufactured in appropriate quantities in advance.

**Foreign Currency.** Any currency other than the system base currency used by an entity in a transaction.

**Foreign Currency Account.** A GL account denominated in a foreign currency. Transaction currency amounts are held in the foreign currency specified.

**Foreign Currency Transaction.** Any transaction denominated in a currency other than the base currency.

**Format Positions.** The headings for displaying and totaling groups of related accounts on income statements and balance sheets. Also determine the order in which GL accounts appear. Associated with either an income statement or a balance sheet, but not both.

**Formula.** Expression of ingredient usage as a quantity per batch or percent of batch. Can also include processing instructions and ingredient sequencing directions.

**Forward Scheduling.** A technique for scheduling work order operations forward from an order release date to a date when more capacity is available.

**Four-Wall Location.** Location within an MFG/PRO site representing the external warehouse. See *External Warehouse*.

**Frame.** An area of an MFG/PRO screen containing fields and surrounded by a border. Usually fields in a frame are for similar data.

**Free on Board (FOB).** Terms of a sale that identify when title passes from a seller to a buyer, and who pays shipping.

**FRU.** See *Field Replaceable Unit (FRU)*.

**Full Pegging.** The ability of a system to automatically trace requirements for a given component up to its ultimate end item, customer, or contract number.

**Full-Period Convention.** Depreciation convention in which a full-period depreciation is calculated for the first period of the asset's life. No depreciation is calculated for the last period of the asset's life. Depreciation is calculated as if the asset was put into and taken out of service the first day of the month.

**Full-Quarter Convention.** Depreciation convention in which a full-quarter depreciation is calculated for the first quarter of the asset's life. No depreciation is calculated for the last quarter of the asset's life.

**Full-Year Convention.** Depreciation convention in which a full-year depreciation is taken regardless of the period that the asset was put into service. No depreciation is calculated for the last year of the asset's life.

**Function Key.** A key located above the alphabetic keyboard to which functions can be assigned. For example, in MFG/PRO for Windows, F1 invokes field help.

## G

**GAAP.** See *Generally Accepted Accounting Principles (GAAP)*.

**Gain on Disposal Account.** A GL account used to track gains from fixed-asset disposal.

**Gateway Program.** A program that either loads data into the MFG/PRO database from an outside source—such as a text file or an external application—or extracts data from the database for transmittal to an outside destination.

**GATT.** General Agreement on Tariffs and Trade.

**General Allocation.** The reserving of a needed quantity of an item from available inventory at a specific site. Does not reserve specific inventory items.

**General Ledger (GL).** The collection of all the asset, liability, equity, and expense accounts. Amounts entered in books of original entry (journals) are transferred (posted) to the correct account in the general ledger.

**General Ledger Calendar.** A calendar used for accounting activities. Every database can have only one GL calendar and at least one period must be defined. GL calendar periods are used to group GL transactions for reporting.

**Generalized Code.** A method of defining acceptable values for fields and having the system validate user entry. Codes can display in a look-up browse for selection.

**Generally Accepted Accounting Principles (GAAP).** A set of U.S. guidelines and rules and procedures issued by groups within the accounting industry to standardize accounting practices. These groups include the Financial Accounting Standards Board (FASB) and the American Institute of Certified Public Accountants (AICPA).

**Giro.** A service of many European banks that permits authorized direct transfer of funds among account holders as well as conventional transfers by check.

**GL.** See *General Ledger (GL)*.

**Global.** Pertaining to corporate or enterprise-wide planning and data consolidation.

**Global Change.** A change made in one part of a computer system that is automatically reflected throughout the entire system.

**Global Tax Management (GTM).** A tax system that supports precise tax calculations, complex tax environments, and taxes for multiple countries in the same database. GTM eliminates the need for regional tax systems.

**GMT.** See *Greenwich Mean Time (GMT)*.

**Grade.** The sub-labeling of items to identify their particular makeup and to separate lots from other lots of the same item.

**Graphical User Interface (GUI).** A method of presenting computer actions and options as pictures, buttons, and icons to users, rather than requiring typed commands. You interact with the computer by pointing and clicking with the mouse. The most common example of a graphical user interface is Microsoft Windows.

**Greenwich Mean Time (GMT).** The international basis for relationships among time zones. Never affected by daylight savings time adjustments.

**Gross Margin.** Sales minus cost of goods sold.

**Gross Production Due.** Projected production demand for a family item, not netted against on-hand inventory. Family plans show gross production due, calculated as (Sales Forecast + Target Inventory) – Previous Week's Projected QOH. For the first week, projected QOH is zero.

**Gross Requirement.** Total independent and dependent demand for a component prior to netting of on-hand inventory and scheduled receipts.

**Gross Weight.** Total weight, calculated from item weight and tare weight.

**Group.** A set of users that share common access requirements used to streamline security setup.

**Group Technology.** A system based on item families where common processes are grouped into manufacturing cells in a shop.

**GTM.** See *Global Tax Management (GTM)*.

**GUI.** See *Graphical User Interface (GUI)*.

## H

**Half-Period Convention.** Depreciation convention in which a half-period depreciation is calculated for the first and last period of the asset life.

**Half-Quarter Convention.** Depreciation convention in which a half-quarter depreciation is calculated for the first and last quarter of the asset's life.

**Half-Year Convention.** Depreciation convention in which a half-year depreciation is calculated for the first and last year of the asset life. See also *Modified Half-Year Convention (Version 1)* and *Modified Half-Year Convention (Version 2)*.

**Hash Total.** A mathematical value derived by an algorithm that uses cross-checks to ensure that two sets of data are identical. Often used to verify the accuracy of financial data.

**High-Water Mark.** The maximum number of users logged in to MFG/PRO or using an application that connects to MFG/PRO at a customer site during a given period.

**HIN.** Health Industry Number.

**Historic Exchange Rate.** The exchange rate in effect at the time of a transaction. This is recorded with the transaction amounts and types of currency.

## I

**IC.** See *Inventory Control (IC)*.

**ID.** An identification tag.

**Implementation.** The integration of a system into day-to-day operations. The system implemented may be manual or computerized.

**Implementation Definition.** EDI ECommerce table definitions that define the formatting of a particular electronic business document during the import or export processes according to the trading partner document and MFG/PRO document requirements.

**Implementation Standard.** A set of programming guidelines that describes the correct use of general purpose programs provided for an area of functionality.

**Import.** To read a file created by another program into a database.

**In-Process Inventory.** See *Work in Process (WIP)*.

**In-Transit Inventory.** Material moving between two or more locations, usually separated geographically; for example, finished goods being shipped from a plant to a distribution center.

**In-Transit Lead Time.** See *Move Time*.

**Inactive Inventory.** Stock designated as in excess of consumption within a defined period. Also, stocks of items that have not been used for a defined period.

**Inbound Logistics Charge.** A cost incurred and payable to a third-party supplier for the transportation of purchased items from an external supplier to a company location.

**Included Tax.** A tax already included in an item or trailer charge amount.

**Inco Terms.** Terms of trade defined by the International Chamber of Commerce and used in international contracts. See *Terms of Trade*.

**Income Statement.** A financial report showing the profit (or loss) business activities have generated in a specified time period.

**Incrementing Segment.** Part of an NRM sequence that defines a range of values, with a lower and upper bound and an initial and reset value. Each sequence must have one and only one incrementing segment.

**Indented Product Structure.** A form of multilevel product structure where the highest level assembly is shown on the left margin, and subassemblies are indented to the right. If a component is used in more than one subassembly, it is listed with each one.

**Indented Where-Used.** A listing of all parent items. Shows respective quantities required for each, continuing until the ultimate end item or level 0 item is referenced. The component item is shown closest to the left margin of the listing, with each parent indented to the right, and each respective parent indented even further to the right.

**Independent Demand.** Demand unrelated to demand for other products.

**Indirect Exchange Rate.** An exchange rate derived from the established rates of two different currencies and a common third currency, such as a union currency.

**Indirect Labor.** Work necessary to support production but unrelated to production of a specific item or product.

**Infinite Loading.** Reporting all work awaiting a work center regardless of the capacity of the work center to perform the work.

**Ingredients.** The composition of an item. An ingredient list is a source document for nutritional or product labeling information.

**Input/Output Control.** A technique for capacity control where actual output from a work center is compared with output planned by capacity requirements planning. Input must also correspond to plan and be adequate for a work center to meet its capacity requirements.

**Inspection.** The process of examining items or products for conformity to specifications.

**Inspection Lead Time.** The normal or average number of working days needed to inspect an item after it is received in an inspection area.

**Installed Base (ISB).** The records of all items sold to customers who may be involved in future interactions with your company. Items in the installed base may or may not be under warranty or service contracts.

**Installed Base Item.** Items actually existing in the installed base, owned by customers and used by end users. An item does not have to be an installed item to be entered in the installed base. This is useful in situations where items not sold by your company are part of an item's configuration.

**Installed Base Record.** A record consisting of an item linked to an end user. The end user is always connected to the customer who received the item currently in the user's possession.

**Installed Base Reference Number.** A method to uniquely identify non-serial number controlled items in an installed base. Not to be confused with an inventory reference number. Although both serve a similar function in providing a unique pointer to an item, one identifies items owned by end users, while the other identifies items in inventory locations.

**Installed Item.** A status for any item or component indicating whether it is eligible to become part of the installed base. Does not refer to any actual, physical item.

**Intangible Asset.** Assets that provide future economic benefit but have no physical substance. Examples include goodwill, patents, and trademarks.

**Interface.** The method of communication between humans and machines. For example, the keyboard is an interface between the user and the computer. MFG/PRO has three user interfaces. See *Character User Interface*, *Graphical User Interface (GUI)*, and *Desktop*.

**Internal Sequence.** An NRM sequence for numbers generated automatically by the system. Dispenses sequence numbers in ascending order at the request of another program. When a number is dispensed, each segment in the sequence is examined to determine whether its value is to be updated.

**Internal Setup.** A setup procedure performed while a process is inactive.

**Interoperation Time.** The time between completion of the run time of an operation to setup of the next operation. Examples are queue, wait, and move.

**Interplant Demand.** Items to be shipped to another plant or division within a company. Although not a customer order, usually handled as independent demand for master production scheduling.

**Intersite Request.** A record sent to receiving and source sites. To the receiving site, a purchase requisition or supply record. To the source site, a sales order or demand record.

**Intrastat Declaration.** A report legally required of most European businesses by EU customs authorities listing shipments to and receipts from other EU countries. Used as the main source document for producing an EU country's trade statistics.

**Intrastat History Table.** The database table on which an Intrastat declaration is based, which contains a record for Intra-EU related inventory movements. Used to guarantee a clear audit trail from an Intrastat declaration to its underlying inventory transactions. Can be created automatically or manually.

**Inventory.** All goods or materials used in production processes, including raw materials, components, subassemblies, assemblies, and end items, as well as all supplies required by production.

**Inventory Account.** A GL account used to maintain inventory balances for receipts and issue transactions.

**Inventory Control (IC).** Techniques related to the maintenance of desired item quantities.

**Inventory Discrepancy Account.** The GL account charged for the difference between a cycle count and a book balance.

**Inventory Item.** An item kept in inventory, whose item number is found in the item master table.

**Inventory Movement Code.** A transaction classification documenting a known business reason for an inventory movement. Similar to transaction types recorded in transaction histories, but may be more specific.

**Inventory Plan.** A plan projecting how much of a product line will be in inventory each month at a given site. Records actual inventory levels for comparison.

**Inventory Status Code.** A code assigned to sites, locations, and items used to manage inventory processing. Status codes determine:

- If inventory is available to be allocated to sales and manufacturing orders (see *Available*).
- If inventory can be considered by MRP when calculating net quantity on hand (see *Nettable*).
- If an inventory balance can be negative.
- If inventory is not available for particular kinds of inventory transactions.

**Inventory Transaction.** A system record associated with the movement of an inventory item and its value. A complete history of all IC transactions is maintained and can be reviewed as needed. Each transaction is identified by a transaction number and type.

**Inventory Turnover.** The number of items cycled through inventory in a year. Calculated by dividing annual cost of sales by average inventory level.

**Inventory Valuation.** Cost value or market value of inventory. Cost value is computed using FIFO, LIFO, or standard cost basis to establish cost of goods sold.

**Inverse Rates.** A rate that is calculated as the inverse of an exchange rate. It is obtained by dividing one by the exchange rate (1/Rate).

**Invoice.** A document containing information about the purchase or sale of goods. States credit terms and cash discounts, if any.

**Invoice Schedules.** In PRM, records that determine the dates and amounts used for invoicing projects.

**Invoice Sort.** A high-level grouping of labor, expenses, or items used during customer service activities.

**ISB.** See *Installed Base (ISB)*.

**Issue.** (1) Physical movement of items from an inventory location. (2) A transaction recording this activity.

**Item.** Any unique manufactured or purchased part, material, component, subassembly, or product used to track inventory, planning, manufacturing, or financial transactions. Items must have a unique identifier, unit of measure, and product line. Items also identify and track non-real things such as documentation and base processes for co-products and by-products, which have no monetary or inventory value, but are critical for operational reasons.

**Item Explosion.** A method of determining what items or assemblies are used to produce a product. Results are usually listed on an indented material report.

**Item Identifier.** An alphanumeric code uniquely identifying items, products, or raw materials. Also known as item number, stock code, or product code.

**Item Implosion.** The process of determining where an item is used in a product structure. Results are usually listed on a where-used report.

**Item Number.** A unique number identifying an item.

**Item Resource Bill.** A list showing the amount of each resource required to make one unit of an item.

**Item Tax Class.** A grouping of items subject to special tax rates or exemptions.

## J

**JIT.** See *Just in Time (JIT)*.

**Job.** A sales order generated by a shop. May include one or more work orders. A sales/job number is used to group costs.

**Job Order Costing.** A costing system where costs are charged to specific sales/job numbers. Can be used with either actual or standard costs in the manufacture of discrete items or product lots.

**Job Shop.** A functional organization where work centers and departments are organized around particular types of equipment or operations, such as drilling, forging, or assembly. Products flow through departments in batches of stock or customer orders.

**Join.** A relation between data in two or more tables expressed through fields that the tables have in common.

**Joint Order Set.** A set of work orders consisting of one work order for a base process and additional work orders for each of its co-products and by-products. These work orders share the same work order number, but have different work order IDs.

**Just in Time (JIT).** A technique designed to result in minimum inventory by delivering the right items to the right place at the right time, all the time.

## K

**Kanban.** A Japanese method of production and inventory control first developed and used at Toyota. Designed for day-to-day on-floor control of production and inventory, it relies on a series of control triggers, typically in the form of cards. Kanban is the predecessor of *Just in Time (JIT)*.

**Kanban Card.** Card printed and placed on container in a kanban-controlled production environment.

**Kanban Dispatch List.** A list used to move groups of empty kanban containers back to a supplying source for replenishment.

**Kanban Loop.** Flow of kanban-controlled material from supplying site and location to consuming site and location. When received at the consuming site, a new kanban card is requested from the supplying site.

**Kanban Sizing.** The process of determining the number of Kanban cards or items per container required to manage production. Sizing is based on demand calculations performed previously.

**Key Item.** An item for which there must be sufficient quantity on hand for a work order to be released and a picklist printed.

**Key Resource.** Anything that can limit production capacity and cannot be easily increased, such as available funds, critical machines, floor space.

**Key Work Center.** A work center that is crucial to the manufacture of a product. If work does not flow through this work center, a bottleneck is created.

**Kit.** A type of configured product that represents a collection of items that are picked and shipped together but that require no assembly. Kit items are contrasted with assemble-to-order items. See *Assemble to Order (ATO)*.

**Kitting.** The process of removing components of an assembly from a stockroom and sending them to an assembly floor as a kit of items. Can take place automatically whenever a full set of items is available, and may require an authorization.



## L

**Labor.** (1) The direct cost associated with labor. (2) The physical work performed.

**Labor Burden.** The overhead cost associated with labor. Usually stated as a percent of direct labor or cost per direct labor hour.

**Labor Cost.** The dollar amount of added value due to labor performed during manufacturing.

**Labor Rate Variance.** The difference between the reported work center labor rate and the payroll labor rate for an employee.

**Labor Usage Variance.** The difference between actual hours reported and time expected to complete a quantity received.

**Lead Time.** The time in calendar days required to perform an activity. May include time needed for purchasing, order preparation, queuing, transportation, receiving, and inspection.

**Lead Time Offset.** Time added to a component's release date to determine its planned issue date. Planned issue dates among components can differ to allow for phased assembly of the end item.

**Lean Manufacturing.** A philosophy of production that emphasizes minimizing the resources used, including time, in manufacturing activities. It involves identifying and eliminating non-value-added activities in design, production, and supply chain management, and results in highly flexible, automated processes. Kanbans and flow schedules are example of lean manufacturing techniques.

**Level.** The relative position of a part or assembly in a product structure. Each part is assigned a level code.

**Level of Coverage.** The level of service provided and its limits. Determines what an item is covered for and for how long.

**Level of Service.** The amount of service provided for various situations. Typically defined as a percentage of labor, item, or expense service costs.

**LFL.** See *Lot for Lot (LFL)*.

**Life.** Number of years used as a basis for depreciation calculations for fixed assets.

**LIFO.** Last In, First Out. A method of inventory valuation that assumes inventory received last is used first. An accounting method only, and not necessarily related to actual physical movements of items or materials.

**Limit.** A ceiling on the amount of service that can be provided under the terms and conditions of a contract. Can be set up based on total consumption, invoice sort, or work code/service category combination. Can be defined in contract types, but is only used when coverage is based on a specific contract. When a limit is exceeded, no more activity recorded in Call Activity Recording is covered. The system suggests an over-limit charge code.

**Line Allocation.** A record defining how an item's production demands are distributed between production lines at a supply site.

**Linearity.** In flow scheduling, the relationship between planned production and actual production, viewed over time.

**Line Charge.** Additional fees imposed on a line item. This includes any type of charge at the line-item level, such as painting, polishing, setup, handling fees, or special order fees such as hazardous material handling charges.

**Line Item.** An item on a sales or purchase order.

**Line Utilization Percentage.** A projected consumption of available production line capacity by production due demands in an operations plan. Defined as  $\text{Line Production Due Qty} \div \text{Weekly Line Capacity}$ , where  $\text{Line Capacity}$  is  $\text{Available Shift Hours} * \text{Line Production Rate}$ .

**Link-To.** An association between an analysis code and either a GL element or another analysis code. Link-tos create multitiered hierarchies for reporting in the GL Report Writer.

**List Price Limit.** A ceiling on the price of individual items covered by a service type or contract. When a list price limit is specified and the price of an item exceeds this amount in Call Activity Recording, the price is not covered even if limits have not yet been consumed. An over-limit charge code is suggested by the system.

**Load.** The amount of scheduled work for a work center or resource. Usually measured in hours or pieces.

**Load Hours.** Setup and run times for each operation.

**Load Profile.** See *Resource Bill*.

**Loading Method.** A method of breaking down monthly forecasts into weekly buckets when loading forecasts into the summary detail table used by MRP.

**Local Variable.** A variable, created with Progress syntax, to contain the relationship or derived value from one or more fields in one or more tables. For example, a local variable can contain a total derived from the quantity and the unit price.

**Location.** (1) Areas of a site where inventory is stored, used, or shipped. Location parameters identify what can be stored and how it can be used. Every inventory transaction must have a site and location. The same locations can exist at more than one site. This is recommended for multisite processing.

(2) For Fixed Assets, the accounting location and entity for the fixed asset. There is no connection between the fixed-asset location and inventory location.

(3) For license registration, a location is a physical site, facility, or address where significant manufacturing, distribution or information processing activities occur.

**Location License.** An MFG/PRO license type that defines a predefined number of locations for specific applications.

**Location Type.** Code that identifies special storage requirements of an item, such as flammable, humidity controlled, outside, and so on.

**Logistics Charge.** A cost associated with the transportation of goods in and out of company locations and payable to a third-party supplier.

**Logistics Supplier.** A third-party supplier of services associated with the transportation of goods.

**Look-Up Browse.** A simple browse that lists values for selection and that does not support graphing, filtering, and printing. Contrast with *Drill Down*.

**Loss on Disposal Account.** A GL account used to track losses from fixed-asset disposal.

**Lot.** A batch or part of a batch having uniform character and quality within specified limits. Or, in the case of a pharmaceutical produced by a continuous process, a specific identified amount produced in a unit of time or quantity,

and in a manner that assures uniform character and quality within specified limits. See *Receiving Site Lot Number* and *Supplier Lot Number*.

**Lot for Lot (LFL).** A lot sizing technique in MRP where order quantity equals net requirement.

**Lot Number.** A unique combination of letters and/or numbers identifying a discrete group of items in an inventory location.

**Lot Reference.** Identifier for a subset of items within a lot. May reflect your production process. For example, when a lot includes too many items for one container, lot reference can identify items in each.

**Lot Sizing.** Techniques for determining lot size during MRP calculations. Most common are *Lot for Lot (LFL)*, *Period Order Quantity (POQ)*, *Fixed Order Quantity (FOQ)*, and *One-Time Only (OTO)*.

**Low-Level Code.** The lowest level in a product structure (BOM) at which a particular component can appear. Net requirements for an item are not calculated until gross requirements are calculated down to that level. Normally calculated and maintained automatically by the system.

**Lower-Level Costs.** The cost category representing a cost added at prior stages of manufacturing. Lower-level material costs include the cost of all purchased materials used in the final product and any subassemblies. Lower-level labor, burden, and subcontract are developed from the cost of producing lower-level subassemblies.

## M

**Machine Burden.** Overhead cost based on the number of hours a machine is in use—both while it is being set up and while products are being run.

**Machine Center.** See *Work Center*.

**Maintenance Contract.** A contract that includes a number of scheduled visits by an engineer to ensure that equipment remains in good working order. See *Preventive Maintenance (PM)*.

**Major Setup.** Equipment setup and related activities required to manufacture a group of items in sequence, exclusive of the setup required for each item in the group.

**Make to Order.** To manufacture a product to customer specification with little or no stocking of raw material. Long lead-time components are sometimes planned prior to receiving an order to reduce delivery time to customers.

**Make to Stock.** To manufacture a product based on forecasts or other methods, prior to receiving a customer order. Shipped off the shelf from finished goods.

**Manual Checks.** Handwritten payments transferred by bank or in person.

**Manufacturing Calendar.** A calendar used in inventory and production planning that consecutively numbers working days. Allows component and work-order scheduling to be based on actual work days available.

**Manufacturing Cycle.** The time between release of an order to a work center and either shipment to a customer or receipt into inventory.

**Manufacturing Lead Time (MLT).** Total time required to manufacture an item, exclusive of lower level purchasing lead time. Includes time for order preparation, queue, setup, run, move, inspection, and put-away.

**Manufacturing Resource Planning (MRP II).** A comprehensive planning method integrating business plans, MPS, MRP, CRP, and execution support systems with financial reports and inventory projections.

**Mark for Release.** To mark an approved but not yet released PCR/PCO for release at the next run.

**Marketing Site.** A site generating sales forecast demand for an item, such as sales offices and distribution centers. An item can be sold from multiple marketing sites. The same site can be both a supply site and a marketing site. See *Supply Site* and *Source Matrix*.

**Mark Printed.** To mark an already registered NRM sequence number (see *Register Value*) as printed.

**Master Production Schedule (MPS).** An anticipated build schedule resulting from master scheduling. Takes into account forecast, production plan, backlog, availability of material, capacity, management policies and goals, and so on. Details what a company plans to produce in specific configurations, quantities, and dates.

**Master Schedule.** See *Master Production Schedule (MPS)*.

**Master Schedule Item.** An item selected for planning by the master scheduler. An item with critical impact on lower-level components and resources, including work force, key work centers, and cash flow. The master scheduler, not the computer, maintains the plan for an item. Can be an end item, component, or phantom.

**Master Scheduled Receipts.** Total scheduled receipts from supply orders, which are planned, firmed, released, etc. Can be master schedule order, purchase order, or distribution order planned receipts.

**Master Scheduler.** Manager of the master schedule. Must have both shop and product knowledge.

**Material Order (MO).** An internal order for managing the transfer of inventory between a supply center and designated service or project locations. There are four types of MOs:

- MOs associated with a call
- MOs associated with a project activity order
- MOs to replenish an engineer's stock
- MOs that are expensed

**Material Rate Variance.** The difference between cost of components when and where issued and the frozen work order bill of material cost.

**Material Requirements Planning (MRP).** A time-phased priority planning system that calculates material requirements using product structures, inventory status, the master production schedule, and open order dates. Determines what to order, when, and how much. Supply is scheduled and rescheduled to meet changing demand and maintain valid due dates. MRP requires a source of demand, product structures and routings, accurate inventory balances, and planning data.

**Material Usage Variance.** The difference between quantity required of a component and quantity actually issued.

**Maximum Order Quantity.** An order quantity modifier applied after a lot size is calculated that limits order quantity to a predetermined maximum.

**Maximum Taxable Base.** The maximum transaction amount subject to tax rate.

**Maximum Weeks of Coverage.** An item's maximum allowable global inventory coverage level. Affects either family plans or operations plans, depending on when target inventory levels are calculated. When you increase an item's production due quantity, a plus sign (+) alerts you to potential inventory surpluses.

**Member Currency.** Identifies a national currency that has joined a monetary union, such as the EMU. Applies only during the transition period. An example of a member currency was the French franc. During transition to the euro, member currencies are denominations of the union currency at a fixed exchange rate.

**Memo Entry.** An entry made to the GL that is posted to memo accounts. A memo account is used to record and report reference information. Amounts posted to memo accounts print on financial statements, but are not included in any totals or calculations.

**Memo Item.** A non-inventory item not found in the item master table or considered by MRP. Shipping or receiving memo items does not affect inventory or create GL transactions.

**Menu.** A list of available submenus and programs.

**Menu Substitution.** Replacing one program with another on the menu. For example, you can set up the menu so that when users select a particular program, they get a customized version of it instead of the one delivered with MFG/PRO.

**Merge RSS.** A program merging open requirements in an active required ship schedule (RSS) to a new active RSS using Required Ship Schedule Update and Selective Required Ship Schedule Update. See *Required Ship Schedule (RSS)*.

**Meter.** Measures the usage of a fixed asset. Used by the units-of-production depreciation method.

**Method Variance.** Unexplained variance. Any amount left in WIP at the end of work order or cumulative order accounting calculations.

**Minimum Inventory.** The planned minimum allowable inventory for an independent demand item.

**Minimum Order Quantity.** An order quantity modifier applied after a lot size is calculated that increases order quantity to a predetermined minimum.

**Minimum Taxable Base.** The minimum transaction amount subject to a tax rate.

**Minimum Weeks of Coverage.** An item's minimum allowable global inventory coverage level. Affects either family plans or operations plans, depending on when target inventory levels are calculated. When you decrease an item's production due quantity, a minus sign (-) alerts you to potential inventory shortages.

**Minor Setup.** Incremental setup activities required when changing from one item to another within a group of items.

**Miscellaneous Creditor.** A generic supplier used as a reference when generating payments for organizations that are not set up as suppliers.

**Mission Critical Item.** See *Key Item*.

**MLT.** See *Manufacturing Lead Time (MLT)*.

**MO.** See *Material Order (MO)*.

**Modified Half-Year Convention (Version 1).** Depreciation convention. If the asset is put into service in the first half of the year, a full year of depreciation is calculated. If the asset is put in service in the second half of the year, no depreciation is taken. If the asset is disposed of

in the first half of the year, no depreciation is calculated for the year. If the asset is disposed of in the second half of the year, a full-year depreciation is taken.

**Modified Half-Year Convention (Version 2).**

Depreciation convention. If the asset is put into service in the first half of the year, a full year of depreciation is calculated. If the asset is put in service in the second half of the year, a half-year depreciation is calculated. If the asset is disposed of in the first half of the year, no depreciation is calculated for the year. If the asset is disposed of in the second half of the year, a half-year depreciation is calculated.

**Modular Product Structure.** A type of planning bill arranged in product modules or options. Often used where products have many options, such as automobiles.

**Modular Programming.** A general approach to programming in which programs are broken down into components, called modules, each containing its own procedures and data. Modules are coupled as loosely as possible, with interactions minimized and tightly controlled.

**Module.** A group of programs for related business activities such as Purchasing or Sales Orders/Invoices.

**Monetary Assets and Liabilities.** Assets and liabilities that are treated as cash, or cash equivalents, representing a claim to receive or pay a fixed sum of money. Examples are cash, accounts receivable, and accounts payable. These assets and liabilities should be reported at their estimated realizable value.

**Move.** Physical movement of inventory from one location to another within a facility. Usually made under the direction and control of an inventory system.

**Move Time.** The time a work order spends between work centers.

**Moving Average.** An arithmetic average utilizing the most recent data. As new data is added, the oldest data is dropped.

**MPS.** See *Master Production Schedule (MPS)*.

**MRP.** See *Material Requirements Planning (MRP)*.

**MRP II.** See *Manufacturing Resource Planning (MRP II)*.

**MTZ.** See *Multiple Time Zones (MTZ)*.

**Multilevel Product Structure.** A product structure showing all components used in an assembly, and the quantity required of each. If a component is a subassembly, all components are also shown.

**Multilevel Where-Used.** A list of all assemblies where a component is used and the next higher level where the parents are used.

**Multiple Co-product (Process).** A process resulting in more than one co-product. Applications are:

- Demand for one of multiple co-products results in initiation of a process producing all the multiple co-products.
- Multiple co-products represented by items having BOM/formula codes that reference the same base process.

**Multiple Order Quantity.** An order quantity modifier applied after a lot size is calculated. Forces order quantity to be predetermined or a multiple of that quantity. For example, if multiple order quantity is 5, an order can be placed for 5, 10, 15, or any other multiple of 5.

**Multiple Time Zones (MTZ).** A Manager Functions feature that supports the definition of various time zones and loading sample time zone data. Also, an optional feature of SSM enabling the system to present call dates and

times from the point of view of a call's end user. When enabled, users of SSM in diverse geographical locations can view times relative to their own time zones.

## N

**NAFTA.** North American Free Trade Agreement.

**Named User.** A person or operated device authorized to use MFG/PRO and logged into an MFG/PRO database at the customer site. Contrast with *Concurrent Session* or *Location License*.

**NDC.** National Drug Code.

**Need Date.** The date items must be available for shipping or for issuing to manufacturing. Equals due date plus inspection lead time, if any.

**Net Book Value.** Fixed-asset acquisition cost minus accumulated depreciation.

**Net Change MRP.** Method that replans items that have had changes in supply or demand since the last MRP run.

**Net Forecast.** The amount of forecast not sold in a given week.

**Net Requirements.** Gross requirements for an item or product less quantity-on-hand.

**Net Weight.** The item weight per unit after deduction of tare weight.

**Nettable.** An inventory status attribute that determines whether MRP includes items in its planning.

**Netting.** Calculating net requirements by subtracting quantity-on-hand from gross requirements.

**Netting Logic.** The way in which the system calculates a required shipping schedule. There are four options.

- If 1, only shipping schedules are used.
- If 2, only planning schedules are used.
- If 3, planning and shipping schedules are combined, with the shipping schedule taking precedence where schedules overlap (replace logic).
- If 4, planning and shipping schedules are combined, with the greater of the shipping or planning schedule taking precedence where schedules overlap (consume logic).

**Next-Period Convention.** A depreciation convention in which a full period depreciation is calculated for the period following the period that the asset was placed into service. A full period depreciation is taken in the last period of the asset's life.

**Node.** Item number or customer number linked to an analysis code used in the best pricing model for sales quotes and orders and RMA issues.

**Non-Accelerated Depreciation.** Depreciation methods that divide the amount of depreciation equally over the life of the asset. An example is the straight-line method.

**Non-AR Payments.** Payments such as tax refunds or rebates that do not originate as a result of customer sales.

**Non-Depreciable Assets.** Assets that have characteristics of a fixed asset, but cannot be depreciated. Generally, these assets include:

- Property placed in service and disposed of in the same taxable year
- Tangible property including land, inventory, rented property, and term interest in property
- Intangible property including goodwill, trademarks, and trade names

**Non-Inventory Items.** See *Memo Item*.

**Non-Monetary Assets and Liabilities.** Assets and liabilities that are not readily convertible to cash such as items that will be used in the future production and sale of goods and services. An example of a non-monetary asset is inventory.

**Non-Productive Labor.** Labor costs for time spent in non-production activities such as preventive maintenance, cleanup, or down time.

**Non-Significant Item Number.** An item number that identifies but does not describe an item.

**Normal Distribution.** A statistical distribution that is unimodal (observations close to one mean) and symmetrical (deviation is as likely to be plus as minus). Forms a bell-shaped curve when graphed.

**Notification List.** List of people to be advised when a change managed within the Product Change Control module is routed and/or approved. Attached to the approval routing.

**NRM.** See *Number Range Management (NRM)*.

**N-Tier Architecture.** Computer architecture in which applications are distributed across multiple, or *n*, systems. A three-tier architecture is one where user interface components are on a user's client machine, business components are on an application server, and the database is on a separate data server.

**Number Range Management (NRM).** Function that supports regulatory controlled document numbering. NRM includes the content and sequencing of a numeric series, as well as preventing gaps in a series.

## O

**ODETTE.** Organization for Data Exchange by Teletransmission in Europe. The primary standards organization for automotive EDI in Europe.

**Offset.** Time, in months, between start of production and date a resource is needed.

**On-Call Schedule.** An engineer schedule created to cover nights, weekends, and holidays.

**One-Time Only (OTO).** A lot-sizing technique that produces an order only once, based on the due date of the first item required. Used for projects such as creating an engineering drawing that occur only once in the manufacturing of a product.

**Open Order.** An active manufacturing order, purchase order, or unfilled customer order.

**Operating System (OS).** Software that allows a computer, terminal, printer, and storage device to work together efficiently. Examples are Windows and UNIX.

**Operation.** A single job or task performed as part of a work order. All operations required to manufacture an item constitute a routing.

**Operation Number.** A number indicating the order in which operations are performed in a routing.

**Operation Priority.** A scheduled due date and/or start date of a specific operation of a specific job, usually as determined by a back-scheduling process.

**Operation Reporting.** The recording and reporting of every manufacturing (shop order) operation occurrence on an operation-to-operation basis.



**Operation Start Date.** The date by which an operation must be started to be finished by the order due date. Calculated using scheduled quantities and lead times (queue, setup, run, move), or using work and time remaining to complete the job.

**Operation Time.** Setup time plus run time.

**Operation-Based Yield.** A technique for determining component item requirements. Op Based Yield uses the yield percentage of the item's routing information to determine if parent items scrapped earlier in the manufacturing process require fewer component items for subsequent manufacturing operation processes.

**Operation/Process Yield.** The ratio of usable output from a process, process stage, or operation to input quantity, usually expressed as a percentage.

**Operations Plan.** A plan showing an end item's sales forecasts, target inventory levels, and production demands for the planning horizon. Can be viewed from global, site, and production line levels.

**Operations Planning.** A mechanism for planning global replenishment from supply sites based on demand and desired inventory levels from marketing sites. Strives to simplify factory production planning by combining demand from multiple sites. Enables you to allocate production across multiple production sites. Supports monitoring of actual sales, production, and inventory against targets. Maximizes labor, equipment, and other assets.

**Operations Sequence.** Ordered steps for processing an item or assembly in a manufacturing system. Usually defined on a route sheet.

**Optimized Schedule.** A production schedule that operates within the material and capacity constraints on an enterprise to best meet a set of predefined business objectives. Optimized schedules are produced using advanced planning and scheduling (APS) systems.

**Option.** For configured products, a choice between two or more versions of a required component, such as the choice of engine size for a car.

**Order.** A contract with a supplier for items to be delivered on specified dates. States who is involved, terms, tax data, and shipping costs.

**Order Entry.** Acceptance and translation of a customer order into terms used by the manufacturer. Can range from processing shipping documents for finished goods to creating engineering documents for make-to-order items.

**Order Modifiers.** Item characteristics such as order quantity, order policy, order period, order minimum, and order multiple.

**Order Point.** See *Reorder Point*.

**Order Policy.** Method of specifying the number and size of each MRP planned order. There are five types:

- *Period Order Quantity (POQ)*. Generates planned orders to cover demands during a specified order period.
- *Fixed Order Quantity (FOQ)*. Generates planned orders equal to order quantity.
- *Lot for Lot (LFL)*. Generates a planned order to satisfy each demand.
- *One-Time Only (OTO)*. Prototype items that MRP orders only once.
- Blank. Ignored by MRP.

**Order Quantity Modifier.** Adjustment to lot sizing rules due to special considerations. Examples are maximum order quantity, minimum order quantity, and multiple order quantity.

**Order Status.** A code indicating whether an item or order is open, canceled, or closed.

**Orders Plan.** A plan projecting how many sales orders will be booked each month for a given product line at a given site. Records the actual number booked for comparison.

**Originating Entry.** Any entry that increases the value of a sub-ledger account. For example, posting an invoice is an originating entry because it increases the value of Accounts Receivable.

**OS.** See *Operating System (OS)*.

**OTO.** See *One-Time Only (OTO)*.

**Outbound Logistics Charge.** A cost incurred and payable to a third-party supplier for the transportation of goods from a company location to a customer or to another company location.

**Outside Shop.** A vendor. Used to convey the idea of a vendor as an extension of a shop, typically in subcontracting operations.

**Overhead.** Costs incurred in operation of a business not directly related to products or services produced. Distributed to units of product using a standard method such as direct labor hours.

**Overissue.** Removal from stock and assignment to a schedule of a quantity higher than scheduled quantity.

**Override Depreciation.** The amount of depreciation previously taken in another fixed-assets system.

## P

**Packing List.** See *Picklist*.

**Packing Slip.** A document included with a shipment that itemizes and details the contents.

**Pallet.** A portable platform used to store and transport inventory. Some companies group items by pallet for operations planning.

**PAO.** See *Project Activity Order (PAO)*.

**PAR.** See *Project Activity Recording (PAR)*.

**Parent.** See *Parent Entity* and *Parent Item*.

**Parent Entity.** A company that owns a majority of the voting stock for another company, known as a subsidiary. Each subsidiary exists as a separate, legal entity. However, the two companies function as a single economic entity because the parent company controls the activities and resources of the subsidiary. As a result, the separate financial statements of the parent company and its subsidiaries are combined into a single set of financial statements called consolidated financial statements.

**Parent Item.** An item that is a final product in itself, for which an order or independent requirement exists. Can be a component of a different parent item. Also called end item.

**Parent-Component Hierarchies.** An indicator of how tax amounts are reported. Tax amounts for a lower-level zone are reported both at that level and at a higher-level zone.

**Pareto's Law.** Concept that a small percentage of a group typically accounts for the greatest percentage of value or effort generated by the group. For example, 20% of items in inventory comprise 80% of inventory value. Also known as the 80/20 Rule.

**Partial Order.** Any shipment less than the amount ordered. See also *Backorder*.

**Past Due Demand.** An order not completed by the date scheduled.

**PCO.** See *Product Change Order (PCO)*.

**PCR.** See *Product Change Request (PCR)*.

**Pegging.** (1) In MRP and MPS, the capability to identify for a given item the sources of its gross requirements and/or allocations. (2) The process of consuming a shipper line that is tied to a required ship schedule requirement record.

**Perform Date.** A supplier's promised delivery date.

**Performance Measurement.** Comparison of an item's actual sales, inventory, and production levels with its family plan and operations plan.

**Period Order Quantity (POQ).** A lot sizing technique where lot size is equal to net requirements for a given item period; for example, a month's supply.

**Periodic Expense Account.** A GL account used to track the amount of depreciation expense for the accounting period.

**Perpetual Inventory.** A method of keeping inventory that immediately records on-hand quantity for items as they are issued or received. See *Physical Inventory*.

**Persistence.** A quality inherent in a procedure that creates its context when it executes and maintains that context until the end of a Progress session or until explicitly deleted. As long as a persistent procedure's context is in scope, the triggers and internal procedures of the procedure remain available for execution.

**Phantom.** An item or subassembly directly consumed into its parent items and not planned or stocked upon completion. Normally, lead time is zero, and lot sizing is lot for lot. Permits MRP to drive requirements through the phantom item to its components while

retaining the ability to net against any subassembly inventories. Facilitates the use of common product structures for engineering and manufacturing.

**Phantom Bill of Material.** A coding and structuring technique for bills of material, used primarily for transient (non-stocked) subassemblies. For the transient item, lead time is set to zero and order quantity to lot for lot. Permits MRP to drive requirements through a phantom item to its components while retaining the ability to net against occasional inventories of the item. Facilitates the use of common bills of material for engineering and manufacturing.

**Phantom Hierarchies.** A tax reporting method in which one zone is an alias for another zone at the same level, and reporting is done only for the alias.

**Physical Inventory.** (1) Actual inventory. (2) An actual count of inventory. Can be taken on a continuous, periodic, or annual basis.

**Picking.** Removing items from stock to fill a work order or customer order.

**Picklist.** A document that lists material to be picked for manufacturing or shipping orders. In distribution functions, known as a *Pre-shipper*.

**Pipeline Stock.** Inventory to fill a transportation network and distribution system, including the flow through intermediate stocking points. Flow time through the pipeline has a major effect on the amount of inventory required in the pipeline. Time factors include orders transmission, order processing, shipping, transportation, receiving, stocking, and review time.

**Plan SDP Code.** Planning Ship/Delivery Pattern Code. A code specifying the days of the week or month when shipments or deliveries are accepted by a customer.

**Plan SDT Code.** Planning Ship/Delivery Time Code. A code specifying the time of day when shipments or deliveries are accepted by a customer.

**Planned Load.** Standard hours of work required by MRP planned production orders.

**Planned Work Orders.** A suggested order quantity, release date, and due date created by MRP processing when it encounters net requirements. Only generated outside an item's time fence. Must be approved by the master planner to become firm planned orders in the master production schedule.

**Planning Horizon.** A period of time, in calendar days, over which MRP is to plan. MRP only processes material requirements within this horizon.

**Planning Product Structure.** A product structure used for planning, usually to forecast percent of demand for options and accessories.

**Planning Schedule.** A schedule used for moderate or long-term planning of production, materials, and resources. Shows weekly/monthly quantities and dates, and covers a time horizon from the present out 2–6 months.

**PM.** See *Preventive Maintenance (PM)*.

**PO.** See *Purchase Order (PO)*.

**POQ.** See *Period Order Quantity (POQ)*.

**Postal Code.** Identifier for a postal district. Called a ZIP code in the U.S. You can set up tax zones by postal code whenever tax types or tax rates vary within a city.

**Posting.** Transfer of debit and credit amounts to the general ledger.

**Pre-shipper.** A preliminary and temporary shipper created either automatically from detailed allocation, or manually using Pre-Shipper/Shipper Workbench. Formerly referred to as *Picklist*.

**Preventive Maintenance (PM).** Actions taken to keep an item in a specified operating condition by performing service at regular intervals.

**Price List.** A price structure defining specific prices, discounts, and markups at different quantity levels. Can be stated in terms of company base currency or any other currency.

**Primary Business Unit (PBU).** In EMT, the organization in a supply chain that processes the original customer order.

**Prior Cum Date.** Prior Cumulative Date. The up to and through date of a prior cumulative required quantity.

**Prior Cum Req.** Prior Cumulative Required. The total quantity required prior to the date of release.

**Priority Rules.** Method used by a dispatcher and production supervisor to rank work orders. Examples are critical ratio and operation due date.

**PRM.** See *Project Realization Management (PRM)*.

**Process.** A systematic sequence of steps producing a specified result.

**Process Manufacturing.** Production that adds value by mixing, separating, forming, and/or using chemical reactions. May be done in batch or continuous mode.

**Product.** Any commodity produced for sale. End items and replacement items are products.

**Product Change Control (PCC).** A module that lets you make changes to item data, product structures, routings, formulas, processes, and item specifications in a controlled environment without affecting production processes.

**Product Change Order (PCO).** A change document that details changes to a production process and is moved through a defined approval sequence before updating production tables.

**Product Change Request (PCR).** A change document similar to a product change order, but with a shorter life cycle. Never affects production. Once approved, is either closed or converted into a PCO for further work.

**Product Life Cycle.** (1) The stages a new product idea goes through. (2) The time from initial research and development to the time sales and support of the product to customers are withdrawn. (3) The time during which a product can be produced and marketed profitably.

**Product Line.** Similar items or products grouped for accounting and planning purposes. Every item must belong to only one product line. For operations planning, can identify items planned as a group due to similarity of manufacturing processes, sales channels, or other characteristics.

**Product Line Plan.** A plan of sales, shipments, and production for a group of items classified as a product line.

**Product Line Resource Bill.** The amount of a resource required to produce one unit of a production plan.

**Product Load Profile.** See *Bill of Resources*.

**Product Number.** See *Item Number*.

**Product Structure.** A method of identifying all raw materials, components, and subassemblies in a product. Recorded as a single-level relationship between a parent item and component, product structures determine when and how many component items are needed. Also called a bill of material (BOM), parts list, or formula.

**Production Control.** Directing and regulating the movement of goods through the manufacturing cycle, from requisition of raw material to delivery of a finished product.

**Production Due.** An item's production requirement. At global and site levels, calculated as (Sales Forecast + Target Inventory) – Previous Week's Projected QOH.

**Production Forecast.** A predicted level of customer demand for an option or feature of an assemble-to-order or finished-to-order product. Calculated by netting customer backlog against MPS for a family or product line. A product's available to promise quantity is then factored based on the option percentage in the planning product structure.

**Production Line.** A set of production equipment dedicated to a particular item or family of items. Production lines are used in operations planning and repetitive and flow scheduling environments.

**Production Plan.** A projection of how much of a given product line will be produced each month at a given site; also records actual amount produced for comparison. The key input into MPS and resource planning.

**Profit Margin.** The difference between production cost and sales price.

**Program Name.** The technical program name, as opposed to the description that appears in the title bar. For example, Customer Maintenance is the description of a program called `adcsmt.p`.

**Progress.** A database. Also a programming language for accessing data in a database.

**Progress Status Bar.** An area at the bottom of the MFG/PRO screen containing information on available options. Also called status bar.

**Project.** In PRM, a series of installation tasks that require items, labor, and expenses to complete. Projects are delivered to designated customers in one or more steps over time.

**Project Activity Order (PAO).** In PRM, a group of related project activities that are managed and completed together as a unit of work.

**Project Activity Recording (PAR).** The recording of actual time, materials, and expenses consumed in executing a PRM project.

**Project Codes.** Optional component of an account number defined in GL setup functions. Other components are account, sub-account, and cost center. Project codes are not available for all GL transactions. Inventory value, but not physical inventory, can be tracked by project codes.

**Project Location.** An inventory location where items are stored before they are consumed by a PRM project.

**Project Realization Management (PRM).** A module that provides features for recording and managing complex installation tasks that require items, labor, and expenses to complete. PRM provides features for creating projects, tracking their activity, and generating invoices.

**Project Sub-ledger.** In PRM, a set of fields for tracking quantities and costs related to project components.

**Projected on Hand.** In MRP, an inventory balance projected into the future. The running sum of on-hand inventory minus gross requirements, plus scheduled receipts.

**Projected Quantity on Hand.** A global projected on-hand inventory quantity, calculated as (Previous Week's Projected QOH + Production Due) – Sales Forecast. For the first week, projected QOH is the opening QOH. Displayed by both family plan and operations plan.

**Projected Weeks of Coverage.** The number of weeks of inventory coverage on hand after producing quantities indicated by a family plan or operations plan. Initially, equals the item's average weeks-of-coverage factor. When you change production due, the system recalculates this using the item's minimum and maximum coverage factors to project inventory shortages (–) and surpluses (+) relative to the average weeks of coverage. An asterisk (\*) indicates that projected coverage satisfies the maximum coverage requirement.

**Propath.** An environment variable containing the list of directories Progress searches when looking for a program to execute.

**Proximo Terms.** A special type of credit term used in France and other countries, enabling you to manage due dates so that processing occurs each week, fortnight, or month.

**PST.** Provincial Sales Tax. The system of taxes used in Canada.

**Pull System.** (1) In production, the production of items only as demanded for use, or to replace those taken for use. (2) In material control, the withdrawal of inventory as demanded by using operations. Material is not

issued until a signal comes from the user. (3) In distribution, a system for replenishing field warehouse inventories where replenishment decisions are made at a field warehouse or at a central warehouse or plant.

**Purchase Order (PO).** A contract with a supplier to purchase a specific quantity of items to be delivered at an agreed upon date for a set price. Includes order quantity, description, price, discounts, payment terms, transportation terms, and all other terms pertinent to the purchase and its execution.

**Purchase Price.** See *Acquisition Cost*.

**Purchase Price Variance.** The difference between unit cost on a purchase order and GL unit cost in an item master. Calculated when a purchase order is received.

**Purchase Requisition.** An authorization for a buyer to purchase a specific item, in a specific quantity, at a specific due date. Can be produced by approving MRP-generated planned orders or by manual entry.

**Purchases Account.** A GL account charged when non-inventory goods are vouchered in Accounts Payable.

**Purchasing Lead Time.** The number of calendar days from the date the need for a purchased item is recognized until the item is available for sale or issue. Includes time for procurement, vendor lead, and receiving. Does not include inspection lead time.

**Purpose Code.** In a customer-scheduled order, a code communicated as part of an EDI transaction that indicates how the imported schedule should be processed.

**Push System.** Replenishment or production of items or materials in response to a given schedule or order from a centralized authority or warehouse.

## Q

**QOH.** See *Quantity on Hand (QOH)*.

**Quality Order.** A document authorizing a test or inspection. Specifies how much to test, where, when, and how.

**Quality Procedure.** A set of inspection or testing operations linked to a work center. Used by quality orders in the same way work orders use routings.

**Quantity Allocated.** The quantity reserved for use on specific sales orders or manufacturing orders.

**Quantity Available.** The quantity available to allocate to sales orders or manufacturing orders.

**Quantity on Hand (QOH).** The amount in inventory of an item for a site or location.

**Quantity on Order.** Total quantity for an item on all replenishment, purchase, or manufacturing orders.

**Quantity Per.** Quantity of an item used in the production of its parent.

**Quantity Qualifier.** A character value indicating whether a requirement quantity is firm or in planning stages.

**Quantity Required.** Total requirements for an item at a site, either for shipment on sales orders or use on manufacturing orders.

**Query Specification.** A set of data retrieval codes.

**Queue.** (1) A waiting area. (2) The time work normally waits at a work center before operations begin. (3) A holding area for a call, call quote, or service request before the next event takes place in its life cycle.

**Queue Time.** The time a work order spends at a work center before being worked on. Higher queue times result in higher manufacturing lead times.

**Quotation.** A statement of price, terms of sale, and description of goods or services offered by a vendor to a prospective purchaser. When given in response to an inquiry, usually considered an offer to sell.

## R

**Rate Amount.** A numerical field that functions as one part of the ratio that defines an exchange relationship between two currencies. An exchange rate can be presented in the following way: rate amount 1 units of currency 1 equal to rate amount 2 units of currency 2.

**Rate Variance.** The difference between the actual output rate of production and planned or standard.

**Raw Auth Days.** Raw Authorization Days. The number of days a customer commits to paying a supplier for raw materials purchased for a scheduled item.

**Raw Authorization.** A customer's agreement to pay a supplier for materials the supplier purchases for a scheduled item within a specified time period.

**Raw Qty.** Raw Quantity. The maximum quantity of a product for which a supplier is authorized to acquire raw materials in anticipation of a customer's scheduled demand.

**Realized Exchange Rate Gain/Loss.** The amount that the base currency value of an asset or liability, denominated in a foreign currency, has increased or decreased due to a fluctuation

of exchange rates over time. Realized gains or losses occur at the time of settlement or when the risk of exchange rate fluctuation is eliminated.

**Reason Code.** A code used to categorize activities based on their cause. Reason codes are associated with a type. Predefined types—including Quote, Down, Downtime, Reject, Rework, Scrap, and Ord\_Chg—are used by functions in modules such as Sales Quotes, Repetitive, Advanced Repetitive, Shop Floor Control, and Sales Orders/Invoices. Other types can be created as needed. In the Product Change Control module, reason codes are user defined and specify severity levels related to the approval process.

**Receipt.** (1) Physical acceptance of an item into a stocking location. (2) A transaction recording this activity.

**Receivable.** A financial claim against another business or individual.

**Receiver.** A record that goods have been received into inventory. Updates inventory balances, and allows Accounts Payable to verify quantities and prices against the purchase order before paying.

**Receiving.** Physical receipt of material. Includes checking a purchase order against a receipt document, delivery to the proper destination, and completion of receiving reports.

**Receiving Site Lot Number.** Any distinctive combination of letters, numbers, or symbols from which a complete history of the manufacture, processing, packing, holding, and distribution of a batch or lot of drug product or other material can be determined. Defined, maintained, and recorded by the receiving site. See *Supplier Lot Number*.

**Recipe.** See *Formula*.



**Reciprocal Exchange Rates.** A separate exchange rate calculated as the inverse of an existing exchange rate relationship. For example, if the exchange rate of the euro (EUR) to the Mexican Peso (PES) is defined as 2.23456 EUR: 1 PES, the reciprocal exchange rate (PES to EUR) is calculated as: 1 divided by 2.23456, or .447515 PES: 1 EUR.

**Record.** Related data items treated as a unit. Usually accessed by a unique code.

**Recoverable Tax.** A tax paid on purchases that is offset against tax collected on sales. Common in VAT countries.

**Recyclable By-product.** A product that can be reintroduced into the process that created it or into higher- or lower-level processes within any product structure/formula hierarchy. Technically, by-products should be defined as components with negative quantities or percentages, not as part of a co-product/by-product relationship.

**Reference.** See *Lot Reference* and *Installed Base Reference Number*.

**Reference Date.** An attribute of an Intrastat history record stating when the record is to be reported. The main criterion in selecting history records for inclusion in an Intrastat declaration.

**Refurbish.** To clean and replace worn parts in an assembly.

**Regenerative MRP.** An MRP process that re-explodes MRP planned items down through all bills of material, creating a completely new material plan. Maintains all valid priorities and synchronizes all plans.

**Register Value.** To make a permanent record indicating that a given NRM sequence number, within the set defined by a sequence, has been used. Once registered, a sequence number cannot be used again.

**Regressive Tax.** A tax that includes the tax amount as part of a transaction taxable base.

**Rejected Item.** An item not meeting quality requirements and, therefore, not able to be moved to the next operation. Can be treated as scrap, a rework item, or if purchased, a return.

**Release.** A schedule based on a scheduled order.

**Release Date.** The date an order is scheduled to be released to the shop floor.

**Release ID Number.** A sequential number identifying a released schedule.

**Release Management.** A combination of processes for managing the regular exchange of information among customers and suppliers. This information is used to coordinate a customer's manufacturing activities and demand for material with a supplier's manufacturing activities and shipments of material.

**Released Order.** An active work order.

**Reorder Point.** A level of inventory that signals the need to reorder. Usually calculated by adding safety stock quantity to expected usage during lead time.

**Repair Parts.** Individual parts or assemblies required for maintenance or repair of equipment. Can be repairable or non-repairable assemblies or one-piece items. Does not include consumable supplies such as solvents or lubricants.

**Repetitive.** The production of discrete units, planned and executed to a schedule, usually at relatively high speeds and volumes. Material tends to move in a continuous flow during production, but different items can be produced sequentially within the flow.

**Repetitive Schedule.** A response to a manually entered demand or an MRP-generated demand for materials. Indicates how much production of a certain item is planned for each day at a particular production line and site. Used to control and monitor the progress and cost of manufacturing.

**Replacement Value.** Amount to replace a fixed asset. Used for management purposes, primarily in estimating budget or insurance requirements. Not used for calculating depreciation.

**Replenishment Time.** Total time between recognizing that a product should be reordered and having the product supply available for use. Represents the maximum turnaround time between supplying and consuming sites.

**Report.** A number input by an engineer or assigned by the system during CAR representing a service report document from the engineer listing all labor, parts, and expenses consumed on a call.

**Report Record.** In GL Report Writer, the report title, format, row groups, and column groups used in a report.

**Reporting Currency.** The currency that financial data is translated in, for the purpose of producing financial reports.

**Reporting Zone.** A tax zone for which separate tax reports are required.

**Repository.** A database that stores persistent data. The place where component specifications reside.

**Repository Document.** An electronic business document as represented in the EDI ECommerce data tables in one of a number of well-defined states of transformation between trading partner and MFG/PRO document requirements.

**Required Ship Schedule (RSS).** A schedule containing customer requirements as derived from a customer's planning and ship schedule transmissions.

**Requirement Detail.** Information received in a schedule that is specific to a requirement. Examples include authorization numbers, packaging information, and administrative contacts.

**Requisition.** A statement indicating need for a specific quantity of an item at a specific time and place.

**Reserved Location.** A location with inventory that is dedicated to a specific customer or customers to ensure an adequate supply for sales orders.

**Resource.** Anything required for production of a product. Considered critical if difficult to obtain, or has a long lead time or other significant constraint.

**Resource Bill.** A statement of the amount of a resource required to produce one unit. Two types: product line resource bill and item resource bill. Resources can be defined for both end items and families.

**Resource Load.** Demand placed on a resource by a production plan. Calculated by multiplying product forecast from a production line plan by resource requirements.

**Resource Requirements Planning.** The calculation of resource load. Uses demand from production plan and master schedule. Can then be compared to capacity of each resource.

**Response Time.** The average delay between initiation of a call and its resolution.

**Retained Tax.** A purchase tax remitted directly to the government instead of to a supplier.

**Retirement Date.** Date of permanent removal of a depreciable asset from income producing activities. Disposition can be made by sale, exchange, abandonment, or destruction of the property. Often referred to as Disposition Date.

**Retrobilling.** The process of determining a net amount due by applying a price change to a range of historical invoices.

**Return.** (1) An item sent back to its supplier. (2) A transaction recording this activity.

**Return Material Authorization (RMA).** A transaction used to manage simple returns. An alternative to calls for tracking customer contact. Generally used when engineer involvement is not required. Has three aspects:

- Receipt of returned items for repair or replacement
- Issue of replacement items
- Documentation and billing of return activity

**Return Status.** A status code specifying the condition of items being returned during customer service activities. Determines which default sites are recommended by the system for the return.

**Return to Supplier (RTS).** In a customer service environment, a method for documenting and managing items returned to a supplier for repair or replacement. Enables you to link a return from your customer to a return to your supplier.

**Return to Vendor.** Material rejected by a buyer's inspection department and awaiting replacement, repair, or credit.

**Revaluation.** The restatement of an amount denominated in one currency, into another currency, using the current exchange rate for the functional currency. Other base currencies

can use a non-current exchange rate for revaluation if necessary. The restatement determines the gain or loss that results from an exchange rate fluctuation.

**Revenue Product Line.** A product line used to provide GL account codes for Call Invoice Recording.

**Reversing Transaction.** There are two types of reversing transactions.

- The reversal of an original transaction that has not had any subsequent activity. For example, the return of a purchased item to the vendor is a reversing transaction, as long as the item was not paid for, or had an unrealized gain or loss recognized, during sub-ledger revaluation.
- To support accrual accounting when revenue is recognized after it is earned, rather than when it is received. This type of transaction is also used when expenses are recognized after the benefits associated with them have been received, rather than when payment is due.

**Revision Level.** An engineering change level for an item. Typically used in place of a number change to control modifications that do not change the form, fit, or function of an item.

**Rework Item.** An item requiring additional processing.

**Rework Order.** An order to rework a defective part or item.

**RMA.** See *Return Material Authorization (RMA)*.

**Rolling Forecast.** A 12-month forecast beginning with the current month. Not aligned with the calendar or fiscal year.

**Rounding Method.** A record specifying how currency amounts are rounded on printed documents and reports. Determines rounding level (for example, to the nearest dollar) and threshold.

**Rounding Threshold.** The point at which amounts are rounded up or down. If 0.5, amounts from 0.00 to 0.49 are rounded to 0.00, and amounts from 0.5 to 0.99 are rounded to 1.00.

**Rounding Unit.** Determines rounding level. Must be a positive number that is a power of 10 multiplied by 1 or 5, such as 10, 500, 0.01, and 0.005.

**Routing.** A set of operations required to manufacture a product. Shows work centers, machines used, sequence of operations, and tools and standard hours required. Setup and run time can also be entered. In some companies, includes information on tooling, operator skill levels, inspection operations, testing requirements, and so on.

**Routing Code.** A code identifying a set of routing or process operations required to manufacture a product. Usually the item number, but can be different for alternate routings or for similar routings or processes at different sites.

**Routing Roll-Up.** Use of a routing to calculate manufacturing lead time, labor, burden, and subcontract costs for a product.

**Routing Slip.** A slip attached to a document in an approval cycle showing who is to receive the document, and who has already approved it.

**Row Group.** A set of user-defined rows. Identify the structure of a report, line item by line item.

**Row Type.** A required attribute of a row in a group. Values are:

- Data. Holds a query specification used to extract data from GL database tables.
- Calculation. The result of an algebraic formula utilizing values from other rows.
- Text. Displays text information only.

**RSS.** See *Required Ship Schedule (RSS)*.

**RTS.** See *Return to Supplier (RTS)*.

**Rule.** A programming expression, such as IF/THEN, linking a condition and an action.

**Run Sequence.** A code used to schedule items on production lines when approving MRP planned orders for line manufacture.

**Run Time.** The time it takes to process one unit of the product of a given operation.

**RVC.** Regional Value Code.

## S

**Safety Lead Time.** Time added to normal lead time for the purpose of completing an order in advance of its need date.

**Safety Stock.** (1) The quantity of an item to be maintained in inventory as protection against fluctuation in demand and/or supply. (2) The average amount of stock on hand when a replenishment quantity is received. (3) In MPS, extra capacity or inventory added as protection against forecast errors and short-term changes in backlog.

**Safety Time.** See *Safety Lead Time*.

**Sales Account.** A GL account used for invoiced sales and returns.

**Sales Booking History.** A history of sales orders received for an item or product line.

**Sales Forecast.** An estimate of future demand.

**Sales Order (SO).** An agreement to provide a customer with a quantity of a certain item or items at a set price by a set date.

**Sales Order Number.** A unique control number assigned to each customer order, usually during order entry. In a make-to-order environment, can be used as the product number.

**Sales Quote (SQ).** A commitment to sell a certain customer certain items at a certain price. Customers who use bids for choosing suppliers often request quotes. Exact delivery dates and order quantities are usually specified when a quote becomes a sales order.

**Salvage.** The estimated value of a fixed asset at the end of its useful life. This amount is reasonably expected in an open market for the asset after it is no longer productive. If a salvage value is defined at the beginning of the depreciation calculation, it is used to reduce the depreciable base.

**SBU.** See *Secondary Business Unit (SBU)*.

**Scale.** A percentage multiplier applied to forecast quantities.

**Schedule.** A listing of work orders to be processed through a work center, department, or plant. Gives a start date for each work order, and can include other information.

**Schedule Date Type.** Indicates if communicated schedule dates are shipment or delivery based.

**Schedule Days.** The number of days of discrete dates and quantities to appear on printed or transmitted releases, and on reports and inquiries.

**Schedule Months.** The number of monthly bucketed quantities to appear on printed or transmitted releases, and on reports and inquiries, following weekly buckets and discrete dates and quantities. Each quantity represents a month's requirements from the first Monday to the first Monday of the following month.

**Schedule Weeks.** The number of weekly bucketed quantities to appear on printed or transmitted releases, and on reports and inquiries. Each quantity represents total requirements for a Monday through Sunday week.

**Scheduled Downtime.** The planned shutdown of equipment or plant to perform maintenance, or to adjust to softening demand.

**Scheduled Line Hours.** Number of production hours scheduled for a production line for a week. Calculated as  $\text{Line Production Due Quantity} \div \text{Hourly Line Production Rate}$ .

**Scheduled Load.** Standard hours of work required by scheduled receipts (open production orders) or to adjust to softening demand. See *Planned Load*.

**Scheduled Order.** A specialized sales or purchase order with schedules attached to it and an indefinite life. Serves as the basis for customer and supplier schedules.

**Scheduled Order Allocation.** A method permitting a customer to allocate purchasing percentages among multiple purchase orders. In creating a supplier schedule, required even where there is only one supplier for an item.

**Scheduled Receipts.** Open production and purchase orders that have been approved and released. Considered part of available inventory when netting for a time period. Not exploded into requirements by MRP. MRP assumes that all components are allocated or issued.

**Schema.** A physical data model. A blueprint defining characteristics and relationships of entities.

**Scrap.** (1) Material that does not meet product specifications and is impractical to rework. (2) Discarded property or items with no value apart from the recovery value their material content.

**Scrap Account.** A GL account charged when items or products are scrapped.

**Screen.** An interface to a program that allows a user to add, delete, view, or modify data.

**SDP.** See *Ship SDP Code*.

**Secondary Business Unit (SBU).** In EMT, the organization in the supply chain that receives a purchase order from a primary business unit. See *Primary Business Unit (PBU)*.

**Security.** A method of ensuring that users can access only appropriate data and functions. The system has several levels of security:

- Menu-level security prevents access to a particular program or menu option.
- Entity security prevents updating of transactions by entity.
- Field security prevents changing data in a particular field.
- GL account security prevents unauthorized users from updating GL accounts.
- Site security prevents unauthorized users from updating data by site.
- Web security is used in conjunction with the Desktop interface and controls access to Web-enabled programs.

**Security Group.** See *Group*.

**Segment.** Part of the compound data structure of a sequence number defined in NRM functions. Each has its own set of characteristics and behavior.

**Selection Criteria.** Data used to include or exclude records and other data from being acted on by a program. For example, you can specify that a report should include only items in product line 1500.

**Selection List.** An element of the user interface that lets users select data.

**Selective MRP.** An MRP process that plans only selected items and sites, passing down gross requirements to the next unselected level, but not replanning orders.

**Semifinished Goods.** Uncompleted products stored for future modification or customization.

**Sequence.** (1) A set of numbers defined by NRM. (2) A number that determines the order in which records are processed. For example, a sequence number determines how tax types are calculated on a transaction.

**Sequence Number.** An element in an NRM sequence. A unique identifier used to catalog important documents. Can be alpha, numeric, or alphanumeric.

**Sequence Number Auditing.** An NRM function that maintains a history of changes to a sequence number definition.

**Sequencing.** Determining the order in which a manufacturing facility processes jobs in order to achieve objectives.

**Serial Number.** A unique combination of letters and/or numbers used to identify a single item.

**Serialized Components.** Components that are serial-number controlled.

**Server Time Zone.** The time of day at a server running an MFG/PRO database. Determines the system date/time displayed on many screens. When the optional Multiple Time Zone feature is active in SSM, most dates and times are stored in the server time zone and can be converted for display to an end user's time zone or other selected time zone.

**Service.** Repair, maintenance, and support of equipment and operations.

**Service Categories.** Records that represent detailed ways of categorizing customer service activity. For labor and expenses, service categories play a role similar to item numbers in the item master.

**Service Contract.** A unique document specifying a customer, one or more end user records, and one or more items to be supported. Defines terms and conditions of coverage.

**Service Coverage Schedule.** Defines days and hours during which service is provided.

**Service Date.** Date a fixed asset goes into service. A book service date is the date the asset went into service and depreciation starts for book purposes.

**Service Engineer.** An individual who provides labor and skills in a service environment. Must first be defined as an employee.

**Service Product Structure.** A list of replacement parts for repairing or maintaining an item. A set of items needed to perform an installation. Also known as a service bill of material. Three standard BOMs can be associated with each item: repair, PM, and installation. See *Bill of Material (BOM)*.

**Service Request (SR).** Request for an engineering response to a call. Used to record engineering changes and other suggestions from a customer base and from within a service organization. Suggestions can be used for product and process improvement.

**Service Routing.** A set of steps detailing the procedure to be followed in repairing, installing, or maintaining an item. Three standard service routings can be associated with each item: repair, PM, and installation.

**Service Type.** A template defining rules governing a provider's relationship with the end user of a product. Two categories are contact types and warranty types. Used to determine levels of coverage, response times, price lists, and durations.

**Service-Encapsulation Procedure.** A Progress internal procedure that encapsulates a set of services to perform additional document formatting processes. A set of Progress internal procedures. Each provides a specific, required service when executed. Services required for a given document format may include gathering additional data to display on a document, determining a document's readiness to print, and using a specific print layout.

**Service/Support Management (SSM).** The module that supports activities related to after-market service including call management and escalation, call activity recording and invoicing, engineer scheduling, return material authorizations, contract, warranties, and the installed base.

**Settlement.** The application of a voucher, payment, or draft to open invoices.

**Settlement Entry.** An entry that offsets, either completely or partially, an open item amount.

**Setup.** Changing or refitting a work center or piece of equipment to produce a new item.

**Setup Cost.** Costs such as scrap, calibration, downtime, and lost sales associated with preparing a resource for the next item.

**Setup Lead Time.** Preparation time needed before a manufacturing process can begin. Can include run and inspection time for the first piece.

**Setup Time.** (1) Time required to set up a work center to process an item. Used in work center capacity calculations. (2) Time required for a specific machine, resource, work center, or line to convert from production of the last good piece of a lot to the first good piece of the next lot.

**Severity Level.** A designation of the significance of an error found in a PCR or PCO document. Contains a reason code describing the error.

**SFC.** See *Shop Floor Control (SFC)*.

**Shelf Life.** The amount of time an item can remain in inventory before becoming unusable.

**Ship Complete.** Percentage of a requirement that must be shipped for the requirement to be considered complete.

**Ship SDP Code.** Shipping Ship/Delivery Pattern Code. A code specifying the days of a week or month when shipments or deliveries are accepted by a customer.

**Ship SDT Code.** Shipping Ship/Delivery Time Code. A code specifying the time of day when shipments or deliveries are accepted by a customer.

**Ship/Delivery Pattern (SDP).** An industry-standard code set (MFG/PRO supports AIAG and ODETTE) used to schedule ship and delivery dates. Used by update functions in both customer and supplier schedules.

**Shipment.** A business transaction involving transportation of goods from one location to another.

**Shipments Plan.** A plan projecting how much of a given product line will ship per month from a given site. Includes cost of shipments.

**Shipper.** A supplier document used to issue and structure shipments. Sent to the customer as an ASN. Identifies items and (optionally) all containers by individual shipment. The shipper constitutes the master container.

**Shipper Verification.** Verification that the structure and content of a shipment are valid.

**Shipping Group.** A set of source and/or destination addresses with shared shipping requirements, as dictated by legal jurisdiction, geographical considerations, or common business practice. An address may belong to multiple shipping groups, each identifying specific requirements for shipping to/from other addresses in a group.

**Shipping Labels.** Container and item labels. Usually bar-coded.

**Shipping Lead Time.** Number of working days normally required for goods to move between a shipping and receiving point. Includes acceptance time in days at the receiving point.

**Shipping Schedule.** Used for short-term planning of products, materials, and resources. Lists exact quantities with exact dates, usually covering a few days or weeks.

**Shop Calendar.** Calendars define the standard work week for a site and its work centers. They also define exceptions, such as scheduled overtime or shutdown periods. Calendars provide the basis for all manufacturing scheduling functions and are defined by site, work center, and machine. Each database must have at least one shop calendar.



**Shop Floor Control (SFC).** The process of recording actual labor time expended during manufacturing.

**Shop Order.** See *Work Order*.

**Shop Packet.** A package of documents used to plan and control movement of an order on a shop floor. Typically includes picking lists, drawings, tool lists, routings, and a shop order.

**Shrinkage Factor.** A percentage factor in an item master record that compensates for expected loss during a manufacturing order cycle either by increasing gross requirements or reducing expected completion quantity of planned and open orders. Differs from scrap factor in that shrinkage affects all uses of an item and its components.

**SIC Code.** See *Standard Industrial Classification (SIC) Code*.

**Significant Item Number.** An item number whose format is intended to convey information about the item such as its source, material, or shape.

**Simple Interest.** Interest paid on original principle only and not on interest accrued.

**Simulation.** The technique of utilizing representative or artificial data to reproduce in a model conditions likely to occur in the actual performance of a system.

**Simulation Planning.** The process of experimenting with alternate family plans and operations plans. An active plan can be copied into a simulation plan to model effects of changes to production due quantities, without endangering the active plan.

**Single-Level Backflush.** A form of backflush that reduces inventory only on next-level-down items of an assembly or subassembly. See *Back Scheduling*.

**Site.** An inventory and planning concept. All inventory is stored by site and all planning is done by site. Each site belongs to one and only one entity, but an entity can have multiple sites. Most functions work within one site—manufacturing orders expect to find all their components at the same site; MRP and DRP calculate requirements one site at a time. A few functions deal with multiple sites, such as multisite purchase or sales orders, distribution orders, distributed inventory inquiries, and EMT.

**Site Security.** Restriction of data entry at specific sites based on user security groups specified in User Maintenance (36.3.18) and Site Security Maintenance (36.3.16).

**SKU.** See *Stockkeeping Unit (SKU)*.

**SMP.** See *Symmetric Multiple Processor (SMP)*.

**SNF.** See *Standards-Neutral Format (SNF)*.

**SO.** See *Sales Order (SO)*.

**Sold-For Amount.** Amount of cash received from the disposition of a fixed asset.

**Source Matrix.** A record defining the nature of supply-and-demand relationships for end items. Identifies marketing sites that generate sales forecasts for an item, and defines how an operations plan calculation distributes an item's global production demands to supply sites. For an item, resembles a single-level DRP source network.

**Source Network.** For an item, a group of supply (or source) and receiving sites used in DRP. See *Supply Site*.

**Spares.** Components, assemblies, and equipment that are interchangeable with like items and can be used to replace items removed during maintenance.

**Specification.** A requirement or description. May include generic standards, requirements for quality, and other information that yields an accurate statement of the technical requirements of a material, item, or service and of the procedure to be followed to determine if requirements are met.

**Split Delivery.** A purchase order for a large quantity of goods to be delivered in stages. Allows a buyer to secure a lower price and control inventory investment.

**Split Lot.** A work order divided into two smaller work orders after the order is in process. Typically used to rush one part of an order through a manufacturing process.

**Splitting.** Dividing a fixed asset containing a group of individual items into separate assets. Splitting is also used for partial retirements and transfers.

**SQ.** See *Sales Quote (SQ)*.

**SR.** See *Service Request (SR)*.

**SSM.** See *Service/Support Management (SSM)*.

**Staging.** Reviewing material requirements for an order before material is required. Usually done to avoid problems associated with inaccurate inventory records.

**Standard Bill of Material.** See *Bill of Material (BOM)*.

**Standard Cost.** The usual cost of an operation, process, item, or product. Includes labor, material, and burden. Based on past costs, estimates, and work measurements.

**Standard Cost System.** A costing system where unit costs are determined prior to production. Actual costs are then compared to standard costs for control purposes and the variances computed.

**Standard Deviation.** A measure of the dispersion of data or a variable, calculated by taking the difference between averages and actuals, squaring each difference, averaging the squared differences, then calculating the square root of the average.

**Standard Industrial Classification (SIC)**

**Code.** A set of codes used to categorize companies into industry groupings.

**Standard Operation.** Operations common to building several products or applicable to different manufacturing routings. Can be predefined and reused in different routings. Can also be used with SSM to define operations common to the service of several products.

**Standard Version.** A published set of rules governing EDI, released by a standards controlling agency. Each version contains specifications for every EDI component.

**Standards-Neutral Format (SNF).** An abstract data definition for electronic business documents as contained in the EDI ECommerce exchange files or document repository, not biased toward any particular EDI standard.

**Start Date.** The date an order or schedule is to be released to a plant, based on scheduling rules. Must be early enough to allow time for completion of work, but not so early as to overload the plant.

**Statistical Value.** The value of a shipment at an EU border. Calculated differently by each EU country. Some countries include freight and insurance. Others calculate invoice value of goods. The system uses invoice value as the default, but the formula for calculating statistical value can be customized.

**Statutory Requirement.** A requirement stipulated by law.

**Std Pack Qty.** Standard Pack Quantity. A multiple in which orders for an item are shipped. Used to calculate a shipment so it conforms to packaging configurations. Used by MRP to determine quantity of planned orders. For example, if an order's multiple is 25, and order quantity is 122, MRP creates a planned order for 125.

**Stock.** (1) Items in inventory. Includes components and raw materials. (2) Finished products or service parts ready for sale.

**Stockkeeping Unit (SKU).** An item at a specific geographic location.

**Stockless Production.** See *Just in Time (JIT)*.

**Stores.** Any stored material used in making a product. Typically, raw and material components not intended for sale.

**Straight-Line Method.** Depreciation method that allocates asset cost evenly over its service life.

**Sub-Account Codes.** Optional component of an account number defined in GL setup functions. Other components of an account number are account, cost center, and project code. Account codes uniquely identify transactions and budgets for financial reporting. Sub-accounts provide additional detail on GL reports.

**Subassembly.** (1) An assembly or item used at a higher level to make up another assembly or item. A component, not an end item. (2) In PRM, a parent item that is assembled from its base components and delivered as part of project activity.

**Subcontract.** Using outside vendors to perform operations on a work order. Subcontract costs are recorded on the routing for a product.

**Subcontract Cost.** The standard cost per unit charged by subcontractors to perform an operation.

**Subcontract Item.** An item sent to an outside manufacturer for production. Received directly to a work order rather than inventory.

**Subcontract Lead Time.** The amount of time an operation spends at an outside supplier.

**Subcontract Rate Variance.** The difference between purchase order price per unit and subcontract cost per unit as captured in a cumulative order.

**Subcontract Time.** The number of days required for an outside supplier to process a lot.

**Subcontract Usage Variance.** The difference between subcontracted quantities received and work order quantities completed.

**Subfamily.** An item that is a component of a family hierarchy. Can be either an end item or a lower-level family item. See *Family Hierarchy*.

**Submenu.** A menu, selected from a higher-level menu, containing programs or other submenus.

**Subproject.** An intermediate level of a PRM project used to group item, labor, and expense components into related engineering units.

**Sum-of-the-Years'-Digits Method.** An accelerated depreciation method that provides a decreasing fraction to the asset depreciable basis. Each fraction uses the sum of the years' digits as the denominator and the remaining years in the asset's service life as the numerator. The numerator decreases each year while the denominator remains constant.

**Sums-Into Tax Zone.** A GTM reporting designation for a zone in which another zone is included.

**Supplier.** (1) A provider of goods or services. (2) An individual seller with whom a buyer does business, as opposed to a vendor, which is a generic term referring to all sellers in a marketplace.

**Supplier Lot Number.** Any distinctive combination of letters, numbers, symbols from which a complete history of the manufacture, processing, packing, holding, and/or distribution of a batch or lot of drug product or other material can be determined, which is defined and maintained by the supplier from which it was purchased. See *Receiving Site Lot Number*.

**Supplier Schedules.** Cumulative, schedule-driven purchase orders with multiple line items from which releases of requirements and due dates are issued. Sent *to* suppliers.

**Supply Chain.** See *Supply Chain Management*.

**Supply Chain Management.** The movement of goods and information from suppliers and multiple company sites through a manufacturing process. Includes focused factories (sites dedicated to specific manufacturing activities), consolidated purchasing, and establishment of global target inventory levels.

**Supply Site.** A site providing inventory to a marketing site. For manufactured items, usually a factory. For purchased items, usually the purchasing site. A marketing site can have multiple supply sites. The same site can be both a supply site and a marketing site. See *Source Matrix*.

**Supplying Source.** The point of replenishment for a kanban-controlled item.

**Symmetric Multiple Processor (SMP).** A computer system that includes more than one processing unit. In MRP and DRP runs, SMP computers can increase efficiency by distributing processing tasks over multiple processors.

**System Daybook.** The default daybook for all transactions not assigned to another daybook.

**System-Level Items.** Typically an item that is the parent or top-level item in a configured product structure.

## T

**Takt Time.** In a flow environment, the rate at which parts must be manufactured to satisfy demand. Also known as operational cycle time.

**Tare Weight.** In a shipment, the weight of containers only, exclusive of contents.

**Target Dataset.** An identifier associated with an NRM sequence. Can indicate who owns the sequence, or where its sequence numbers will be used. A sequence owner can be a process, a document, or other entity that a client can recognize. For example, the target dataset may be the name of the principal database field where numbers from a sequence are used.

**Target Inventory Level.** An anticipated required global inventory quantity. Except where manually specified for an item, this is calculated by the system to match global sales forecast for the number of upcoming weeks defined by the item's average weeks-of-coverage factor.

**Tax Base.** An amount subject to a tax rate. Multiplied by a tax rate to determine tax amount. Usually 100% of an item or trailer charge amount. Can be set up for a portion of an item amount, for an item amount plus other taxes, and so on. Specified when setting up tax rate records.

**Tax Class.** A code linking customers, suppliers, product lines, and items for tax reporting. For customers and suppliers, used to select a transaction tax environment (set of tax types). For items, used to select a tax rate for each tax type. The product line tax class simplifies item setup and can be used for reporting.

**Tax Code.** A code uniquely identifying individual tax rate records. Can be system- or user-assigned.

**Tax Discounting.** A practice in which tax amounts are calculated based on sales amounts minus credit terms discounts. Taxes can be discounted at invoice (based on anticipated discounts) or at payment (based on discounts actually taken).

**Tax Environment.** A set of tax types applying to a transaction involving specific ship-from and ship-to tax zones (and, optionally, customer and supplier tax classes). Determines which taxes apply.

**Tax Exemption.** An amount not subject to tax. Can be calculated by tax usage, customer or supplier tax class, or item tax class. If detailed reporting is not required, can be reported using tax type NON-TAX.

**Tax Point.** The moment in time in which a tax liability is incurred. In some countries, the moment goods are received. In others, the moment the supplier receives an invoice. Critical in countries with recoverable taxes on

purchases. Generally, a company is not allowed to deduct recoverable taxes on purchases against tax collected on sales until a supplier invoice is formally processed.

**Tax Rate.** (1) The percentage used to calculate tax. (2) A record containing this percentage, as well as other data used to describe the conditions under which the tax rate applies.

**Tax Type.** A code designating a class of separately calculated and reported tax. Usually identifies the geographic region associated with a tax type.

**Tax Usage.** A code identifying tax rates that vary based on an item's intended use or a company's nature of operation.

**Tax Zone.** A geographic region constituting a separate tax reporting district. Can be set up for countries, states/provinces, counties, cities, and postal codes, or for combinations of these.

**Tax Zone Hierarchies.** Used in GTM to set up reporting relationships. Often, transaction tax amounts for one zone are included in the tax reporting for another zone.

**Tax-Basis Amount.** Amount of a fixed asset investment that can be depreciated for tax purposes. This is normally the book acquisition basis.

**Taxable Base.** Denotes a specific transaction amount subject to tax. Similar to tax base.

**Taxing Authority.** The government branch, or representative, that is responsible for the collection of tax revenues from companies doing business within their jurisdiction.

**Temporal Rate Method.** A method used to produce translated financial statements. The Temporal Rate Method uses the closing exchange rate effective at the time of reporting to translate all monetary assets and liabilities.

Non-monetary assets and liabilities are translated at the historical or average period rate. Income and expenses are also translated at the historical or average period rate.

**Term.** The data element that links labels to specific fields, letting the system determine which labels display on screens and reports. The term is the same for all languages, and displays in all uppercase with underscores.

**Terms of Trade.** The terms that define who is responsible for paying a third-party supplier for transportation costs associated with the purchase of items.

**This Level Costs.** A category of costs representing a cost added at the current stage of manufacturing. For a purchased item, represents the purchase price at standard or current. For an assembled item, usually includes labor, burden, subcontract, and any overhead costs assigned.

**Thread.** Information associated with a single use of a program that runs multiple concurrent sessions on multiple computer processors. For example, when you run MRP or DRP using a Progress Application Server, you can specify multiple threads to control the number of processes available to the system for this purpose.

**Time Bucket.** A time increment used in planning, scheduling, and reporting. For example, weekly time buckets break information down into weekly periods. Weekly buckets are considered the maximum for MRP.

**Time Fence.** The number of calendar days inside of which MRP does not automatically make changes to a plan. For example, if an item has a time fence of 10 days, the system does not change existing firm planned orders or create new orders whose due dates lie within the next 10 days.

**Token.** In EDI ECommerce, a critical value communicated between an EC subsystem and MFG/PRO that conveys such data as trading partner identifier or document type.

**Tolerance.** The permissible variation of an item in quantity.

**TRADACOMS.** Trade Data Communications. An EDI standard used in the exchange of electronic business documents for domestic trade in the UK. This standard is administered by the Article Number Association (ANA).

**Trading Partner.** A company with which another company engages in buying or selling.

**Trading Partner Document ID.** In EDI ECommerce, a unique reference for a trading partner document as used by the EC subsystem.

**Trading Partner ID.** In EDI ECommerce, a unique reference for a trading partner as used by the EC subsystem.

**Trading Partner Library.** A set of EDI ECommerce definitions for the electronic business documents required by a particular trading partner or for a particular area of business functionality.

**Trailer Charge.** A sales order amount such as freight, service, handling, installation, or other special charges associated with a shipment. Can be taxed differently from line items.

**Transaction.** An individual event reported to a computer system.

**Transaction Currency.** The currency that a transaction is denominated in. Foreign currency transactions are only executed between two parties. Transaction currency is the same as document currency.

**Transaction Set.** An individual EDI business document for an EDI standard.

**Transaction Translation.** The calculation of the base-currency equivalent of a foreign transaction-currency amount.

**Transaction Type.** Broad classifications of business transactions, recorded in the system's transaction history. Examples include sales order issues, purchase receipts, and unplanned issues.

**Transformation Mapping.** An EDI ECommerce process that maps imported business documents into formats usable by the system and exported documents into formats usable by an external EC subsystem.

**Transient Product Structure.** See *Phantom*.

**Translation.** The transformation of financial reports, or summary financial reporting data, expressed in one currency to another currency. Translation is subject to rules dictated by accounting practice, and in some instances, legislation.

**Translation Adjustment.** A gain or loss created during the currency translation process that balances the financial statement in a reporting currency. The adjustment is necessary because different exchange rates are applied to different types of GL accounts, based on the translation method definition.

**Transport Days.** The lead-time, in days, required to transport goods from a shipping site to a receiving site.

**Transportation Network.** Description of a transportation process, including mode (truck, ship, train, and so on), shipping lead time, and days available for scheduling shipping and receiving.

**Transshipment.** The delivery of goods from a supplier to a primary business unit (PBU). The PBU then ships goods directly to an end customer. One of two EMT delivery methods. The other is direct delivery.

**Trend.** A multiplier applied to forecast quantities increasing or decreasing the quantities by an increasing or decreasing incremental amount each month.

**Trial Central Daybook Report.** Lists account data for a specified daybook or range of daybooks in summary form.

**Trial Daybook Report.** Lists individual entries for a specified daybook or range of daybooks, displays all data specified in the selection criteria, but does not update page and entry numbers.

**Triangulation.** According to EMU regulations, the method of calculation that is required for currency conversions involving the euro during the period when national currencies are considered a denomination of the euro. When converting between two national currencies, the original national currency must first be converted into the euro, and the resulting amount must then be converted into the second national currency. No alternative method of calculation can be used unless it produces identical results.

**Turnaround.** See *Changeover*.

**Turnaround Data.** In EDI ECommerce, imported data received from a trading partner and expected to be sent back on an associated exported electronic business document. This data is stored in an ECommerce table and added to the exported document during processing.

## U

**UM.** See *Unit of Measure (UM)*.

**Unapplied Payments.** Payments such as deposits and prepayments that do not apply to specific customer invoices, memos, or finance charges.

**Uniform Resource Locator (URL).** A text string that indicates the location of an intranet or Internet resource.

**Union Currency.** A currency that is comprised of several other currencies. An example of a union currency is the euro. The euro is comprised of the local currencies of the EMU member states.

**Unique ID.** An optional user-assigned identifier.

**Unique Key.** Fields unique to a record.

**Unit Cost.** The total labor, material, and overhead cost for one unit of production.

**Unit of Measure (UM).** The terms in which a specification is stated.

**Units-of-Production Method (UOP).**

Depreciation method that calculates depreciation based on items produced or units consumed from the asset.

**Unplanned Issue.** An issue transaction that updates quantity on hand when an order does not exist.

**Unplanned Receipt.** A receipt transaction that updates quantity on hand when an order does not exist.

**Unrealized Exchange Rate Gain/Loss.** The amount that the base currency value of an asset or liability, denominated in a foreign currency, has increased or decreased due to a fluctuation of exchange rates over time. Unrealized gains or losses occur before the settlement of an open asset or liability item when the potential for further exchange rate fluctuation exists.

**UOP.** See *Units-of-Production Method (UOP)*.

**URL.** See *Uniform Resource Locator (URL)*.

**US Exp.** United States Export Administration.

**Usage.** Number of units or dollars of an inventory item consumed over a period of time.

**Usage Variance.** The difference between actual consumption of a material compared to expected consumption.

**User ID.** User identification. Each user must supply a valid MFG/PRO user ID before log-in is allowed.

**Use-Up Logic.** The logic that allows MRP calculations to use existing quantity for an item, then switch to a new item. Typically used to implement engineering changes or allow for obsolescence or short supply of a current item.

**Utilization.** A measure of how intensively a resource is used. Equals direct time charged divided by clock time scheduled.

## V

**Value Added Tax (VAT).** A tax legislative system used in Europe and Asia.

**Variable Yield.** A process output that is not consistently repeatable in quantity or quality.

**Variance.** (1) The difference between what is expected, budgeted, or planned and what actually occurs. (2) In statistics, a measure of dispersion of data.

**VAT.** See *Value Added Tax (VAT)*.

**VAT Registration Number.** A company-specific ID code that appears on sales and purchasing transactions in European Union (EU) countries. Consists of a 2-digit alphabetic country code and a numeric or alphanumeric code.

**VDA.** Verband der Automobilindustrie e.V. (VDA). A set of fixed-format EDI standards developed to enable EDI between automotive manufacturers in Germany.



**Vendor.** A company or individual that supplies goods or services. See *Supplier*.

**View.** A mechanism that joins data from two or more tables. A browse uses a view for searching. See also *Join*.

**Voucher.** A document conveying authority to pay an invoice and record all relevant details on the nature of the liability and the payment. Verifies invoiced items and quantities against a purchase order and receiving records prior to processing payment.

## W

**Wait Time.** The time after a work order is worked on before it is moved to the next operation.

**Warehouse System.** A computer application used in an external warehouse system that exchanges data with MFG/PRO through the Warehousing Interface.

**Warranty.** An agreement to provide a customer a specified level of service for a specified time. Indicates exact terms and conditions.

**Waste Product.** A by-product with no economic value that can be considered a financial liability. May require an expense for disposal or removal.

**Weeks of Coverage.** A mechanism for calculating target inventory levels based on upcoming sales forecasts.

**Where Clause.** Record-selection criteria.

**Where-Used.** Logic determining where an item or assembly is used in a product's product structure.

**Wildcards.** Characters or symbols used in search or command functions in place of one or more letters or numbers.

**WIP.** See *Work in Process (WIP)*.

**Work Center.** A production area consisting of one or more people and/or machines. Considered as one unit for capacity requirements planning and detailed scheduling.

**Work Center Calendar.** The number of days and hours a work center is open for production. Shows exceptions such as scheduled overtime or shutdown periods.

**Work Codes.** Codes used to classify project or service activities according to the type of work associated with each.

**Work in Process (WIP).** A product in production that is not yet completed. Stages include raw material released for manufacturing, through completely processed material awaiting final inspection and acceptance as a finished product.

**Work Order.** A document, group of documents, or schedules authorizing manufacture of specified parts in specified quantities by a specified date. Can also be used to designate orders to a machine shop for tool manufacture or maintenance.

**Workbench.** A tool for developing combinations of records. Workbenches can be used for repetitive schedules, intersite demand, containers, and pre-shippers/shippers.

**Working Days.** Actual manufacturing days. Does not include planned shutdowns, holidays, or non-workdays.

**Worksheet.** A type of internal work order maintained in PRM and used to record details related to resource consumption for projects.

**Workstation.** The location where a worker performs a job, such as a machine or workbench.

## X

**XML.** See *Extensible Markup Language (XML)*.

## Y

**Yield.** The ratio of usable output from a process to its input.

**Yield %.** Yield Percentage. Percentage of acceptable quality of a manufacturing order.

## Z

**Zero Inventories.** A philosophy of manufacturing based on planned elimination of all waste and consistent improvement of productivity. See also *Just in Time (JIT)*.

Strives to:

- Have only needed inventory on-hand
- Improve quality to zero defects
- Reduce lead times by reducing setup times, queue lengths, and lot sizes
- Streamline operations to achieve these goals at minimum cost

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