# Infor XA – Production Monitoring and Control User's Guide

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# To the reader

This book contains the information you need to understand and run this application. The information in this book applies only to XA.

For a complete list of the books in the XA library, see the bibliography contained on the XA documentation CD.

## Before you begin

If you are not familiar with the System i, please complete the system education for the basic operating concepts of the system.

## What this book contains

Chapters 1 and 2 acquaint you with the application. Be sure to read the first two chapters before you use the instructions in the remaining sections. Use these chapters to understand how this application works and what you need to know to manage it.

The next group of chapters describes the options on the Main Menu. For example, Chapter 3 contains information about option 1 of the Main Menu. Each chapter includes information about how to use the displays associated with each option.

The last group of chapters describes the reports and forms for this application.

Use the appendixes to find information about preprinted forms, security areas, automated job submission and other functions specific to your application.

# Summary of changes

The following changes have been made to this application:

- **Integration with EPDM:** If EPDM is installed, the Production Monitoring and Control application is now fully integrated with the EPDM functions and Item Revisions replaces Item Master. While this guide might contain references to Item Master files, the functions in this application now use Item Revisions for item information. For more information, see the *Enterprise Product Data Management Concepts Guide*.
- **User exit to validate dates**: Use program UMITRN1R to perform additional edits to a date.
- **Edit Reason Code in IM Transactions**: For applicable transactions, the reason code can now be edited against a Reason Table that is maintainable in IM, PMC, PCC, and REP. Valid reason codes are edited for proper transaction ID when they are created. The user controls whether this enhancement is applied or not by maintain an Inventory Management Control File byte. The Reason Table is maintainable on the client.
- **Negative Inventory Flag**: A field was added to the Warehouse Master and Warehouse Location fields to control inventory going negative. The following file extensions were created: Item/Warehouse Extension (ITEMBX), Warehouse Master Extension (WHSMSX), and Location Data Extension (SLDATX). See the following table and scenario for information on hierarchy and process.

| Whs/Loc | Once | Never | Always |
|---|---|---|---|
| Once | Once, if whs qty >= 0 | Never | If whs qty >= 0 |
| Never | Once, if whs qty >= trn qty | Never | If whs qty >= trn qty |
| Always | Once | Never | Always |

**Scenario**:

If the Warehouse setting is *Never*, and the Location setting is *Always*, and the item is stored in more than one location, then any transaction can drive a location negative as long as the Item Balance does not also go negative.

Warehouse on-hand = 50 (Never)

Location LOC1 on-hand = 10 (Always)

Location LOC2 on-hand = 40

An issue of 15 from LOC1 would be allowed with the warning message *WAM3355 - New quantity on-hand is negative*.

However, an issue of 55 from either location would not be allowed. Instead, the system would issue error message *EAM3370 Negative balance on-hand quantity would be created*.

# Contents

# Chapter 1. Introducing Production Monitoring and Control

This chapter contains general information about the Production Monitoring and Control application (PM&C):



Some concepts and features that are common to most of the XA applications are discussed in two other books: *Getting Started with XA* and *Planning and Installing XA*.

- Menus and displays
- Group Job support
- Master file searches
- Audits and controls
- Security

## What Production Monitoring and Control does

The Production Monitoring and Control (PM&C) application lets you track the status of jobs, production facilities, and employees, based on up-to-the-minute production activity. As employees clock on and off jobs or move materials, they report this activity through terminals on the shop floor. Information can be entered or read by optically scanning bar coded documents that XA produces. PM&C receives the transactions as they are entered and updates the status of jobs and employees to reflect these changes. As a result, the shop floor can be more easily controlled since problems can be identified and resolved as they occur.

PM&C produces a shop packet for each order and prints material and operation information in bar code that is readable by the shop floor terminals.

PM&C provides an inquiry function to display the status of jobs, production facilities, and employees. The information on these displays reflects all transactions that have been collected from the shop floor. When using PM&C inquiry, you can find orders, production facilities, and employees by number or by an alphabetic search on description or name.

Besides providing management information to the shop floor, PM&C also updates the collected information to other production or accounting applications, such as Inventory Management (IM), Payroll (PR), Production Control and Costing (PC&C), Purchasing (PUR), and Repetitive Production Management (REP). PM&C relies on other production applications to supply information about current manufacturing orders or schedules. With PM&C you can:

- Print bar coded shop packets, employee badges, purchasing and manufacturing receiving tickets, container labels, and labor tickets.
- Track the status of production orders, including expected and actual component usage, operation quantities, miscellaneous charges, and order and operation schedule dates.
- Track the status of production schedules, including expected and actual component usage and schedule due dates.
- Track the status of purchase orders, including quantities received to dock, inspection, and stock, or returned to vendors.

- Display the prioritized work load for each production facility, and production facility analysis information calculated in PC&C.
- Print work lists that show, by production facility, the orders scheduled in that center and their relative priorities.
- Track employee absences.
- Identify the status of employees in a department or work crew based on shop transactions and absence data.

## The PM&C Main Menu

To understand the main functions of PM&C, look at the PM&C Main menu. The PM&C Main Menu has seven options that lead to secondary menus, which offer additional options.

```
AMJM00                 Production Monitoring and Control                **********
                                   Main Menu

Type option or command; press Enter.

     1. Inquiry >>
     2. Reports >>
     3. Transaction Processing >>
     4. Administration >>
     5. File Maintenance >>
     6. File Listings >>
     7. Plant Operations Interface >>

 ________________________________________________________________________

F3=Exit          F4=Prompt    F9=Retrieve    F10=Actions
F11=Job status   F12=Return   F22=Messages
```

**Option 1. Inquiry**. Use this option to inquire into orders, facilities, and employees.

**Option 2. Reports**. Use this option to print the Production Monitoring and Control reports.

**Option 3. Transaction Processing**. Use this option to enter or change transactions at a work station.

**Option 4. Administration**. Use this option to print badges, track employee attendance, and create user profiles for data collection work stations.

**Option 5. File Maintenance**. Use this option to add, change, or delete information about orders, facilities, employees, and schedules.

**Option 6. File Listings**. Use this option to print the contents of master files that Production Monitoring and Control owns or uses.

**Option 7. Plant Operations Interface**. Use this option to monitor and maintain the communications interface between an System i host system and remote locations in a distributed data collection system.

# How the information flows within Production Monitoring and Control

PM&C uses various shop floor terminals that are attached to personal computers that collect the transactions and then pass them to PM&C. When the transactions are received, they are normally passed to PM&C by the personal computer. However, if the system is temporarily unavailable (such as during a daily file backup), this arrangement allows the personal computers to continue to accumulate transactions. Once the system is again available, the transactions that have accumulated are sent from the personal computer to PM&C.

You can attach multiple data collection terminals to each personal computer and you can attach multiple personal computers to the same System i. To the system, these personal computers appear to be work stations at which operators are entering transactions. Because the personal computers are attached as local work stations, no communications adaptors are required on the system.

Figure 1-1 summarizes the flow of information in the Production Monitoring and Control application.

XA can produce bar coded documents, such as shop packet worksheets, picking lists, labor tickets, receiving tickets, physical inventory tags, quality control tickets, and container labels that can be used to enter transactions through the data collection terminals. The terminals can be configured to accept different transactions, depending on the type of manufacturing being performed:

- Discrete manufacturing
- Fast track time and attendance
- Inventory stock activity
- Purchase order receiving activity
- Physical inventory activity
- Quality control activity
- Repetitive manufacturing.

As transactions are received through the personal computers, PM&C updates the status of manufacturing and purchase orders, inventory, and employees. Inquiries and reports show the status of jobs, facilities, employees, inventory balances, and purchase orders.

Error transactions can be reviewed and corrected. The Transaction Edit Listing shows transactions that were used to update XA files in the following applications:

- Inventory Management
- Payroll
- Production Control and Costing
- Purchasing
- Repetitive Production Management.

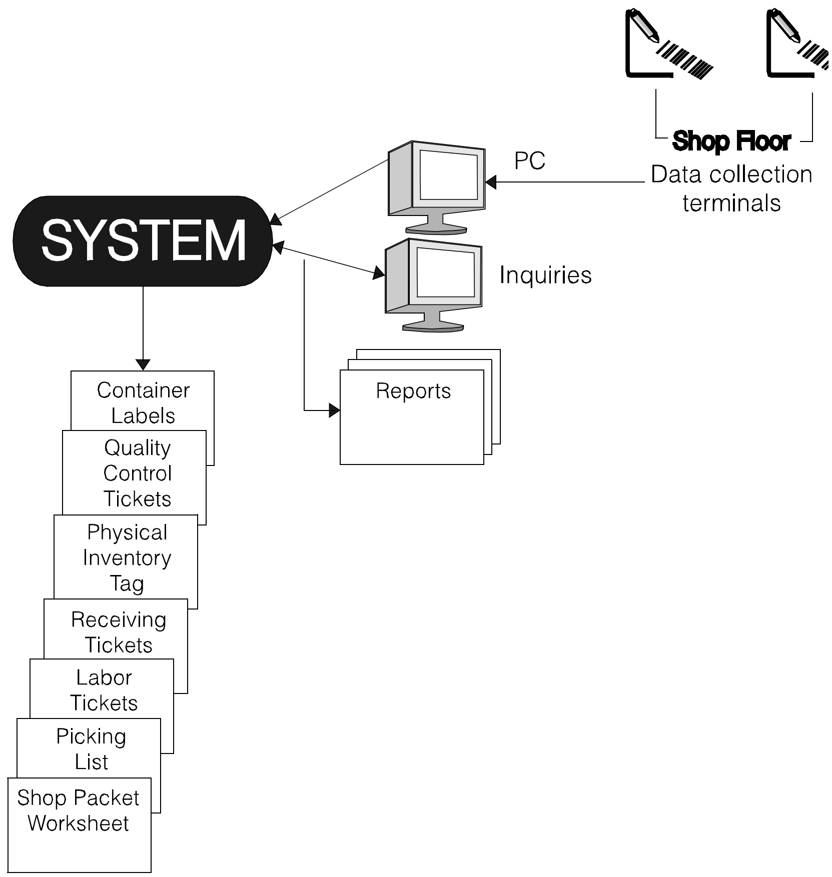


*Figure 1-1. Production Monitoring and Control information flow*

## How the information flows between Production Monitoring and Control and other applications

Production Monitoring and Control interfaces with these other XA applications:

- Inventory Management
- Payroll
- Production Control and Costing
- Purchasing
- Repetitive Production Management.

Inventory Management (IM) provides the summary order information and detailed component allocations, and uses the inventory transactions that are reported through PM&C.

Payroll (PR) receives employee time transactions. Employees can be paid for all time present or for time spent on production jobs. PM&C optionally can distribute break and lunch times, if paid, to different cost accounts.

Production Control and Costing (PC&C) provides operation information and, optionally, miscellaneous charges to PM&C. PM&C in turn updates PC&C with shop activity transactions and the status of the operations and charges.

If Purchasing (PUR) is installed, purchase order receipts, returns, and scrap entered in PM&C update the purchase order status information in PUR.

If Repetitive Production Management (REP) is installed, component transfers, production receipts, and production status can be entered through PM&C. PM&C updates the production line with the required information.

The section following shows the flow of information between Production Monitoring and Control and the other applications.

## Production Monitoring and Control interfaces

PM&C sends information to:

| | |
|---|---|
| **GL** | Transaction costs. |
| **IM** | Updates component issues and receipts. |
| **PC&C** | Updates shop activity transactions and operation status. |
| **PR** | Time and attendance and shop order information. |
| **REP** | Updates the component issues and receipts and the replenishment requests. |

PM&C receives information from:

| | |
|---|---|
| **IM** | Summary order information and detailed component allocations. |
| **PC&C** | Open order information. |
| **PR** | Employee data. |
| **PUR** | Open order information. |
| **REP** | Schedule information. |

## How the application is designed

In PM&C, a standard system structure supports the application and system functions. The structural elements you need to understand are:

- Menus and displays: Two basic types of information are displayed on the screen. One is a menu (a list of selections) from which you choose the tasks to be performed; the other is a display you use to perform a specific task.
- Automated job submission: You can initiate some application tasks from sources other than the XA menu system, using Application Program Interfaces (APIs).
- Data entry and update methods: Data entry can be done in one of two ways. Transactions can be entered into a data collection terminal that can be set up on the shop floor, or they can be entered through the Transaction Maintenance menu option.
- Master file searches: You can use master file searches to look up information in the master files Production Monitoring and Control owns or uses.
- Group Job support: You can use Group Job support to perform concurrently a number of interactive jobs from different applications at a single work station.
- Files: Files are collections of organized data. Files containing permanent data are called master files. Files that are used to store data until it is processed, printed,

or moved to a master file are called work files. All files are made up of records, which are made up of fields. A field is an item of data, such as a warehouse code.

- Security: Access to information in your files is regulated by security controls in the system and the application.

## Automated job submission

XA provides the ability to execute XA batch jobs from outside of the XA menu structure for the PM&C Transaction Register (AMJM30-05).

XA provides the necessary architecture modules to enable application tasks to be initiated from sources other than the XA menu system and to be initiated in a batch subsystem. In order to provide the most flexibility, the Cross Application Support (CAS) portion of this activity is done using a series of Application Program Interfaces (APIs). The end user cannot execute these APIs at an System i command line; they must be called by a batch or interactive program.

See Appendix C “Automated job submission for PM&C” for more information on the APIs.

## Data entry and update methods

The files in which you can add, change, or delete data are:

- Employee Absence
- Employee Master
- Manufacturing Order Detail
- Manufacturing Order Master
- Manufacturing Order Miscellaneous Detail
- Manufacturing Order Operation Detail
- Production Facility
- Work Schedule

The files are updated immediately after you press **Enter** when you use their respective maintenance displays.

## Master file searches

XA has master file searches that you can use to look up information in various master files. To begin a search, type a question mark **(?)** in a field that supports searching.

After you type a question mark in an eligible field, use **FIELD EXIT,** and press **Enter**. A display appears on which you describe the type of search you want and what you want to find.

## Files

Information in the Production Monitoring and Control application is maintained in the System Control file, master files, and work files.

## System Control file

The System Control file is the major system file for XA. It shows relatively unchanging information that is used by more than one application or operation. When you install an application and enter responses to the Questionnaire, the information is stored in SYSCTL. It contains the functional options you chose, the report options you chose, and any constant information you entered (such as company name). To change information in the System Control file, answer the Questionnaire again.

## Master files

These files contain information about your orders, production facilities, employees, work schedules, and control information.

***Manufacturing Order Master (MOMAST).*** The Manufacturing Order Master file contains one record for each manufacturing order or production schedule. Each record includes such information as item number, description, quantity ordered, quantity scrapped, quantity completed, and schedule dates.

***Manufacturing Order Operation Detail (MOROUT).*** The Manufacturing Order Operation Detail file contains the operation detail information, such as hours, cost, quantity, and status, for manufacturing orders and production schedules. The operation sequence number identifies a specific operation record for transaction updates. The operation detail records for an order or schedule can be shown using inquiries and detailed reports, maintained by file maintenance, and prioritized by work list generation.

***Manufacturing Order Operations Descriptions (MODESC).*** The Manufacturing Order Operations Description file contains the additional descriptions for your manufacturing order operations. The manufacturing order operation descriptions are printed on the shop packet worksheets and are maintained using file maintenance.

***Manufacturing Order Detail (MODATA).*** The Manufacturing Order Detail file contains one record for each manufacturing component material allocation. Each record includes such information as manufacturing component item number, description, quantity required, quantity issued, and required date.

***Manufacturing Order Miscellaneous Detail (MOMISC).*** The Manufacturing Order Miscellaneous Detail file contains the miscellaneous charge information, such as costs billed to this job, for manufacturing orders and production schedules. The miscellaneous charge number identifies a specific charge for updates. The miscellaneous detail records can be shown using inquiries and detailed reports and maintained using file maintenance.

***PM&C Control file (PMCCTL).*** The PM&C Control file contains user-set options that control certain PM&C functions. This file is in addition to the PM&C tailoring questions found in the tailoring function.

***Purchase Order Master file (POMAST).*** The Purchase Order Master file contains one record for each active purchase order in the application. This record contains information such as vendor name and address, ship-to and bill-to addresses, vendor contracts, and quote identification.

***Purchase Order Item file (POITEM).*** The Purchase Order Item file contains one record for each item on each purchase order.

***Purchase Order Blanket file (POBLKT).*** The Purchase Order Blanket file contains one record for each blanket release on a purchase order.

***Production Facility (WRKCTR).*** The Production Facility file contains rate, capacity, and input and output analytical information for each of your production facilities. You must have a production facility defined for each Routing and Manufacturing Order Operation master record. You can load and maintain your production facilities only with file maintenance.

***Employee (EMPMAS) .*** The Employee Master file contains one record for each employee. Each record contains such information as name, address, work schedule, department, and location.

***Work Schedules (SCHDTA).*** The Work Schedule file contains one record for each work schedule. Each record contains such information as the starting, ending, break, and lunch times, and the labor distribution information for the schedule. You can define up to 999 schedules, so that employees in the same shift can be scheduled for different break and lunch times, or can have their paid breaks distributed to different cost centers.

***Collected Transactions (TRDATA).*** This file contains the shop floor transactions received by the data collection terminal or entered in transaction maintenance. Transactions remain in this file after they update the master files until a master file save is processed.

***Transaction Description (TRNDSC).*** This file contains a record for each transaction type supported by PM&C.

***Employee Absence (ELVDTA).*** The Employee Absence file contains one record for each absence. Each record contains such information as the type of absence, absence status, time and date of the absence, and whether the absence was approved.

## Work files

Work files are temporary files created by PM&C to hold information such as transaction history or Payroll batches.

***Inventory Management History from PM&C (PMCIMW).*** This temporary file holds the Inventory Management transaction history information until you print the transaction registers, using the Transaction Processing menu option.

***Payroll Transactions from PM&C (PMCPRT).*** This temporary file is used to store information going to Payroll when you answer Yes to the question Create Labor Time Batches? If you create time batches and Payroll is not interfacing, the transactions are put into this file. If Payroll is interfacing, the transactions go directly into PRTRAN and are passed to Payroll.

***PM&C Offline Physical Inventory (PMCPHT).*** This temporary file is used if any physical inventory transactions, selected during transaction selection are encountered when you run the Prepare Transactions option on the Transaction Processing menu (AMJM30). All such transactions are placed in this file and processed through the IM offline entry for physical inventory transactions program (AMI5A), producing an edit list and creating a batch in IM. The master files are updated when you run the Physical Inventory Update option on the Physical Inventory menu (AMIM50) in IM.

## Major reports and file listings

Production Monitoring and Control provides the following reports that you can print:

- Manufacturing Order Status Report, which can be printed as a summary or detail report in production or accounting format. The report can show all open orders, complete orders only, or all orders. It can be sequenced by order number, due date, reference number, customer job number, or critical ratio.
- Shop Packets contain order information. The shop packets can, optionally, be printed in bar code and can contain the following documents:
  - Shop Packet Work Sheet. These show order summary information and a detail list of components, operations, and miscellaneous charges.
  - Material Pick Lists. These can be printed both by order, and in consolidated form so that all common components for a group of orders can be picked together.
  - Labor tickets for each operation.
  - Receiving tickets for each manufacturing order.
- Work List Generation reports, which include:
  - Work List, which shows running, waiting, and arriving orders for a production facility. Orders are printed in priority sequence within each group. The work list can be sequenced by facility, by facility within department, and by facility within foreman.
  - Critical Ratio Exception report that identifies those orders whose critical ratio is below a value that you specify. The orders are listed in ascending ratio sequence, so that the most critical ones are printed first.
  - Work Center Analysis, which shows the prime load code used to calculate queue hours, the work center capacity in hours per day, work center utilization, the queue status (whether above or below normal), the ratio of current queue to planned queue, the ratio of current queue to average queue, and the ratio of average queue to planned queue.
- Labor Transaction Preview, which shows the time and attendance and job transactions that were collected for each employee.
- Employee Status / Activity report, which shows the status of selected employees and detail transaction information.
- Purchasing receiving tickets, for your purchase orders.
- Transaction Processing reports, which include:
  - Labor Transaction Preview
  - Transaction Log
  - Transaction Edit Listing
  - Inventory Transaction Register
  - Transaction Preparation Totals
  - Repetitive Transaction Register — Posted Transactions
  - Repetitive Transaction Register — Transaction Totals

- File Maintenance reports, which include:
  - Manufacturing Order Master Maintenance Edit List
  - Manufacturing Order Operation Detail File Maintenance
  - Manufacturing Order Miscellaneous Detail File Maintenance
  - Manufacturing Order Detail File Maintenance Edit List
  - Production Facility Maintenance
  - Employee Maintenance Register
  - Work Schedule Maintenance Register
- Inventory Transaction Register, which shows all the IM transactions that have been posted.
- Repetitive Transaction Register–Posted Transactions and Transaction Register–Transaction Totals reports for Repetitive Production Management, which show all the REP transactions that have been posted.

Production Monitoring and Control also provides the following file listings:

- Production Facility, which shows the information in the Production Facility file by facility or facility within department
- Employee Master, which shows the permanent information in the Employee Master file
- Work Schedule, which shows the scheduled start, stop, break, and lunch times for each of the defined schedules.

## Inquiries

One of PM&C's primary goals is to provide current and easily available production status information. The types of information you can view at a work station are:

- Department Status: You can display employees of a selected department to see if they are absent or present. If absent, PM&C shows you if the employee is on an approved leave, such as vacation, if the employee has called in late, or if the absence is unexplained. If present, PM&C shows whether the employee is currently signed on to a job, has not yet started a job, or is between jobs.
- Production Facility Status: You can review summary or detail information about all orders for a given production facility within a due date limit by critical ratio priority.
- Production Facility: You can review current and standard rates, shift lengths, capacities, and other information for a production facility.
- Production Order Status: You can review summary information on all open manufacturing orders for an item or job. You can review detail information about component allocations, operation schedules, quantities, standards, descriptions, miscellaneous charges, and source of demand.
- Employee Activity: You can specify an employee by number or by name and review the transactions that the employee has entered through the shop floor terminals. You can also directly access transaction maintenance from this option.

- Employee Information: You can specify an employee by number or by name and display permanent information such as home address, home department, current status (the same as in department status inquiry above) and all existing absence information.

## Using eWorkPlace with XA documentation

eWorkPlace (eWP) is the Microsoft, Windows'-based graphical user interface (GUI) for XA. The eWP windows co-exist with the XA character-based displays, called Host screens. If you are using eWP, you can view the corresponding Host screen for any eWP window, if necessary.

**Note:** If you have modified a Host screen, the GUI default is used. The default GUI feature can be enabled or disabled.

The users' guides and help text contain instructions that reference the host XA screens (called panels and displays) rather than the eWP windows.

To understand how a Host screen instruction relates to an action on a eWP window, it is helpful to look for text on a window control that corresponds to the instruction. For example, Cancel on a button and on a File pull-down corresponds to the user guide instruction "use **F12=Cancel** to return to the previous display".

**Note:** For the instruction "press **Enter**", the corresponding control on a eWP window is an OK button.

The following table shows other examples of instructions from the documentation and the corresponding actions you take on the eWorkPlace window.

| Documentation instructions | eWorkPlace actions |
|---|---|
| To change the details of a vendor, type **2** next to the vendor and press **Enter**. | Select a vendor, then select Change or type C from the List menu or select Change using the right mouse. Click the OK button. |
| To create a vendor, use **F6**. | Select Create on the Functions menu or click the Create button. |
| Position to command. If you want to skip to a particular command, type the full or partial command. | Type the full or partial command in the position to entry field and click the Position button. |
| Type the information requested and press **Enter**. | Type values in or select values for the entry fields and click the OK button. |
| Type the information requested and use a function key. | Type values in or select values for the entry fields and click a button or select an action on the Functions pull-down. |
| Use the Item Master maintenance display to...... | Use the Item Master maintenance window to..... |

For more information about eWP, see *Getting Started with eWorkPlace*.

# Chapter 2. Managing Production Monitoring and Control

This chapter describes special functions and calculations that are found in the Production Monitoring and Control (PM&C) application.



In addition to the information covered in this chapter, you should read about data collection terminal keyboard templates and about tailoring transaction formats in Appendix A “DCT keyboard and transaction tailoring”. You also should read about ordering preprinted forms and supplies in Appendix C “Special forms” in *Planning and Installing XA* before you begin using PM&C:

## Before you begin PM&C operations

Before you can begin daily operations using PM&C, you should complete these tasks:

1. Define your work schedules and enter them into the data base using Work Schedule file maintenance.
2. Assign each employee to the work schedules you’ve defined using Employee Master file maintenance.
3. Print employee badges using option 3 on the Administration menu (AMJM40). Employees use bar coded badges to efficiently identify themselves to the system as they enter transactions on the shop floor.
4. Print all shop packets using option 2 on the Reports menu (AMJM20). Employees use the bar coded reports from shop packets to identify the orders they work on when they clock on and off jobs.
5. Print Purchasing receiving tickets using option 6 on the Reports menu (AMJM20). Employees use them when entering Purchasing receipt transactions for incoming purchase orders.
6. Print inventory tags using option 1 or 2 on the Physical Inventory menu (AMIM50). These tags are used when entering physical inventory counts.
7. Quality control tickets can be printed only by first selecting option 5 on the Inventory Reports menu (AMIM22), then choosing ***Items Waiting Inspection*** on AMIM22. These tickets are used to enter quality control transactions when stock is inspected.
8. Define your XA environment to the data collection programs on the personal computer using option 6 on the Administration menu (AMJM40). Use the profile identifier from this step when you configure the data collection programs during steps 10 and 11.
9. If you are using XA security, use option 2 on the Cross Application Support Security Maintenance menu (AMZM38) to grant security entry in CAS for the data collection user profile(s) you created in step 8. on page 2-1. For further information, refer to the Security Maintenance chapter in the *CAS User’s Guide*.
10. Install and configure the data collection programs on the personal computers you want to use as data collection work stations. You will need to supply a user profile identifier for this work station during the configuration process; make sure you use the one you assigned in step 8. (We suggest you use an identifier that indicates the environment in which this work station will operate.)

11. Sign onto the work station.

You are ready to begin data collection when the data collection terminal (DCT) prompts you for information.

# PM&C functions and calculations

Before you begin using PM&C, you should be familiar with the following topics covered in this chapter:

- Auditing collected transactions
- Backup and recovery for PM&C
- Controlled floor stock
- Data collection terminals to use with PM&C
- Elapsed time calculations
- Job reporting methods
- Machine and labor efficiency
- Miscellaneous charge status codes
- Multi-order reference numbers
- Operation duration
- Operation status codes
- Operation yield
- Adjust quantity per operation
- Order status codes
- Physical inventory
- Prime load codes
- Printers to use with PM&C
- Production facility capacity
- Production facility standard efficiency
- Quality control
- Shop activity sequencing
- Stock location detail
- Time basis codes
- Transaction types
- Turnaround numbers
- Unattached jobs for transaction processing
- Uncontrolled floor stock
- User - written transaction processing

## Auditing collected transactions

PM&C captures transactions that are entered through data collection terminals. If you want to generate a printed listing of these transactions, you can activate the Collection Audit Listing feature that tells PM&C to store the transactions it collects in a print file. (The Collection Audit Listing is activated when you first install PM&C.) The listing is useful for identifying problems in the shop floor transaction collection system when PM&C is first installed, or you can use it to create an audit trail for transactions entered at the shop floor terminals.

Using CAS, you can set up a special printer output queue without attaching a device, to use exclusively for collection auditing. When the Collection Audit Listing is activated, PM&C stores transactions entered on the shop floor in a print file, which you can assign to the special printer output queue you defined. If you do not set up a special queue, the print file is sent to one of your regular printer output queues, and the contents are printed either the next time you stop transaction collection on the personal computer, or when you deactivate the Collection Audit Listing by using option 4 on the Transaction Processing menu (AMJM30).

Because writing each captured transaction to a print file requires processing time, running with this feature enabled can affect performance on your system. For this reason, you might want to disable auditing once you resolve communications problems in the collection system. To deactivate the Collection Audit Listing, use option 4 on the Transaction Processing menu (AMJM30).

## Backup and recovery for PM&C

You should be aware of these special conditions for backup and recovery of PM&C.

When answering the tailoring questionnaire for CAS, indicate that you do not want transactions to be deleted from the system before backup. Recovery of the data in your master files will be more complete if this tailoring option (also called REUSE=NO) is in effect.

### What happens during backup processing

During backup, the records in the collected transaction file that have been successfully processed by the Prepare option are removed from the file. The transaction status of the records that have not been prepared is saved so that the system knows how to process them in case you have to restore your master files.

### What happens during recovery processing

During recovery, the transaction status that was saved during backup is compared to the current status of the transaction to determine whether or not the unattached job needs to reprocess the transaction. If reprocessing is required, PM&C identifies the correct unattached job, sends a trigger, and places the transaction in the appropriate job queue.

We recommend the following approach for recovering files in PM&C:

- Before recovery: Hold the unattached jobs through CAS, and stop host communications from the data collection work stations to which the data collection terminals are attached. (You can continue collecting transactions through the data collection terminals, but they will not be transmitted to the host System i until you restart host communications.)

- After recovery:
  1. Perform any necessary order entry or file maintenance. To determine what tasks need to be done, use the application log (AMZX6) that is printed during recovery. It contains a list of the menu options you processed since the last backup.
  2. Perform any necessary transaction maintenance.
  3. Release the unattached jobs using CAS. All transactions placed in the unattached job queues during Recovery are processed at this time.
  4. When the unattached jobs finish processing these transactions, run first the Select and Edit option and then the Prepare option to finish updating the master files.
  5. Resume host communications on the data collection work stations.

  Recovery processing clears the Labor Summary file. If REP is installed and interfacing, the PM&C batch member in the Repetitive Transaction file is also cleared. The System Control file is reset so that once Recovery is complete, you must run the Select and Edit option before you can run the Prepare option.

  **Note:** CC, ER, PH, TA, and ZZ transactions are exceptions to these procedures because these transactions are not processed by unattached jobs and they do not update master files. Instead, PM&C resets their transaction status such that they will appear on the necessary reports and, in the case of TA transactions, so that they can be applied to employees' time worked.

## Data collection terminals to use with PM&C

You can attach various data collection terminals to your data collection work stations. Contact your XA representative for more information on these terminals.

## Elapsed time calculations

PM&C collects ON/OF transactions and matches them to calculate elapsed time worked on an order. Elapsed time calculations work the same way for generated ON transactions that might occur with the off-only method of job activity reporting. To learn more about the off-only method, refer to "Job reporting methods" on page 2-8.

During transaction processing, order information is immediately updated in the routing file for PC&C to use. During preparation, PM&C updates labor for PC&C manufacturing operations and creates a Payroll batch with labor information. Therefore, information sent from PM&C to PR does not flow from PR to PC&C. The labor information for PC&C already has been updated.

Because the information passed to Payroll in this batch has already been updated in PC&C files, the data will not be passed from Payroll to PC&C when the Payroll batch is posted. Any additional records containing time and attendance information intended to update the order information should be entered through Payroll data entry into a new batch. If you use Payroll to enter records into a batch that PM&C created, no records with order information will be passed to PC&C.

### Time and attendance record matching

Time and attendance records are matched as follows. The employee's first time and attendance record is counted as an "in" record and begins a time and attendance elapsed time pair. The next time and attendance record is counted as an “out” record and provides the ending time for the previous time and attendance elapsed time record. Subsequent time and attendance records are paired in the same way until all records have been matched to create time and attendance elapsed time pairs with “in” and “out” times. Matched records are linked by updating each with the other’s transaction number.

| | Employee | Date | Time | Linked Record | Transaction |
|---|---|---|---|---|---|
| In | 01501 | **/**/** | 07:50 | 27 | 34 |
| Out | 01501 | **/**/** | 12:02 | 34 | 27 |
| In | 01501 | **/**/** | 12:31 | 35 | 48 |
| Out | 01501 | **/**/** | 16:35 | 48 | 35 |

*Figure 2-1. Time and attendance record matching*

## Job record matching

Job record matching is based on record type (production, setup, or indirect), job number (manufacturing order number), and operation sequence number. The “on” and “off” records are compared by job number, operation sequence number, and type (production, setup, or indirect labor). Elapsed time pairs are formed by matching “on” and “off” records. On and off records are matched in the same way even if you are using the off-only method of job activity reporting and the system generated the ON transaction. To learn more about job reporting methods and generated ON transactions, refer to “Job reporting methods” on page 2-8.

| Type | Employee | Job | Oper. Seq. | Date | Time | Trans. | Linked Trans. |
|---|---|---|---|---|---|---|---|
| Production-on | 01501 | M3728 | 0010 | **/**/** | 08:45 | 101 | 104 |
| Setup-on | 01501 | M3728 | 0010 | **/**/** | 08:13 | 102 | 106 |
| Indirect-on | 01501 | | | **/**/** | 16:23 | 103 | 105 |
| Production-off | 01501 | M3728 | 0010 | **/**/** | 16:22 | 104 | 101 |
| Indirect-off | 01501 | | | **/**/** | 08:43 | 105 | 103 |
| Setup-off | 01501 | M3728 | 0010 | **/**/** | 08:43 | 106 | 102 |

*Figure 2-2. Job record matching for on and off records*

## Time adjustment

Employee clock-ins that fall within a specified range can be adjusted to standard times. The four time ranges that can be specified for each work shift are:

- Shift start
- Lunch start
- Lunch end
- Shift end

Separate time ranges are specified for time and attendance and job records. To specify a time range, three times are required:

- Range start—the earliest time for the time range.
- Range end—the latest time for the time range.
- Standard time—the time that replaces the actual clocking when it falls within the time range.

Each transaction contains an actual start or stop time. The start time is compared to the shift start (early/late) and lunch early and late time ranges. If the actual start time falls within the time range (or is equal to the start or end of the time range), the standard time for shift start or lunch end is used as an adjusted start time. If the actual start time does not fall within the time range, the actual clocking is used for any time calculation.

Stop times are compared to the lunch start and shift end time ranges. If the stop time falls within the time range, the standard time is used as an adjusted stop time.

## Time calculation

The application calculates elapsed time for each record by subtracting the adjusted start time from adjusted end time and then extracts breaks and lunch from job records and lunch from time and attendance records. Up to five breaks per shift can be specified and extracted from job records. The breaks can be either paid or unpaid.

If the job begins or ends during a break, only the portion of the break spanned by the record is extracted. If the complete break time is spanned, the complete break is extracted. If more than one break or portion of a break is spanned, the total of all complete and partial breaks spanned is extracted.

A lunch period can be specified and extracted from both types of records when required. The time is extracted in the same manner.

If employees do not take their normal lunch period, or if they work irregular hours, you should review the Labor Transaction Preview. Use transaction maintenance to change or correct employee records.

### Variance time

Variance is the time lost between the end of one job and the beginning of the next. Variance time is the sum of the unreported (or lost) time between jobs. The variance time is calculated by subtracting the reported time from a balancing value.

A balancing value is calculated for each employee and is determined by the payment method specified in the employee's work schedule. For pay by time and attendance, the sum of time and attendance elapsed times is used. For pay by job, the adjusted earliest job-on time is subtracted from the adjusted latest job-off time to create the balancing value.

Variance time is calculated by taking the balancing value and subtracting the total of the employee's job times, total of the paid breaks extracted, and the amount of lunch extracted.

Unpaid breaks are not used for balancing time or for variance calculations. The unpaid breaks are used to reduce the individual job times in the balancing value.

After the variance is calculated, the application compares it to the variance limit. If the calculated variance is less than or equal to the variance limit, the calculated variance is awarded. If the calculated variance exceeds the limit, a message prints on the Labor Report. When pay is by time and attendance, the entire variance is awarded. When pay is by job, no variance is awarded when the limit is exceeded.

### Overtime and extra pay

Employees may receive extra pay because they have worked more than a specified number of hours in a day or a week. Payment for normal overtime such as this is calculated in the Payroll application. You should review the *Payroll User's Guide* for an explanation of the automatic overtime function. When an employee works on a weekend or holiday, however, the employee may be paid at a greater rate for the entire day, regardless of the number of hours worked. During transaction preparation, PM&C lets you specify, by date, whether to pay employees according to their normal rates, or whether to pay them at an enhanced rate.

### Overlap apportionment

An employee can work on several jobs simultaneously. For example, the employee may perform the setup on one machine while several other machines are performing operations for different jobs. The overlap apportionment function checks the employee's records for overlapped jobs and operations. If jobs overlap, the amount of overlapped time is apportioned equally between the jobs. Any time for paid or unpaid breaks is extracted before the apportionment is made. For example, an employee works on the following jobs:

| Order number | Operation sequence number | Adjusted start | Adjusted end |
|---|---|---|---|
| M0254 | 0010 | 9:00 | 10:45 |
| M0268 | 0020 | 10:00 | 11:30 |

There is a paid break from 10:15 to 10:30. The first job runs 1 hour and 45 minutes. The second job runs 1 hour and 30 minutes. The job time, after break extraction and apportionment, is 1 hour and 15 minutes for the first job; and 1 hour for the second job. The calculations for the overlapped job time are:

| | | |
|---|---|---|
| Overlap period | (10:00-10:45) | = 45 minutes |
| Paid break | (10:15-10:30) | = 15 minutes |
| Overlap time | | = 30 minutes |
| Overlap time/number of jobs | (30/2) | = 15 minutes |

On the Labor Report, overlapped jobs are shown by an “A” to the right of the job time to show apportionment has taken place.

| Order no. | Operation seq. no. | Non-overlap time | Overlap time | Elapsed time | Job time |
|---|---|---|---|---|---|
| M0254 | 0010 | 1:00 | :15 | 1:45 | 1:15 A |
| M0268 | 0020 | :45 | :15 | 1:30 | 1:00 A |

Overlap apportionment is used for labor hours only. Machine hours are not apportioned. Overlap apportionment works with the off-only method of job activity reporting when you use clocking windows. To learn about job reporting methods and clocking windows, refer to “Job reporting methods” on page 2-8.

### Machine time calculation

PM&C calculates machine time only if standard machine time is defined for an operation and neither the JOB ON nor the JOB OFF transaction is a CC (Crew Clock) transaction. It is calculated from the adjusted job start time and adjusted job end time, and, unlike labor time, is not apportioned. Breaks are extracted as specified in the Production Facility record, and lunch is extracted if lunch extract was specified for the work schedule.

Machine hours are used to update the Manufacturing Order Operation Detail file (MOROUT) and are included in the transactions passed to PR.

## Job reporting methods

PM&C supports on-off and off-only methods for reporting job activity. You define the reporting method to be used at each production facility by selecting a reporting method during production facility ID file maintenance.

The following describes the reporting methods, start-time overrides, and clocking windows you use to define job reporting methods at production facilities.

## On-off reporting

At facilities using on-off reporting, employees enter both ON and OF (off) transactions for each job. The application calculates job times by recording the time from when an employee enters an ON transaction to the time the employee enters an OF transaction. On-off job reporting provides the more accurate measure of job performance. The system tracks non-productive time between jobs and reports this as variance time.

## Off-only reporting

At facilities using off-only reporting, employees enter only OF transactions for each job. Each job’s start time is generated based on previous OF and TA transactions. Because employees enter only OF transactions, the transaction volume is half that of the on-off method.

Normally, in an off-only reporting system, the first OF transaction of the day uses the TA IN transaction for its ON time. You can “flag” any work schedule requiring TA transactions by adding a TA transaction required indicator to individual work schedules. You add the TA transaction required indicator during work schedule file maintenance. If you do not specify that a TA transaction is required and the employee does not enter a TA transaction, the start time for the first job defaults to the shift start time. If you specify that a TA transaction is required, and the employee does not enter a TA transaction, the application issues an error.

You can select off-only methods with one of two types of start-time overrides: full-ON override or ON facility-ID override. You specify the type of override when you select a reporting method during production facility ID file maintenance. In both types of overrides, OF transactions are required and ON transactions are optional for each job.

The following describes the two overrides:

**Full-ON override** All information used to report job activity (facility ID, start time, etc.) is used from the ON transaction to report any job started with an ON. For example, if an employee starts a job with an ON transaction, the start time and all other information from the ON transaction is used to report the job.

If an ON transaction does not exist, the start time for the job is the last OF transaction time. If no OF transactions exists, the start time is the first TA of the day. All other information from the previous OF transaction is used to report the job.

**ON facility-ID override** Only the facility ID is used from the ON transaction to report any job started with an ON. For example, if an employee starts a job with an ON transaction, the start time for the job is always the time from the previous OF. All other information, except the facility ID, is used from the previous OF transaction to report the job.

The start time for the job is the last OF transaction time. If no OF transactions exists, the start time is the first TA of the day. All other information is used from the previous OF transaction to report the job.

## Clocking windows

Because of the inefficiency of walking to a data collection terminal between each job, employees at off-only facilities may complete a number of short jobs and then enter all the job OF transactions at the same time. To determine which jobs the application groups together for time apportionment, you set a clocking window time.

When you set a clocking window time, the application calculates job times by:

1. Grouping jobs that an employee completed with OF transactions within a specified clocking window time
2. Determining a start time for the group based on previous transactions
3. Apportioning the total time among the jobs in the group

***Setting and using clocking windows.*** You can set the clocking window time from any time between 0:00 and 9:59 (one second less than ten minutes).

If the interval between two OF transactions is greater than the clocking window, the start time for the second job is assumed to be the OF transaction time for the previous job. For example, if you set the clocking window time to 5:20 (five minutes, twenty seconds) and an employee enters OF transactions at 10:00:00 and 10:00:15, the start time for the second OF transaction is 10:00:00.

If the interval between the two OF transactions is less than or equal to the clocking window time and neither job has overridden start times, they are treated as if they occurred at the same time. Their start time is assumed to be either the last TA transaction or the time of the last OF transaction that was not within the clocking window time. For example, if you set the clocking window time to 5:20 (five minutes, twenty seconds) and an employee enters OF transactions at 10:00:00, 10:00:15, and 10:00:30, the start time for the last two OF transactions is 10:00:00.

The clocking window resets with each transaction. For example, OF transactions entered at 10:00:00, 10:00:05, 10:00:30, and 10:00:38 are grouped together and assigned the same start times. This example assumes that the clocking window is set at 5:20 (five minutes, twenty seconds)

You can use clocking windows to have all jobs treated as if they occurred sequentially by setting the clocking window to 0:00. When the clocking window time is 0:00, the application assumes that the start time for each job is the previous OF transaction time. For example, if an employee enters OF transactions at 10:00:00, 10:04:00, and 10:09:00, the start time for the 10:04:00 transaction is 10:00:00 and the start time for the 10:09:00 transaction is 10:04:00.

## Machine and labor efficiency

Machine and labor efficiency are a function of the standard hours required to do a job and the actual time used to complete it, and are compared to a standard as a measure of how consistently resources are performing.

Prime load codes control whether the type of efficiency calculated is for machine or labor, or both. Time basis codes are used to calculate the standard hours that are used in the efficiency calculation.

PM&C calculates efficiency for run hours under the following conditions:

- The prime load code is 1, 2, 3, or 5.
- The time basis code is 1 through 4 or P.

Refer to ”Prime load codes” and ”Time basis codes” for definitions of these codes.

Efficiency is calculated in two steps:

1. First, the standard labor or machine hours are calculated based on the time basis code. The results are expressed in hours per order.

   If the Time Basis Code = 1,2,3,4 (expressed in hours per number of units):

   Standard Labor Hours = Transaction Qty * Std Machine Labor Hours Per Unit

   Standard Machine Hours = Transaction Qty * Std Machine Labor Hours Per Unit

   For this set of time basis codes, the results are expressed as hours per fixed number of units as defined by the time basis code chosen, and must be adjusted according to the time basis code so that the results reflect hours per order.

   If the time basis code is P:

   Because the calculation results are already expressed in terms of hours per order, no further calculation is required.

2. Then the efficiency is calculated based on the prime load code.

   If the Prime Load Code is 1 or 3 (expressed as machine efficiency):

   Efficiency = Standard Machine Hours / Actual Machine Time Used

   If the Prime Load Code is 4 or 5 (expressed as labor efficiency):

   Efficiency = Standard Labor Hours / Actual Labor Time Used

## Milestone group reporting

Milestone operation groups are normally defined in Product Data Management (PDM) as part of the routings for an item. However, if PC&C is interfacing, you can also define milestone groups in the operations for a specific item and order at the time that you release the order.

Milestone group reporting allows you to define several sequential operations within a routing as a milestone operation group. A milestone operation group begins with a milestone starting operation and ends with a milestone ending operation. When you use a milestone operations group, quantities are reported complete only at the milestone ending operation. All work reported as complete for the lot is assumed to be complete for all operations included in the milestone group.

You can use milestone groups differently in a job shop environment and a flow shop environment:

- In a job shop environment, all pieces in a lot normally move together from operation to operation. However, milestone group reporting allows work on intermediate operations (operations that occur between the starting and ending milestone operation) to be reported even though all pieces from preceding operations within the milestone group may not be complete.
- In a job shop environment, you can report scrap quantity or hours against an intermediate operation, even after the milestone quantity is reported complete. Any scrap you report will be used in calculating the quantity complete if you use completion code 2 (complete, quantity assured).
- In a flow shop environment, a series of stations (or facilities) may be working on a single manufacturing order simultaneously. Where discrete units are produced, this is known as a repetitive (assembly line) or a batch process oriented environment. The stations complete their respective tasks on approximately the same number of units per shift so that the line stays balanced. As each piece is completed, it can be moved to the next station.
- In a flow shop environment, unless you report scrap for intermediate operations, the completed quantity you report at a milestone ending operation is assumed to be the same for all preceding operations within the milestone group. If you do not report scrap, time and cost for intermediate operations are calculated based on the ending quantity.

When you create a milestone operation group for an order, you enter a specific code to differentiate a job shop milestone operation from a flow shop milestone operation.

For more information about how milestone groups affect time and labor reporting, see the *Production Control and Costing User's Guide*. For more information about defining milestone groups in routings, see the *Product Data Management User's Guide*.

## Miscellaneous charge status codes

The miscellaneous charge status distinguishes between expected charges with no activity, and those against which a cost has been received. When you add a charge through file maintenance, its status is always 10. The miscellaneous charge status codes are:

**10** Active. Planned, but charge not yet reported.
**20** Charge has been received.

## Multi-order reference numbers

The multi-order reference number is a ten-character alphanumeric field you can use to group manufacturing orders for both summary and detail reports. You can enter any value in IM order release data, either when a manufacturing order is created or by using Manufacturing Order Master file maintenance. You can print summaries and reports for groups of orders with the same reference code. A similar function exists for the customer order job number.

## Operation duration

Operation duration is the scheduled time between the start and the completion date of the manufacturing order operations. The move and queue time fields of each operation are scheduled as if they occur before the start date of the operation. These values are in days. Operation detail records contain the unit standard time fields with the same values they would have if stored in the Routing file. Standard times must be calculated by PM&C before they are presented on reports or used in calculations. This allows for a dynamic change of standard times as activity is reported against manufacturing orders. The calculation of operation duration needs five factors, in addition to the unit standard time fields:

- Time basis code
- Expected operation quantity
- Prime load code
- Work center standard efficiency
- Work center capacity

The following table shows the calculation performed to standard time (and standard labor cost and outside operation) from the standard time per unit fields. The first line of the chart shows the calculations when the time basis code is blank.

| Time Basis Code | Time Basis Factor | Standard Setup Labor Time | Standard Run Labor Time/Oper | Standard Run Machine Time/Unit | Standard Hours Remaining |
|---|---|---|---|---|---|
| blank | 1 | Used as is | QEO * TBF | EOP * TBF | (EOP - TQ) * TBF |
| 1 | 1/10 | Used as is | QEO * TBF | EOP * TBF | (EOP - TQ) * TBF |
| 2 | 1/100 | Used as is | QEO * TBF | EOP * TBF | (EOP - TQ) * TBF |
| 3 | 1/1,000 | Used as is | QEO * TBF | EOP * TBF | (EOP - TQ) * TBF |
| 4 | 1/10,000 | Used as is | QEO * TBF | EOP * TBF | (EOP - TQ) * TBF |
| P | N/A | Used as is | EOP/SRLHU | EOP/SRMHU | (EOP - TQ)/SRLHU + (EOP - TQ)/ SRMHU |
| H | N/A | Used as is | SRLHU | SRMHU | (EOP - TQ)/EOP * (SRLHU + SRMHU) |
| C | Unit cost | Not used | EOP * SRLHU (creates standard labor cost) | Not used | N/A |
| M | 1/60 | * TBF | EOP * TBF | EOP * TBF | (EOP - TQ) * TBF |

## Operation duration formulas

The calculations are:

ARLHR = SRLHU * EOP * TBF * (CYTPO/TCY)

SRMHR = SRMHU * EOP * TBF

where:

**ARLHR** Adjusted run labor hours
**CYTPO** Cumulative yield through previous operation
**QEO** Expected operation quantity
**SRLHU** Standard run labor hours per unit
**SRMHU** Standard run machine hours per unit
**TBF** Time basis factor
**TCY** Total cumulative yield
**TQ** Total quantity complete to date

**Note:** For TBC=H, standard run machine hours per unit and standard run labor hours per unit represent a fixed number of hours to produce the expected operation quantity. For TBC=C, standard run labor hours per unit represents the cost to produce or purchase a single unit.

The setup labor time is not adjusted by the expected operation quantity. The standard time is calculated without regard to the following so you can estimate costs separately from the critical time factors needed for scheduling:

- Operation duration
- Prime load code
- Work center standard efficiency

The prime load code defines the combinations of calculated or converted hours (all minute operations are converted) that must be accumulated for operation duration. This table shows the standard time factors added together in relation to the prime load code.

| Prime load code | Setup labor time/setup crew size | Run labor time | Run machine time |
|---|---|---|---|
| 0 | * No load hours accumulated | | |
| 1 | N/A | N/A | Add |
| 2 | Add | N/A | N/A |
| 3 | Add | N/A | Add |
| 4 | N/A | Add | N/A |
| 5 | Add | Add | N/A |

The operation duration setup and run hours must be converted to days for the scheduling routines. The work center capacity must be calculated for each operation and then divided into the operation's load hours to calculate the operation duration in days. When the operation status is 30 (labor reported) and the quantity to date is greater than zero, setup hours are not included in operation duration.

## Operation status codes

The operation status code distinguishes between open operations with no activity, open operations being worked on, and completed operations. The scheduling and work list (or dispatch operation sequencing) routines use this field to determine which time values go into the time remaining calculations for this operation. Using Manufacturing Order Operation Detail file maintenance, active operations can be made inactive and inactive operations can be started. Open operations can only be completed by using move complete transactions. PM&C always bypasses inactive operations when calculating remaining hours. Completed operations can only be reactivated using Manufacturing Order Operation Detail file maintenance.

You can request that inactive operations be printed within the Operation Detail list on your shop packet worksheets. The order status inquiries will always display inactive operations. The operations status codes are:

**00** Inactive, not used in scheduling.
**10** Active or released.
**20** The order has been moved to this operation.
**30** Activity has been reported.
**40** Operation complete. Activity reported as complete.
**50** Move completed (only if PC&C is tailored for moves to operation).

## Operation yield

Operation yield is used primarily by industries where loss occurs as a product moves through each stage or operation. The operation yield is expressed as a percentage of the parent quantity that will remain in the production process at the end of the operation compared to what came into the operation. The yield at an operation level has a cumulative effect as the product moves through subsequent operations. It affects the planned operation times and the component or ingredient requirements as they are introduced at future operations.

Operation yield should not be confused with component scrap or component loss. Operation yield is a loss in the parent quantity and component scrap is a loss of an ingredient during an operation. Component loss is typically because of evaporation, spillage or breakage, and is compensated for by increasing the component quantity.

The ***Operation Yield*** field is user-maintained and cannot exceed 100 percent or be a negative figure. It is stored in the Manufacturing Order Operation Detail file.

Cumulative Yield Through Previous Operation and Total Cumulative Yield are calculated by the system as operations are added to an order. Cumulative Yield Through Previous Operation is stored in the Manufacturing Order Operation Detail file and Total Cumulative Yield is stored in the Manufacturing Order Summary file.

## Adjusted quantity per operation

The Adjusted Quantity Per is calculated for each material at the operation where it is first used, using the following formula:

Adjusted Quantity Per = (Quantity Per * Cumulative Yield Through Previous Operation) / Total Cumulative Yield

The Adjusted Quantity Per is not stored, but is calculated when needed during inquiries and reports.

### Adjusted run hours

The run hours (machine and labor) in the Manufacturing Order Operation Detail file are also adjusted to compensate for yield. The Adjusted Run Hours are calculated for each operation, using the following formula:

Adjusted Run Hours = Run Hours * Cumulative Yield Through Previous Operation / Total Cumulative Yield

### Impact of operation yield on material requirements and operation run times

The following example illustrates the difference in calculating your material requirements and operation run times when you start using operation yield. The results will vary depending on where a material is introduced into the production cycle and the current yield at that operation and subsequent operations.

***Without operation yield or if operation yield = 100%.*** Product A has these characteristics recorded in the following files:

Product Structure:

| Component | Quantity Per | Operation Where First Used |
|---|---|---|
| B | 3 | 10 |

| Component | Quantity Per | Operation Where First Used |
|---|---|---|
| C | 4 | 20 |
| D | 1 | 30 |

Routing:

| Operation | Run Hours |
|---|---|
| 10 | 2.00 |
| 20 | 2.00 |
| 30 | 1.00 |
| 40 | 3.00 |

***With operation yield.*** The Manufacturing Order Operation Detail file now contains Operation Yield and Cumulative Yield Through Previous Operation. The Total Cumulative Yield is stored in the Manufacturing Order Master record. Adjusted Run Hours will be calculated when the operation is displayed or printed on Inquiry or Reports.

***Operations.***

| Operation | Run hours | Operation yield | Cumulative yield through previous operation | Adjusted run hours |
|---|---|---|---|---|
| 10 | 2.00 | 100% | 100% | 5.55 |
| 20 | 2.00 | 80% | 100% | 5.55 |
| 30 | 1.00 | 50% | 80% | 2.22 |
| 40 | 3.00 | 90% | 40% | 3.33 |
| Total cumulative yield: | | | 36% | |

***Component allocations.***

| Component | Quantity Per | Operation Where First Used | Adjusted Quantity Per |
|---|---|---|---|
| B | 3 | 10 | 8.33 |
| C | 4 | 20 | 11.11 |
| D | 1 | 30 | 3.33 |

The following table shows the impact that specifying and tracking operation yield can have on a product’s scheduling and material requirements:

| Task | Without Yield | With Yield |
|---|---|---|
| Scheduling: | | |
| Labor Hours | 8 | 16.65 |
| Material requirements (On a per unit basis): | | |
| Item B | 3 | 8.33 |
| Item C | 4 | 11.11 |
| Item D | 1 | 3.33 |

# Order status codes

## Manufacturing order status codes

The manufacturing order status code is used to distinguish between open orders with no activity, open orders being worked on, and completed orders. The shop activity and inventory transaction edits use this field to determine whether transactions can be reported against manufacturing orders. The manufacturing order status codes are:

**10** Released, but no activity reported.
**40** Order started. Material, labor, or miscellaneous charge reported.
**45** Material receipt (RM transaction) complete. Labor not complete.
**50** Labor activity (OC transaction) complete. Receipt not complete.
**55** Both material receipt and labor activity are complete.
**99** Order canceled. No activity reported.

A manufacturing order can only be created with an order status of 10. If you plan to cancel a manufacturing order, you must cancel it using Manufacturing Order Summary file maintenance while it is still at an order status of 10. All shop activity or inventory transactions change the manufacturing order status to 40.

When you have finished all shop activity update reporting for an order and have completed all of its operations (operation status is 40 or 50), you can use the Order Complete transaction to prevent further activity. Completed and canceled orders cannot be reported against. Only Manufacturing Order Summary file maintenance can be used to reactivate the order. Order status codes 45, 50, and 55 are changed to 40 and 99 is changed to 10.

## Purchase order status codes

The purchase order status code is used to indicate whether a purchase order requires confirmation, whether any activity has been reported on the order, and whether the order has been invoiced, completed, or closed. A purchase order can be created with a status of 10 or 20. If you plan to cancel a purchase order, you must cancel it using Purchase Order Maintenance. The purchase order status codes are:

**10** Confirmation required before processing.
**20** Confirmation received or not required.
**30** Activity reported.
**35** Invoiced complete. Receipt not complete.
**40** Order complete (buyer/receiving).
**50** Order complete (vendor/invoicing).
**60** Order closed.
**99** Order canceled.

## Physical inventory

During the item selection process that occurs at the beginning of the physical inventory cycle, you can print bar coded physical inventory tags for warehouse personnel to use as turnaround documents. Use the tags in place of Inventory Management's Cycle Count/Physical Inventory List for Controlled/Uncontrolled Warehouses.

The selection option for physical inventory tags is on Inventory Management's Physical Inventory Selection Report Options display (AMI5A1).

PM&C will collect PH transactions sent through data collection. After the transactions are collected, you should run select and edit for the physical inventory transactions. After a review of the transaction edit list, you should run prepare transactions. During the prepare, a physical inventory offline load batch is created and put in a suspend status in IM. The difference quantity is calculated during the prepare. You can make additional changes to transactions in the physical inventory batch in IM.

## Printers to use with PM&C

In order for PM&C's bar coded reports to print correctly, you must use a printer that supports Intelligent Printer Data Stream (IPDS) output. Contact your XA representative for more information on such printers.

When printing on laser printers, you must use narrow format Shop Packet and Pick Lists.

When loading paper into your printers, be sure to load paper with green bars on one side so that the bar codes print on the plain white side. Your data collection terminals may have difficulty scanning bar codes that are printed on a nonwhite background.

## Prime load codes

The prime load code identifies the critical operation time factors necessary to schedule an offset of each operation's scheduled completion date from its start date (scheduled or actual).

The prime load code is posted with the Manufacturing Order Operation Detail records when they are created in order release and in file maintenance. The code can be entered with Production Facility file maintenance and retrieved in order release with a standard routing or by entering a production facility ID. You can change the prime load code of any operation with a status of 10 (no activity reported) by changing the production facility ID using Manufacturing Order Operation Detail file maintenance.

The prime load codes are:

**0** No hours accumulated
**1** Run machine hours
**2** Setup labor hours
**3** (Setup labor hours/setup crew size) and run machine hours
**4** Run labor hours
**5** Setup labor and run labor hours

## Production facility capacity

The production facility capacity is calculated both by the scheduling routines and the production facility analysis routines. The scheduling routines convert operation duration from hours to days using the production facility capacity in hours per day. You have to maintain the shift length hours and number of people or machines (normal shift capacity) in the Production Facility file for each shift worked in the production facility. The system retrieves these values and calculates normal capacity.

The formula for normal daily production facility capacity is the sum of three shift capacities:

WCAP = ((LEN1 * CAP1) + (LEN2 * CAP2) + (LEN3 * CAP3))

where:

**CAP** Is the number of shop order/operations normally worked on at one time.
**LEN** Is the number of men or machine hours (prime load code or PLC) normally applied against an order during a shift.
**WCAP** Is the production facility capacity (in average daily hours).

1, 2, and 3 designate the shift.

For operations scheduling, the formula for the number of hours per day that an operation will be working is:

Working Hours per Day = WCAP / LCAP

where LCAP is the largest of all three shift capacities.

## Production facility standard efficiency

Production facility standard efficiency is used, along with the prime load code, to calculate operation duration in the scheduling and work list priority routines. Standard efficiency is calculated as follows:

Standard Efficiency = Average Standard Output / Average Actual Output

Standard efficiency is divided into the operation duration hours to offset them from the way they appear on the Shop Packet Worksheet and Order Status Detail reports, versus the way operation duration hours appear on the Work Lists and Production Facility Analysis reports.

Wherever the prime load code is used, the production facility standard efficiency is used. The four main areas are:

- Scheduled operation start and due dates
- Scheduled order time remaining
- Work list priority calculations
- Production facility analysis calculations

## Quality control

You can print bar coded quality control tickets to use in conjunction with Inventory Management's Items Waiting Inspection reports during your quality control inspection process.

The selection field for quality control tickets appears on Inventory Management's Items Waiting Inspection (Select) display (AMIQA1). For more information and for a description of the quality control status codes, refer to the *Inventory Management User's Guide*.

## Shop activity sequencing

When you process shop activity in sequence, the system requires that Operation Complete transactions occur before Move Complete transactions on a particular operation. Move transactions must be consecutive when you use the Move-to-Next-Operation transaction.

At any time you can begin reporting activity at any number of operations in any order. If you process shop activity out of sequence, the system processes all status changes without checking previous operation status.

## Stock location detail

If IM is interfacing, PM&C can print the location detail on the Shop Packet Worksheet and Pick List. These detail locations can be either discretionary allocations or unallocated quantities. For more information about discretionary allocations and unallocated quantities, refer to the *Inventory Management User's Guide*.

## Time basis codes

The time basis code is used to convert standard operation run time fields in order to develop standard operation run labor times, run machine times, and run labor costs (for outside operations). The codes are listed later in this topic.

The time basis code and the unit standard time fields are posted with the Manufacturing Order Operation Detail records when they are created in order release and in file maintenance. Manufacturing operations with a time basis code of M (minutes) prompt the user to enter time in minutes during shop activity update. These values can be entered using Routing file maintenance and retrieved in order release or they can be entered using data entry at the work station. You can change the code and standard time values with file maintenance for any operation with a status of 10 (no activity reported).

**Note:** Operations that have times defined in minutes are automatically converted to hours where required.

The time basis codes are:

| | |
|---|---|
| **blank** | Hour per unit |
| **C** | Cost per piece (for outside operation) |
| **H** | Hours per lot |
| **M** | Minutes per piece |
| **P** | Pieces per hour |
| **1** | Hours per 10 units |
| **2** | Hours per 100 units |
| **3** | Hours per 1,000 units |
| **4** | Hours per 10,000 units |

## Transaction types

Employees use PM&C to report several kinds of labor and material activity through shop floor terminals. Each type of activity is represented by a two-character transaction type. Sometimes, these transactions are further described by subtype codes. When employees enter transactions through shop-floor terminals, they show what kind of activity they are reporting by pressing a selection key that represents one of these type/subtype combinations.

The transaction types supported by PM&C are:

- CC (Crew clock): CC transactions allow multiple employees to clock on or off the same job without reentering the transaction detail information. The first employee clocks on or off using the normal ON or OF transaction. The other employees then enter a CC transaction that PM&C converts to an ON or OF transaction with the same time, order, and operation information as the original transaction.

  Because CC transactions are normally converted to other types, you should not see them on reports and inquiries. If you do, an error occurred that prevented the system from converting it correctly.

  CC transactions can be entered only at shop floor terminals.
- CL (Component transfer to line): CL transactions are used in a repetitive manufacturing environment to report movement of a component item to the production line from storage or to counteract CN transactions. CL transactions cannot be negative, and you cannot deactivate them once they have been processed by the unattached job.
- CN (Component return to stores): CN transactions are used in a repetitive manufacturing environment to report the return of a component item previously pulled from the production line back to storage or to counteract CL transactions. CN transactions cannot be negative, and you cannot deactivate them once they have been processed by the job.
- CQ (Cyclic item quality control complete): CQ transactions report that quality control activities for a cyclic item are completed.
- ER (User-recognized error): Employees enter ER transactions when they recognize an error in a transaction they have just entered. ER transactions appear on the transaction edit register, and show that the preceding transaction needs correcting.
- IP (Planned issue): IP transactions can be entered for Inventory Management or Repetitive Production Management.

  Inventory Management IP transactions report that an individual component has been partially or completely issued to a single manufacturing order. These transactions differ from the Pick Complete by Order (PC) transaction, for which all components are issued at once for an order.

Inventory Management IP transactions are valid only if your system is tailored for manufacturing order tracking and this order's open order status code in the Manufacturing Order Master file is not 45 (material complete), 55 (material and labor complete), or 99 (order canceled).

Repetitive Production Management IP transactions issue components to the schedule as part of the REP function called backflushing.

As finished items roll off of a REP production line, a Scheduled Receipt (RM) transaction is entered to record the quantity completed. This RM transaction generates REP IP transactions to backflush from the line locations the amounts of components used to build the finished items. Backflushing reduces the location's on-hand balance and issues the components to the schedule, where the components' costs are added to the schedule's materials costs.

- IS (Miscellaneous issue): IS transactions report issues that are not charged to customer or manufacturing orders.
- IU (Unplanned issue): IU transactions add a component to a manufacturing order and create an issue transaction. Use these transactions when a bill of material is missing a needed component as part of the product structure. Use them also to add new or different components to a rework order, for special tooling, or to add consumable supplies to an order. IU transactions are similar to an Inventory Management Miscellaneous Issue (IS) transaction, except that an IU transaction applies the issue to an order.

  An unplanned issue does not affect allocation quantities unless the required quantity is greater than the issue quantity.
- IW (Interwarehouse issue): IW transactions report that an item is being issued from one warehouse or location to another. These transactions decrease the quantity on hand in the sending warehouse. The receiving warehouse must use an Interwarehouse Receipt (RW) transaction to increase its quantity on hand.

  If the quantity being transferred is waiting for inspection, the on hand balance at either warehouse does not change.
- MC (Miscellaneous charge): MC transactions post costs against miscellaneous charges that are defined for an order. If you enter it at a work station, you can use this transaction to add charges that are not already part of the order.
- MQ (Manufactured item quality control complete): MQ transactions report that quality control activities for a manufactured item are completed.
- MV (Move): MV transactions are used to move a job to another operation or location. To use MV transactions, you must select one of these move options during application tailoring: no move transactions, move-to-next-operation transactions, or move-to-next-location transactions.

  When processing shop activity update transactions in sequence, PM&C handles move transactions according to the PC&C tailoring options in effect.

| Tailoring option | Transaction input | | | Fields updated in order summary | | |
|---|---|---|---|---|---|---|
| **Move option** | **Transaction type** | **Current operation** | **Next operation** | **Order location** | **Current order production facility** | **Order operation** |
| No moves | Labor complete | Labor complete | N/A | Next operation facility | Next operation facility | Next operation |
| Move transactions are not allowed. | N/A | N/A | N/A | N/A | N/A | N/A |
| Move to next operation | Labor complete | Labor complete | N/A | Current operation facility | Current operation facility | Current operation |
| | Move from | Move from | Move to | Current operation facility | Current operation facility | Current operation |
| | Move from complete | Move from complete | Move to | Next operation facility | Next operation facility | Next operation |
| Move to work area | Labor complete | Labor complete | N/A | Current operation facility | Current operation facility | Current operation |
| | Move from | Move from | N/A | Current operation facility | Current operation facility | Current operation |
| | Move from complete | Move from complete | N/A | Entered location (no edit) | Current operation facility | Current operation |
| | Labor transaction | N/A | Labor reported | Next operation facility | Next operation facility | Next operation |

*Table 2-1. Shop activity move transactions (sequenced updates)*

**Note:** When PM&C processes shop activity transactions out of sequence, the results are unpredictable, and might not agree with the figure.

The current location of the order is either the last completed operation (operation status 40) before the first operation with no activity reported (operation status 10), or the first active operation (operation status 20 or 30) within the order's operation sequence.

If your system is tailored for either no moves or moves to work area, then PM&C classifies an operation as waiting if its status code is 10 and the status code for the previous active operation is 40 (operation complete).

- OC (Order complete): OC transactions show that all production activity for an order is complete. They are valid only when all operations have status codes of 40 or higher.
- OF (Off): OF transactions show that an employee is clocking off a job. An OF transaction has four subtypes that show what kind of labor is involved:

**S** Setup
**R** Run
**I** Indirect
**M** Milestone

If you enter a scrap quantity on an OF transaction with subtypes S, R, or I, an SM transaction will be generated to report the quantity scrapped. An OF transaction with an M subtype cannot have scrap, and PM&C considers such transactions to be in error.

- ON (On): ON transactions show that an employee is clocking onto a job. An ON transaction has three subtypes that show what kind of labor is involved:

  **S** Setup
  **R** Run
  **I** Indirect

- PA (Physical inventory—additional item): PA transactions report the actual count of an unexpected item found during physical inventory. As soon as a PA transaction enters the system, PM&C converts it to a PH transaction and creates a location record in the Location Quantity file for the unexpected item.

  You can enter PA transactions only through a data collection terminal. Once they are entered, you must maintain them as PH transactions.

- PC (Pick complete): PC transactions generate Planned Issue (IP) transactions to report that the components of an order have been either completely or partially picked.

  For controlled warehouses, if the items have been allocated through discretionary allocations the generated IP transactions show those locations. If the items have not been previously allocated, the generated IP transactions contain no location information, and you must use transaction maintenance to add location information before applying the IP transactions to the master files. For uncontrolled warehouses, IP transactions do not require allocations or location information.

  The PC transaction cannot be changed using transaction maintenance.

- PH (Physical inventory): PH transactions report the actual count of an item found in the warehouse.

- PQ (Purchased item quality control complete): PQ transactions report that quality control activities for a purchased item are complete.

  This transaction is valid only if your system is tailored for purchase order tracking and the purchase order status field in the Purchase Order Master file is not 40 (vendor complete), 50 (buyer complete), or 99 (canceled).

- PS (Production status): PS transactions record production status information for components on a repetitive production schedule.

- QC (Quality control approve/reject entire location): QC transactions report quality control approval or rejection for the entire contents of a location. QC transactions may be used in place of any of the other quality control reporting transactions (CQ, MQ, or PQ) when the entire contents of a location have been approved or rejected. If the item in the location was placed there by receipts from multiple orders, the system will automatically generate a separate MQ or PQ transaction for each order.

- RC (Miscellaneous receipt): RC transactions report receipts for items that do not have open orders. No order quantities are updated when this transaction is used to report a receipt. Items requiring inspection upon receipt are put into stock, but the item balance is not increased.

- RD (P.O. Receipt to dock): RD transactions report that a purchased item has been received at the dock. You do not have to use this transaction, but it can provide valuable information when you are following up on purchase order status.

  This transaction is valid only if your system is tailored for purchase order tracking and the purchase order status code in the Purchase Order Master file is not 40 (vendor complete), 50 (buyer complete), or 99 (canceled).

- RI (P.O. Receipt to inspection): RI transactions report the movement of a purchased item from the receiving dock to inspection.

This transaction is valid only if your system is tailored for purchase order tracking and the purchase order status field in the Purchase Order Master file is not 40 (vendor complete), 50 (buyer complete), or 99 (canceled).

- RL (Replenishment): RL transactions are used in a repetitive production environment to record stock pulled to replace items used on the line.
- RM (Production receipt): RM transactions can be entered for Inventory Management or Repetitive Production Management.

  Inventory Management RM transactions report that a manufactured item has been placed in stock. These transactions increase the item balance. A negative production receipt quantity means that an item has been withdrawn from stock and returned to manufacturing for repair or rework.

  When the received item requires inspection on receipt, the status is changed to waiting and the item balance is not updated.

  When a production receipt is reported, controlled floor stock components must be accounted for as an issue to update the item balance. To that end, this transaction generates Planned Issue (IP) transactions for any existing controlled floor stock components. If your system is tailored for work-in-process storage area, the generated IP transactions contain ST01 as the location. If not, or if there is no stock in ST01, you must use transaction maintenance to enter the correct information.

  This transaction is valid for Inventory Management only if your system is tailored for manufacturing order tracking and the order status code in the Manufacturing Order Master file is valid.

  In a Repetitive Production Management environment, RM transactions are used to record the quantity completed when a finished item comes off the production line. The IP transactions generated by a REP RM transaction are used to backflush from the line locations the amounts of components used to build the finished item. The backflushing reduces the locations' on-hand balances and issues the components to the schedule, where the components' costs are added to the schedule's materials cost.
- RO (Operation reporting): RO transactions are used in a repetitive production environment to report completed units at selected reporting points. Components are backflushed from the reported operation back to the previous reporting point or to the first operation.
- RP (P.O. Receipt to stock): RP transactions report that a purchased item has been placed into stock. The item balance is increased. A negative purchase receipt quantity means that an item has been withdrawn from stock and returned to the vendor for rework or replacement.

  This transaction is valid only if your system is tailored for purchase order tracking and the purchase order status code in the Purchase Order Master file is not 40 (vendor complete), 50 (buyer complete), or 99 (canceled).

  You cannot use RP transactions for items requiring inspection on receipt; instead, use a Purchase Order Receipt to Inspection (RI) transaction.
- RS (Return to stock): RS transactions report that an item previously issued has been returned to stock from manufacturing. This transaction causes a recalculation of the average and last costs of the item, but it does not change the allocated quantity of the item for the manufacturing order.

  This transaction is valid only if your system is tailored for manufacturing order tracking and the open order status code in the Manufacturing Order Master file is 45 (material complete) or less.

If there are no duplicate components on the manufacturing order, the return is fully applied to the single component allocation record in the Manufacturing Order Detail file. If there are duplicate components, the returns are applied according to the following explanations up to the last duplicate—unless they are to be applied to a specific record, as indicated by entering a user sequence number. The last duplicate has any remaining quantity applied to it.

- Positive returns are applied to the first multiple component with a positive issued quantity until the unissued quantity is zero. The remainder of the return quantity is then applied to subsequent component records, unless it is to be applied to a specific record as indicated by entering a user sequence number.
- Negative returns are applied to the first multiple component with a positive unissued quantity until the issued quantity is zero. The remainder of the return quantity is then applied to subsequent component records, unless it is to be applied to a specific record as indicated by entering a user sequence number.

- RW (Interwarehouse receipt): RW transactions report the receipt of an item from another warehouse. This transaction increases the quantity on hand in the receiving warehouse. The sending warehouse must use an Interwarehouse Issue (IW) transaction to decrease its quantity on hand.

  If the quantity being transferred is waiting to be inspected, the on-hand balance is not affected in either warehouse.

- SA (Sales shipment): SA transactions are typically used when Customer Order Management (COM) is not interfacing to IM to report the shipment of sold items. These transactions update the Item Sales file if SA is interfacing, unless the item is not a sales analysis item. They also update period sales information that MRP and MPSP use. You can enter an SA transaction if COM is interfacing to IM, but no COM files will be updated. To enter this transaction via the data collection terminal, use the SH transaction.

  When an item is returned through a negative transaction, the quantity on hand is updated regardless of whether the item requires inspection on receipt.

- SC (Component scrap): SC transactions can be entered for Inventory Management or Repetitive Production Management.

  Inventory Management SC transactions report that components on a manufacturing order have been scrapped. SC transactions are valid for Inventory Management only if your system is tailored for manufacturing order tracking and the open order status code in the Manufacturing Order Master file is not 45 (material complete), 55 (order complete), or 99 (canceled).

  Scrapping a component does not affect the quantity allocated for that component. The total quantity allocated for a component is the sum of all unissued quantities for that component on all orders that have not been flagged as completed. The unissued quantity of a component on an order is the quantity required (positive requirement only) less the quantity issued. Scrap quantity is not considered. If you need to reissue a scrapped quantity, you can either add the scrapped quantity to the quantity required through Manufacturing Order Detail file maintenance, or enter Planned Issue (IP) transactions to “over-issue” the item.

  In a Repetitive Production Management environment, SC transactions are used to report that components that were damaged during the manufacturing process have been scrapped.

- SM (Manufacturing order scrap): SM transactions can be entered for Inventory Management or Repetitive Production Management.

Inventory Management SM transactions report that partially-completed end items on a manufacturing order have been scrapped.

This transaction is valid for Inventory Management only if your system is tailored for manufacturing order tracking, PC&C is not interfacing, and the open order status code in the Manufacturing Order Master file is not 45 (material complete), 55 (order complete), or 99 (canceled).

SM transactions generate Planned Issue (IP) transactions to account for controlled floor stock components (if any exist) in the item balance. If your system is tailored for work-in-process storage area, the generated transactions contain ST01 as the location. If not, or if there is no stock in ST01, you must use transaction maintenance to enter the correct information.

An SM transaction can be generated by an OF transaction if a quantity is reported scrapped by an OF transaction with a subtype of S, R, or I. The transaction does not show up on any reports, but it is written to history.

In a Repetitive Production Management environment, SM transactions report that partially-completed units of the scheduled item have been scrapped. The REP IP transactions generated are used to backflush the amounts of scrapped components into the on-hand balances at the line locations.

- SP (Purchase order scrap): SP transactions report that an item on a purchase order has been scrapped. SP transactions are valid only if your system is tailored for purchase order tracking and if used before the item is placed in stock.
- SS (Scrap from stock): SS transactions report that items in stock have been scrapped because of spoilage, breakage, or other reasons. SS transactions are the only scrap transactions that decrease the quantity on hand.
- TA (Time and attendance): TA transactions show when an employee enters or leaves the work place.
- TW (Interwarehouse transfer): TW transactions complete both the issue and the receipt of an item during an interwarehouse transfer. This transaction generates an Interwarehouse Issue (IW) transaction to decrease the quantity on hand in the sending warehouse, and an Interwarehouse Receipt (RW) transaction to increase the quantity on hand at the receiving warehouse. This way, you can use a single TW transaction instead of individual IW and RW transactions.

  When the quantity being transferred is waiting to be inspected, the on-hand balance is not affected in either warehouse.

  The transaction amount for the issue is calculated by multiplying the Item Balance file’s standard, average, or last cost (based on an application tailoring option) for the issuing warehouse by the transfer quantity. The transaction amount for the receipt is the calculated issue cost if the transaction amount for the interwarehouse transfer was not typed in; otherwise, it is the amount typed in.

  Use the reference field to tie the issue and receipt together. The reference information prints on the Inventory Transaction Preview as an aid in identifying associated interwarehouse issues and receipts.

  You cannot change the TW transaction using transaction maintenance. Instead, change the generated IW and RW transactions.
- VR (Purchase return to vendor): VR transactions report that stock from a purchase order is being returned to the vendor for replacement or credit and issue corresponding debit memos in the Purchase Order Debit Memo file.

  This transaction is valid only if Purchasing is installed and the purchase order status field in the Purchase Order Master file is not 40 (vendor complete), 50 (buyer complete), or 99 (canceled).

- ZZ (User-defined transaction): ZZ transactions are transactions your company defines for its own purposes. PM&C does not apply ZZ transactions to any master files. You might use them to report activity that does not fit one of the transaction types listed above.

  ZZ transactions are stored in the Transaction Data file until you run the Prepare option, at which time they are moved to the ZZUSER file. After this point, you are responsible for removing them from the system.

  To use ZZ transactions, you must write programs to process them. Refer to “User-written transaction processing” on page 2-34 for more information.

## Turnaround numbers

A turnaround number is a unique number assigned to an order, parent item, component item, release, operation, location, or record. Turnaround numbers affecting orders and schedules are assigned when the record is created regardless of whether PM&C is installed and interfacing. Turnaround numbers affecting quality control and physical inventory transactions are assigned when a specific action is taken on a file only when PM&C is installed and interfacing. Most are assigned when the record is created, but some are assigned when a specific action is taken on a file. All turnaround numbers are used as fast-path record identifiers, and remain with the record until it is deleted.

Table 2-2 summarizes the assignment and associated PM&C transactions for each XA file that uses turnaround numbers.

| File name | How/when number is assigned | Associated PM&C transactions |
|---|---|---|
| Manufacturing Order Master (MOMAST) | When a manufacturing order is created. | PC, IU, MV, OC, RM, SM |
| Manufacturing Order Material Detail (MODATA) | When a manufacturing order is created. | IP, RS, SC |
| Manufacturing Order Miscellaneous Detail (MOMISC) | When a miscellaneous charge is entered against a manufacturing order. | MC |
| Manufacturing Order Routing (MOROUT) | When a routing operation is created for a manufacturing order. | MV, ON, OF, RO, SM |
| Purchase Order Master (POMAST) | When a purchase order is created. | Not currently used by PM&C |
| Purchase Order Item Detail (POITEM) | When a purchase order is created. | RD, RI, RP, SP, VR |
| Purchase Order Blanket Release (POBLKT) | When a blanket release is created on a purchase order. | RD, RI, RP, SP, VR |
| Location Quantity (SLQNTY) | Assigned as follows, in one or both of these situations:<br>To each record selected to appear on the Items Waiting Inspection report when you print quality control tickets<br>To each record selected to appear on the Physical Inventory Selection report when you print physical inventory tags. | CQ, MQ, PH, PQ, QC |
| Receipts to Inspection (SLRCPT) | Assigned to each record selected for Items Waiting Inspection report when you print quality control tickets. | MQ, PQ, QC |
| Replenishments (RPLMNT) | Assigned to each record created in this file either during the Repetitive Production Management application's Prime the Line option, or during processing of a replenishment transaction. | CL, CN, IP, RL, SC |
| Employee Master (EMPMAS) | No turnaround number in the file—instead, PM&C uses the employee number to create a bar-coded turnaround number that is printed on employee badges. | Used on all transactions that PM&C processes |
| Pick Header (MBCLREP) | When a COM pick list is generated. | Not currently used by PM&C. |
| Pick Release (MBCNREP) | When a COM pick list is generated. | Not currently used by PM&C. |

*Table 2-2. Master files that use turnaround numbers*

PM&C calculates turnaround numbers as follows:

1. A seven-digit base turnaround number within the 1 to 9999999 range is retrieved from the SYSCTL file. Then a file designator is appended to the front. The file designator identifies the file in which the completed turnaround number is ultimately stored. These are the file designators PM&C uses for calculating turnaround numbers:

   **0** Employee Master
   **1** Manufacturing Order Master
   **2** Manufacturing Order Detail Master
   **3** Manufacturing Order Operation Detail Master
   **4** Manufacturing Order Miscellaneous Detail Master
   **5** Purchase Order Master
   **6** Purchase Order Blanket
   **7** Purchase Order Item Master
   **8** Replenishment
   **9** Reserved
   **10** Reserved
   **11** Location Quantity
   **12** Receipts to Inspection
   **13** Pick Header
   **14** Pick Release
   **15-18** Reserved

   **Note:** After a base turnaround number is retrieved from SYSCTL, the number in SYSCTL is incremented by one in preparation for building the next turnaround number.

2. Modulus 10 check digit is calculated and attached to the end of the number from step 1 as follows:

   Each digit is alternately multiplied by 1 or 2, moving from right to left and beginning with 2. The sum of all the digits in the resulting products is subtracted from the next highest multiple of 10, and the difference is the check digit.

   For example, if the number from step 1 is 19374583, the check digit is calculated as follows:

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 9 | | 3 | | 7 | | 4 | | 5 | | 8 | | 3 | | |
| 1 | | 18 | | 3 | | 14 | | 4 | | 10 | | 8 | | 6 | | |
| 1 | + | 1+8 | + | 3 | + | 1+4 | + | 4 | + | 1+0 | + | 8 | + | 6 | | = 37 |

*Table 2-3. Sample check digit calculation*

3. The next highest multiple of 10 is 40, leaving a difference of 3; when appended to the end of the original number, the completed turnaround number is 193745833.

Before assigning a turnaround number, PM&C checks to ensure that the number is not already in use. If the number is in use, PM&C goes back to the SYSCTL file to get the next number and performs the calculation again.

# Unattached jobs for transaction processing

As transactions and changes are received by PM&C through the data collection terminal, the Plant Operations Interface, and through Transaction Maintenance, the proper files are updated by a series of programs running in the background. These background programs are controlled through the Cross Application Support Unattached Jobs displays. (For more information, refer to the *Cross Application Support User's Guide*.)

The jobs start automatically when the first user begins a transaction maintenance session, or the first transaction collection work station is signed on. They run until they are deliberately stopped or held using the Cross Application Unattached Job Status (Update) display (AXZDU1).

After the jobs are started, they are activated by triggers sent through data queues. The triggers are sent when transactions are collected from the shop floor and when transactions are entered or changed in maintenance; when the Select and Edit options identifies error-free transactions that have been selected but not processed.

PM&C uses three separate unattached jobs to process transactions. The first is the PC&C Transaction Update job (AMJUA), which handles the PC&C transactions. The second is the IM/REP Update Control job (AMJUB), which consolidates transaction triggers for the IM and REP transactions and forwards a single trigger to the third job. The third is the IM/REP Transaction Update job (AMJUC), which uses the appropriate application programs to post regular inventory, quality control, and REP transactions; and also during Recovery for transactions that need to be updated to the restored master files.

# Dedicated mode processing

Some dedicated procedures such as Backup will automatically hold the unattached jobs. However, if you need to perform dedicated mode processing such as Backup/Recovery while PM&C unattached jobs are running, the operator could take the following steps:

1. Stop host communications from the personal computer.
2. Hold the unattached jobs from the CAS Unattached Job Status (Update) display.
3. Perform backup/recovery or other dedicated mode processing.
4. Release the unattached jobs.
5. Resume host communications from the personal computer.

The unattached jobs will start again as soon as the first transaction is received from the shop floor.

# Job conflicts

When another job (such as the MRP planning run) needs to use the master files that the unattached transaction processing jobs are using, the PM&C jobs can still be active even though there may be a conflict defined. However, processing of the transactions is deferred until the MRP planning run sends a trigger to the unattached job to resume processing.

When the UJOBS are starting and a conflicting job exists, the UJOB is put on HOLD. The UJOB then must be released through unattached job maintenance in CAS.

## JOBACT file

Unattached jobs use the XA JOBACT file. As long as such jobs are running, this file must not be deleted or cleared. Otherwise, they might terminate abnormally with unpredictable results.

## User-written transaction processing

You can write programs to do additional processing against collected transactions. For instance, you might want to archive the transactions in a history file. Or, if you are using ZZ (user-defined) transactions, you might want them to update your files in some way as transactions are collected.

After the calculations and transaction formatting are completed for the Prepare Transactions option (option 3 on menu AMJM30), PM&C looks for a procedure named AMJPZZ and calls it if it is found.

## Processing unidentified transactions

PM&C has a program-described file called ZZUSER2 with a record length of 128 positions. If PM&C encounters a transaction it is not equipped to handle, the transaction is written to the ZZUSER2 file processed no further. You are responsible for maintaining the ZZUSER2 file.

See Appendix D, “User-defined transaction types” for more information on user-defined transaction types.

# Chapter 3. Inquiry

An inquiry is a request for information to be shown on the display. When you select option 1 on the Production Monitoring and Control Main Menu (AMJM00), the Inquiry menu (AMJM10) appears. This menu has 6 options to allow you to view current information about your company's manufacturing orders, production facilities, departments, and employees at your work station.



**Note:** You can make inquiries from this menu or from the Group Job menu. Some inquiry options may not be available to you if your company has tailored the standard Group Job menu.

```
AMJM10              Production Monitoring and Control              **********
                                 Inquiry

Type option or command; press Enter.

     1. Department Status
     2. Production Facility Status
     3. Production Facility
     4. Production Order Status
     5. Employee Activity
     6. Employee Information





==> _________________________________________________________________________

F3=Exit          F4=Prompt    F9=Retrieve    F10=Actions
F11=Job status   F12=Return   F22=Messages
```

**Option 1. Department Status**. Use this option to view the current status of employees in a particular department.

**Option 2. Production Facility Status**. Use this option to view the detailed work load or summary analysis information for production facilities.

**Option 3. Production Facility**. Use this option to view the detailed information about production facilities. This option is not available if EPDM is activated.

**Option 4. Production Order Status**. Use this option to view the detail status of a specific order.

**Option 5. Employee Activity**. Use this option to view transactions entered by a particular employee.

**Option 6. Employee Information**. Use this option to view permanent information, the current status, and all absence information for a specific employee.

# Option 1. Department Status (AMJM10)

Use this option when you want to see information about the status of employees in a particular department.

**What information you need:**

- The company number for which you want to view information
- The number of the department for which you want to view information
- If you want to see information about a particular shift, the number of the shift you want to see
- If you want to see information about a specific employee category, the type of employees you want to see.

**What reports are printed:** None.

**What forms you need:** None.

The basic steps to inquire about department status follow each display.

# AMJAA1—Department Status Inquiry (Select)

Use this display to specify the categories of employees that you want to view. The ***SHIFT*** and ***INCLUDE*** fields have default values, which you can bypass or override with valid values.

This display appears when you select option 1 on the PM&C Inquiry menu (AMJM10).

```
 DATE **/**/**            DEPARTMENT STATUS INQUIRY      SELECT     AMJAA1   **

 COMPANY #   A2
DEPARTMENT aaA4
SHIFT <0-3> n
    INCLUDE n
            1-ALL EMPLOYEES
            2-ABSENT EMPLOYEES
            3-EMPLOYEES PRESENT / NOT ON JOB






                                                      F24  END OF JOB
```

## What to do

- To view information concerning the employee status of a particular department, type in the company number, department number, the shifts that you want to see, and the category of employees that you want to include. Press **Enter**. Your selection is edited. If no errors are found, display AMJAA2 appears.
- If you leave the ***DEPARTMENT*** field blank, the first department in your company appears. If you leave the ***SHIFT*** and ***INCLUDE*** fields at their default values, all employees are shown.
- To end the session, use **F24**. Go to the PM&C Inquiry menu (AMJM10).

## Function keys

F24 END OF JOB ends the inquiry and causes the PM&C Inquiry menu (AMJM10) to appear.

## Fields

***COMPANY #.*** Type in the identifier for the company about which you are inquiring.

***DEPARTMENT.*** Type in the identifier for the department about which you are inquiring. If you leave this field blank, the first department in the selected company appears.

***SHIFT <0-3>.*** Type in the shift that you want to see. The default value is 0, which shows all shifts. Valid values are:

**0** All shifts
**1** First shift
**2** Second shift
**3** Third shift

***INCLUDE.*** Type in a code to further specify the employees you want to see. Valid values are:

**1** All employees

**2** Employees who have been absent (no transactions entered) since the start of their scheduled shifts

**3** Employees not currently signed on to a job

# AMJAA2—Department Status Inquiry (Inquiry)

Use this display to review the status of employees selected on display AMJAA1.

This display appears when you press **Enter** on the Department Status Inquiry (Select) display (AMJAA1). The category of employees that you selected is shown on the second line of the display, below the display title. If error transactions exist for an employee, that employee's record is highlighted.

```
DATE **/**/**              DEPARTMENT STATUS INQUIRY      INQUIRY    AMJAA2   **
                                 ALL EMPLOYEES
COMPANY **   DEPARTMENT ****   SHIFT *
NUMBER NAME                      S CREW    LOCATION  STATUS

*****  ************************ *  ***    **** ***** *************************
*****  ************************ *  ***    **** ***** *************************
*****  ************************ *  ***    **** ***** *************************
*****  ************************ *  ***    **** ***** *************************
*****  ************************ *  ***    **** ***** *************************

                                                       USE ROLL UP/DOWN
                                                       F14 PREV DEPARTMENT
                                                       F15 NEXT DEPARTMENT
                                                       F19 RETURN TO SELECT
                                                       F24 END OF JOB
```

## What to do

- To see the first page of employees in the selected department again, press **Enter**.
- To see transactions for a specific employee listed on this display, place the cursor anywhere on the line with the employee's name and press **Enter**. The Employee Activity Inquiry displays appear with detailed transaction information for that employee. When you have finished viewing that information, use **F24** to return to this display.
- To see information for the next department in your company, use **F15**.
- To see information for the previous department in your company, use **F14**.
- To return to the Department Status Inquiry (Select) display (AMJAA1), use **F19**.
- To end the session, use **F24**. Go to the PM&C Inquiry menu (AMJM10).

## Function keys

USE ROLL UP/DOWN to scroll up and down through the list on the display.

F14 PREV DEPARTMENT shows the previous department for the selected company.

F15 NEXT DEPARTMENT shows the next department for the selected company.

F19 RETURN TO SELECT causes the Department Status Inquiry (Select) display (AMJAA1) to appear again.

F24 END OF JOB ends the inquiry and causes the PM&C Inquiry menu (AMJM10) to appear again.

## Fields

***COMPANY.*** The company you are reviewing.

***DEPARTMENT.*** The department you are reviewing. If you did not enter a department on display AMJAA1, this is the first department in the selected company.

***SHIFT.*** The shift you are reviewing.

***NUMBER.*** The employee's number.

***NAME.*** The employee's name.

***S (SHIFT).*** The employee's shift, 1 through 3.

***CREW.*** The work crew, if any, to which the employee is assigned.

***LOCATION.*** The employee's home department and facility. If PC&C is interfacing and the employee is currently working on a job, the current facility ID appears. Otherwise, the employee's home facility ID appears.

***STATUS.*** The employee's status in one of the following formats:

| | |
|---|---|
| **OUT** | The employee is absent and there is no absence entry. |
| **LT: c tt:tt** | The employee has called in late, where c is a one-character code indicating the reason, and tt:tt is the expected time of arrival. Reason code and expected arrival time have been entered through Absence Entry and Approval (option 1 on the Administration menu, AMJM40). |
| **AB: c tt:tt dd/dd/dd a** | The employee is absent, and an absence entry has been entered through Absence Entry and Approval (option 1 on the Administration menu, AMJM40). The codes in this example show that the employee is absent (c) and plans to return on the date (dd/dd/dd) and at the time (tt:tt) shown. The code (a) indicates if the leave request is approved (A), requested only (R), or rejected (X). |
| **IN: tt:tt Not yet on job** | The employee is present and has not yet worked on a job. tt:tt is the time that the employee arrived. |

**IN: tt:tt Off job tt:tt** The employee is present and has worked on at least one job, but has clocked off all jobs. The first tt:tt is the time that the employee arrived; the second is the time that the employee clocked off the last job.

**ON: j j j j j j j OP: oooo Type: t** The employee is in, working on order j j j j j j j and operation oooo. Type code (t) is a value of R, S, or I to indicate whether the employee is doing run, setup, or indirect labor. If an employee is signed on to multiple jobs, this shows only the most recent job.

**SCHEDULE NOT DEFINED** The employee is not assigned to a valid work schedule, and the system cannot determine whether the employee is present or absent.

# Option 2. Production Facility Status (AMJM10)

Use this option when you want to review the open operations in a designated production facility.

**What information you need:** The production facility ID.

**What reports are printed:** None.

**What forms you need:** None.

The basic steps to inquire about production facility status follow each display.

# AMC010—Production Facility Status (Select)

Use this display to specify the site and the production facilities that you want to view for status and work load information.

This display appears when you select option 1 from the PC&C Inquiry menu (AMCM10) or option 2 from the PM&C Inquiry menu (AMJM10).

This display allows you to specify the production facilities you want to view for status and work load information. If EPDM is activated, you also can specify the site to use. You can request to view a single production facility, all production facilities in a specified department, or all production facilities assigned to a specified foreman. If you use date limits, then only those operations that are scheduled to be completed before the due date you entered are shown.

```
DATE **/**/**           PRODUCTION FACILITY STATUS        SELECT     AMC010   **

SITE . . . . . . . . . . . . . aA3

PRODUCTION FACILITY  . . . . . aaaA5

DUE DATE LIMIT . . . . . . . . nnnnnn

INCLUDE INACTIVE
  AND COMPLETED OPERATIONS . . A




                                                  F24 END OF JOB
```

## What to do

- To look at the production facility status, type in the information requested at the top of the display and press **Enter**. Type **?** in the ***Production Facility*** field to see a list of work centers by foreman or by department so you can select and view information for those work centers. Go to display AMC011.
- To end the session, use **F24**. The Inquiry menu appears again.

## Function keys

F24 END OF JOB ends the inquiry and causes the Inquiry menu to appear again.

## Fields

***[?]*** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***SITE [?].*** Type in a site to use if EPDM is activated. Simulation sites are not allowed. If you put a question mark in this field, you can see a display where you can select and view the available sites.

***PRODUCTION FACILITY [?].*** Type in a production facility ID to review the work load of that particular production facility. If you put a question mark in this field, you can request a list of work centers by foreman or by department. You can then select and view the work centers individually.

***DUE DATE LIMIT (DUEDT).*** Type in a due date limit if you want to see only those operations that are scheduled to be completed before that date. If you want all operations shown, regardless of scheduled completion date, leave this field blank. The default is blank.

***INCLUDE INACTIVE AND COMPLETED OPERATIONS <Y/N> (INCALL).*** Type in **Y** to include inactive and completed operations. Accept the default of N to exclude those operations.

# AMC011—Production Facility Status–Priority by Operation Due Date

Use this display to review the detail work load for a production facility. The orders appear in priority sequence, from highest to lowest, within three categories: running orders, waiting orders, and arriving orders.

This display appears when you enter a specific production facility ID on the Production Facility Status (Select) display (AMC010).

```
DATE **/**/**                PRODUCTION FACILITY STATUS    INQUIRY    AMC011
SITE ***                  PRIORITY BY OPERATION DUE DATE
PRODUCTION FACILITY ***** DUE DATE LIMIT **/**/** FOREMAN ***  DEPARTMENT ****
INCLUDE INACTIVE AND COMPLETED OPERATIONS *

                   PRIORITY    M  QUANTITY                REMAINING TIME
ORDER    OPER  ST  M   VALUE   S  CURRENT OP                SETUP     RUN
*******  ****  **  * *******   *  *******.***              ****.**  *****.** HRS
               QUANTITY PREV IN  *******.***  OP PRV       ****.**  *****.**
TOOL ******    QUANTITY SCRAPPED *******.***                 OP MS  FAC
               QUANTITY MOVED IN *******.***          NXT  **** * *****
ITEM *************** ******************************   CUR  **** * *****
                                                      PRV  **** * *****

                                                                             +

REM. QUEUE HRS   SETUP  ******.** RUN  *******.**      USE ROLL UP/DOWN
ARRIVING HOURS   SETUP  ******.** RUN  *******.**      F05 SUMMARY/DETAIL
                                                       F19 RETURN TO SELECT
                                                       F24 END OF JOB
```

## What to do

- To look at the open operations information for another production facility and operation, use **F19**. Go to display AMC010.
- To end the session, use **F24**. The Inquiry menu appears again.

## Function keys

F05 SUMMARY/DETAIL causes the display to toggle between Summary and Detail information.

F19 RETURN TO SELECT causes the Production Facility Status (Select) display (AMC010) to appear again.

F24 END OF JOB ends this inquiry and causes the Inquiry menu to appear again.

This display shows the detail work load for a production facility. The orders appear in priority sequence, from highest to lowest, within three categories:

- Running orders are those orders that show activity reported at this production facility. The operation status for these orders is 30.
- Waiting orders are those orders that have arrived at the production facility, are available to be worked on, but show no activity reported yet. The operation status for these orders is 10 or 20 depending on whether you are using the operation move transaction.

If you use ***MOVE TO OPERATION*** transactions, waiting orders are those for which an explicit move to this operation has been recorded. These orders have an operation status of 20. If you use ***MOVE TO NEXT WORK CENTER*** transactions, or if you do not use move transactions, the waiting orders are those that have been reported complete at the previous operation. The system assumes they have been moved and their operation status is 10.

- Arriving orders are those orders that are scheduled to arrive at this production facility according to this order's routing.

The second line of the display title shows the priority that the orders are sequenced in and may read one of the following:

***PRIORITY BY CRITICAL RATIO***
***PRIORITY BY OPERATION DUE DATE***
***PRIORITY BY ORDER DUE DATE***
***PRIORITY BY SLACK TIME PER OPERATION***

This priority is the one that was selected the last time Work List Generation was run.

## Fields

***SITE (STID).*** The site you selected to use if EPDM is activated.

***PRODUCTION FACILITY (WKCTR).*** The production facility for the work load that is shown. This field is highlighted if you entered a specific production facility ID on the Production Facility Status (Inquiry) display (AMC010).

***DUE DATE LIMIT (DUEDT).*** The due date limit, if any, that you selected.

***FOREMAN (FRMAN).*** The foreman to whom this production facility is assigned. This field is highlighted if you selected production facilities by foreman.

***DEPARTMENT (DPTNO).*** The department to which the production facility is assigned. This field is highlighted if you selected production facilities by department.

***INCLUDE INACTIVE AND COMPLETED OPERATIONS (INCALL).*** The include option that you selected.

***ORDER (ORDNO).*** The order number for the operation shown for the production facility.

***TOOL (TOOLS).*** The tool for this operation.

***ITEM (ITNBR).*** The item number and description for the order shown.

***OPER (OPSEQ).*** The operation number of the job that is to be done at this production facility.

***ST (OPSTC).*** The status of this operation.

**00** Inactive, not used on order

**10** Active

**20** A move to transaction has occurred

**30** Activity has been reported

**40** Operation complete

**50** Move complete.

***PRIORITY M (MPROR).*** An entry in this field indicates that a management priority is assigned to this order. This code can be any letter or number and, if given, overrides the normal priority calculation.

***PRIORITY VALUE (PRVAL).*** The system-determined priority of the operation. (This is the priority described on the second line of the display).

***MS (Milestone) (MLSTN).*** This field identifies the type of a sub-operation if it belongs to a milestone group.

First sub-operation:

**B** A milestone group with no activity reported
**P** A milestone group with activity reported
**C** A milestone group with activity reported complete

Not first or last sub-operation:

**S** A sub-operation that is between the first and last sub-operations

Last sub-operation:

**J** The end of a job shop milestone group
**F** The end of a flow shop milestone group

***QUANTITY CURRENT OP.*** The quantity reported completed to date at this production facility. Appears only for running operations.

***QUANTITY PREV IN.*** The quantity reported complete at the first active operation prior to this operation. If this is the first operation, this field is the expected quantity (based on the order quantity minus splits) factored by any standard operation yield in prior operations.

***QUANTITY SCRAPPED.*** The quantity reported scrapped at this production facility. Appears only for running operations.

***QUANTITY MOVED IN.*** The actual quantity moved to this operation. Appears below the previous operation completed quantity only if you are using the MOVE TO OPERATION transaction.

***REMAINING TIME SETUP.*** The remaining setup time for this operation.

***REMAINING TIME RUN.*** The remaining run time for this operation.

***OP PRV.*** The remaining hours for setup and run times for this operation are highlighted on the first line. If the primary order is an arriving order, the second line shows the remaining setup and run times for the previous operation.

At the end of all listed sequences, a total of each column is shown.

***NXT OP MS FAC.*** The operation number, milestone, and production facility for the next operation.

***CUR OP MS FAC.*** The operation number, milestone, and production facility for the current operation.

***PRV OP MS FAC.*** The operation number, milestone, and production facility for the previous operation.

***REM. QUEUE HRS SETUP.*** The remaining hours for setup times for operations in queue for this facility.

***REM. QUEUE HRS RUN.*** The remaining hours run times for operations in queue for this facility.

Note: The remaining queue hours setup and run include all status 30 operations and all operations that are considered to be waiting by the scheduler. This includes status 10 operations that have an implied move because the system is tailored by no-moves and processing not in sequence.

***ARRIVING HOURS SETUP.*** The remaining hours for setup times for operations arriving at this facility.

***ARRIVING HOURS RUN.*** The remaining hours for run times for operations arriving at this facility.

# Option 3. Production Facility (AMJM10)

Use this option when you want to see the information from the Production Facility file about facilities.

This option is not available if EPDM is activated.

**Notes:**

1. You can use this option only if the Production Facility file is available.
2. You can see variable capacity information using display AMVD62 only if Repetitive Production Management or Capacity Requirements Planning is installed and interfacing.
3. You can see information about production line and work station facilities only if Repetitive Production Management is installed and interfacing.

**What information you need:** The identifier (ID) for each facility you want to see.

**What reports are printed:** None.

**What forms you need:** None.

The basic steps for Production Facility inquiry follow each display.

# AMVD60—Production Facility Inquiry (Select)

Use this display to select a facility record for review.

This is the first display that appears when you select option 5 from the PDM Inquiry menu (AMEM02) or option 6 from the REP Inquiry menu (AMQM10), if EPDM is not activated. It also appears when you select option 5 from the CRP Planning Run Control menu (AMTM10), option 4 from the PC&C Inquiry menu (AMCM10) or option 3 from the PM&C Inquiry menu (AMJM10), if EPDM is not activated.

```
DATE **/**/**          PRODUCTION FACILITY INQUIRY       SELECT     AMVD60   **

FACILITY ID    aaaA5









                                                      F24 END OF JOB
```

## What to do

To inquire about production facilities defined in the Production Facility file, type in a facility ID and press **Enter**. Go to display AMVD62.

## Function keys

F24 END OF JOB ignores the data you just entered and causes the menu to appear again.

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***FACILITY ID (WKCTR) [?].*** Required. Type in the unique identification representing the facility being reviewed.

# AMVD61—Production Facility Inquiry

Use this display to review detailed information for the facility identified on display AMVD60.

This display appears when you type a valid ID on display AMVD60.

Examples of information shown on the display include facility type, foreman, location, standard and average efficiency, queue time, standard and actual average output, current and standard rates, lengths and capacities for three shifts, and machine and labor resource numbers.

```
 DATE **/**/**          PRODUCTION FACILITY INQUIRY                 AMVD61  **

 FACILITY ID    aaaA5      FACILITY TYPE  *    ***************
 DESCRIPTION    ****************************************

 DEPARTMENT         ****  PN FAC ACTG CLS        ***  QUEUE TIME DAYS      **.**
 FOREMAN             ***  PRIME LOAD CODE          *  AVG QUEUE TIME    *****.**
 LOCATION          *****  TRACKING SIGNAL   *****.**  QUEUE MAD         *****.**
 STD EFFICIENCY     *.**  AVG STD OUTPUT    *****.**  MACH RESOURCE NO.    *****
 AVG EFFICIENCY     *.**  AVG ACTL OUTPUT   *****.**  LABOR RESOURCE NO.   *****
 EXTRACT MACH BRKS     *  REPORTING METHOD         *  CLOCKING WINDOW       *:**

                MACHINE      RUN LABOR    SETUP LABOR     OVERHEAD     OVERHEAD
                  RATE         RATE          RATE       RATE/PERCENT    CODE
 CURRENT      **,***.***   **,***.***   **,***.***     **,***.***        *
 STANDARD     **,***.***   **,***.***   **,***.***     **,***.***        *

         -----LENGTH-----    ----CAPACITY----           DIRECT USAGES     *
         DESIRED  MAXIMUM    DESIRED  MAXIMUM           CALENDAR NAME  *********
 SHIFT 1   **.*     **.*       **.*     **.*            POST TO OLDEST SCHED  *
 SHIFT 2   **.*     **.*       **.*     **.*            POST TO FUTURE SCHED  *
 SHIFT 3   **.*     **.*       **.*     **.*            FACILITY STOCK LOC  *****
**
                                                          F02 VARIABLE CAPACITY
                                                          F24 END OF JOB
```

## What to do

- To look at variable capacity information for this facility, use **F02**. Go to display AMVD62.

  Note: If REP and/or CRP are not installed and interfacing, **F02** does not appear on the display.

- To look at another production facility record, type in the facility ID and press **Enter**. This display appears again with information for that production facility.

## Function keys

F02 VARIABLE CAPACITY. If REP or CRP is interfacing, the Production Facility Inquiry–Variable Capacity display (AMVD62) appears with variable capacity information for this facility.

F24 END OF JOB causes the menu to appear again.

## Fields

[?] appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***FACILITY ID (WKCTR) [?].*** Required. When you have completed reviewing the detail for this facility, you can type in the ID of the next facility you want to see.

***FACILITY TYPE.*** This field has no heading and appears to the immediate right of ***FACILITY ID***. It shows the type of facility this is, such as WORK CENTER, WORK STATION, or PRODUCTION LINE.

***DESCRIPTION (WCDSC).*** The name of the facility.

***DEPARTMENT (DPTNO).*** The department number associated with the facility.

***PN FAC ACTG CLS (PFAC).*** Class, defined by your company, to group or classify orders or items by production facility for accounting purposes.

***QUEUE TIME DAYS (STDQT).*** The expected number of days a job may wait at the facility before being started.

***FOREMAN (FRMAN).*** A three-character code that identifies the facility foreman.

***PRIME LOAD CODE (PLOAD).*** The critical operation time factor used in scheduling routines.

***AVG QUEUE TIME (AVGQT).*** The average total standard hours of work in the queue at this facility.

***LOCATION (WCLOC).*** The facility location.

***TRACKING SIGNAL (TRSIG).*** The sum of the deviation of the current queue from the old average queue.

***QUEUE MAD (Queue Mean Absolution Deviation) (WQMAD).*** The Queue Mean Absolute Deviation—an average of the differences between the current queue and the old average queue.

***STD EFFICIENCY (Standard Efficiency) (STDEF).*** This field shows the expected efficiency of the facility. The percentage is manually maintained and reflects the expected value of standard average output divided by average actual output.

***AVG STD OUTPUT (Average Standard Output) (AVGSO).*** The expected average of the standard time (hours) produced per day for this period (PC&C order closeout) at the facility.

***MACH RESOURCE NO. (Machine Resource Number) (MACRN).*** The resource number used by MPSP (if installed and interfacing) to identify machine hours in a facility as a critical resource. For example, a machine that affects major work flow in a facility.

***AVG EFFICIENCY (Average Efficiency) (AVGEF).*** The average of the standard output per day for this period divided by actual hours worked per day for this period.

***AVG ACTL OUTPUT (Average Actual Output) (AVGHO).*** The average of the hours actually worked per day for this period (PC&C order closeout) at the facility.

***LABOR RESOURCE NO. (LABRN).*** The resource number used by MPSP (if installed and interfacing) to identify labor hours in a facility as a critical resource. For example, it may show a facility with limited available labor hours because of workers with special skills.

***EXTRACT MACH BRKS (BRKXT) <1/0>.*** Indicates whether PM&C is extracting break time from machine hours. This field appears only if PM&C is interfacing.

***REPORTING METHOD.*** The method used at the facility for reporting job transactions in PM&C. The values for the methods are:

**0** ON/OF reporting. Both ON (On) and OF (Off) transactions are required for each job. Jobs completed without both transactions are flagged as errors.

**1** Off-only reporting with full ON override. OF transactions are required for each job. ON transactions are optional. If a job starts with an ON transaction, all information is used from the ON transaction. If an ON transaction does not exist, start times for the job are calculated from previous OF and T/A transactions and all other information is used from the OF transaction.

**2** Off-only reporting with ON facility ID override. OF transactions are required for each job. ON transactions are optional. If the job starts with an ON transaction, the only information used from the ON transaction is the facility ID. All other information is used from the OF transaction. Start times are always calculated from previous OF and T/A transactions (even if an ON transaction exists).

***CLOCKING WINDOW.*** The clocking window time defined in PM&C for facilities using off-only reporting to group jobs that are run concurrently by the same employee and apportion time among those jobs. It can be any value from 0:00 to 9:59 (one second less than ten minutes). A value of 0:00 indicates that jobs at this facility are treated as if they are done consecutively.

This field is used by the Production Monitoring and Control (PM&C) application.

***CURRENT MACHINE RATE (CMACH).*** This rate, expressed in cost per hour, is used only by PDM product costing with the run machine field of the associated routing to calculate current run machine cost.

***CURRENT RUN LABOR RATE (CRLAB).*** This rate, expressed in cost per hour, is used only by PDM product costing with the run labor field of the associated routing to calculate current run labor cost.

***CURRENT SETUP LABOR RATE (CSLAB).*** This rate, expressed in cost per hour, is used only by PDM product costing with the setup labor hours field of the associated routing to calculate current setup labor costs.

***CURRENT OVERHEAD RATE/PERCENT (COVER).*** This value, expressed in cost per hour or percent depending on the current labor overhead code, is used only by PDM product costing in labor overhead calculation.

***CURRENT OVERHEAD CODE (COCOD).*** This code indicates which of four methods is used only by PDM product costing to calculate current labor overhead.

***STANDARD MACHINE RATE (SMACH).*** This rate, expressed in cost per hour, is used by PC&C order costing and PDM product costing with the run machine field of the associated operation detail and routing to calculate standard run machine cost.

***STANDARD RUN LABOR RATE (SRLAB).*** This rate, expressed in cost per hour, is used by PC&C order costing and PDM product costing with the run labor field of the associated operation detail and routing to calculate standard run labor cost.

***STANDARD SETUP LABOR RATE (SSLAB).*** This rate, expressed in cost per hour, is used by PC&C order costing and PDM product costing with the setup labor time field and setup crew size of the associated operation detail and routing to calculate standard setup labor cost.

***STANDARD OVERHEAD RATE/PERCENT (SOVER).*** This value, expressed in cost per hour or percent according to the standard labor overhead code, is used in labor overhead calculation by PC&C order costing and PDM product costing.

***STANDARD OVERHEAD CODE (SOCOD).*** This code indicates which of four methods is used to calculate standard labor overhead.

***DESIRED LENGTH (DLEN1, DLEN2, DLEN3).*** The number of prime load code hours normally available for the duration of shifts 1, 2, and 3 for this facility.

***MAXIMUM LENGTH (MLEN1, MLEN2, MLEN3).*** The maximum number of prime load code hours available for this facility that can be scheduled for shifts 1, 2, and 3.

***DESIRED CAPACITY (DCAP1, DCAP2, DCAP3).*** The number of employees or machines normally available in this facility for shifts 1, 2, and 3.

***MAXIMUM CAPACITY (MCAP1, MCAP2, MCAP3).*** The maximum number of employees or machines available for shifts 1, 2, and 3.

***DIRECT USAGES (NORWU).*** The number of routing records in which the facility appears.

***CALENDAR NAME (CALN).*** The name of the production calendar associated with this facility. This calendar is used only by REP to explicitly define the days a production line is available for work.

***POST TO OLDEST SCHED (APSQ).*** The method used for applying transaction quantities to REP schedules. The valid codes are:

**blank** Defaults to the setting from the REPCTL record.

**0** Off, posting is by individual schedules for all items on this production line.

**1** On, multi-schedule posting, beginning with the oldest schedule, is used for all items on this production line.

***POST TO FUTURE SCHED (APTQ).*** The method used for applying transaction quantities to REP schedules. The valid codes are:

**blank** Defaults to the setting from the REPCTL record.
**0** Off, post to past and current schedules on this production line.
**1** On, post to past, current, and future schedules on this production line.

***FACILITY STOCK LOC (FSLC).*** If the facility is a workstation, this field represents the line location where items are delivered and used in a production line operation. If the facility is a production line, then this field represents the stocking location where finished goods are stored. This field is used by REP as a default line location when setting up the Item-Line definition for a schedule controlled item.

# AMVD62—Production Facility Inquiry–Variable Capacity

Use this display to review detailed variable capacity information for the facility identified on display AMVD61. Variable capacity information can apply only to work centers or production lines (facility types 1 and 2).

This display appears only if REP or CRP is installed.

Information on the display includes resource availability date and duration, shift length and resource unit information for three shifts, and a description of the resource.

```
DATE **/**/**          PRODUCTION FACILITY INQUIRY               AMVD62  **
                            VARIABLE CAPACITY

FACILITY ID    *****                          ***************
DESCRIPTION    ****************************************

  START    NBR  -SHIFT LENGTH-    -RESOURCE UNITS-
   DATE    DAYS    1    2    3       1     2     3   SOURCE DESCRIPTION
 **/**/**   **  **.* **.* **.*    **.*- **.*- **.*- *************************
 **/**/**   **  **.* **.* **.*    **.*- **.*- **.*- *************************
 **/**/**   **  **.* **.* **.*    **.*- **.*- **.*- *************************
 **/**/**   **  **.* **.* **.*    **.*- **.*- **.*- *************************
 **/**/**   **  **.* **.* **.*    **.*- **.*- **.*- *************************
 **/**/**   **  **.* **.* **.*    **.*- **.*- **.*- *************************
 **/**/**   **  **.* **.* **.*    **.*- **.*- **.*- *************************
 **/**/**   **  **.* **.* **.*    **.*- **.*- **.*- *************************
 **/**/**   **  **.* **.* **.*    **.*- **.*- **.*- *************************
 **/**/**   **  **.* **.* **.*    **.*- **.*- **.*- *************************
 **/**/**   **  **.* **.* **.*    **.*- **.*- **.*- *************************
 **/**/**   **  **.* **.* **.*    **.*- **.*- **.*- ************************* +

                                                        USE ROLL UP/DOWN
                                                        F03 PREVIOUS SCREEN
                                                        F24 END OF JOB
```

## What to do

To look at another record, use **F03**. Go to display AMVD61.

## Function keys

USE ROLL UP/DOWN allows you to scroll forward and backward through the list on the display.

F03 PREVIOUS SCREEN causes the Production Facility Inquiry display (AMVD61) to appear.

F24 END OF JOB causes the menu to appear again.

## Fields

***FACILITY ID (WKCTR).*** The identifier for the facility. When you have finished reviewing the detail for this facility or production line, you can type in the ID of the next facility you want to see.

***FACILITY TYPE.*** This field shows the kind of production facility that is associated with the facility ID: work center, production line, or work station.

Note: A work station cannot have variable capacity information associated with it.

***DESCRIPTION (WCDSC).*** A description of this facility.

***START DATE (VDATE).*** The date this variable resource becomes available.

***NBR DAYS (VDAYS).*** The duration for which the variable resource is available. If the value is 99, this is a permanent resource.

***SHIFT LENGTH 1, 2, and 3 (VLEN1, VLEN2, VLEN3).*** The available time in hours of each shift for a particular work center or production line. The variable dates for each shift cannot overlap.

***RESOURCE UNITS 1, 2, and 3 (VCAP1, VCAP2, VCAP3).*** The number of extra units above base capacity for this resource. Resource units are expressed in shift length increments such that each resource unit works the entire shift time. For example, if the shift length is 8 hours and you want to add one unit of 4 hours, you type **5** as the resource units to indicate that this resource should work half of the shift length.

***SOURCE DESCRIPTION (VDESC).*** The reason for the change to the variable capacity. Examples are Scheduled Overtime or Lead Operator on Vacation.

## Option 4. Production Order Status (AMJM10)

Use this option when you want to see the order summary information about a current manufacturing order.

**What information you need:** The order number for each order you want to see.

**What reports are printed:** None.

**What forms you need:** None.

The basic steps for Production Order Status inquiry follow each display.

# AMC020—Order Status–Production (Select)

Use this display to select an order number so that you may review that order's summary information.

This display appears when you select option 2 on the PC&C Inquiry menu (AMCM10), option 4 on the PM&C Inquiry menu (AMJM10) or option 5 on the CRP Inquiry menu (AMTM20). It also appears when you use **F19 RETURN TO SELECT** on display AMC021, AMC022, AMC023, AMC024, AMC025, AMC026, AMC027, or AMC028.

```
DATE **/**/**          ORDER STATUS - PRODUCTION          SELECT      AMC020 **


ORDER NUMBER   aaaaaA7










                                                          F24 END OF JOB
```

## What to do

- To look at the order status, type in the ***ORDER NUMBER*** and press **Enter**. Go to display AMC021.
- To end the session, use **F24**. Go to the Inquiry menu.

## Function keys

F24 END OF JOB causes the Inquiry menu to appear.

## Fields

***[?]*** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

The ***ORDER NUMBER*** field requires an entry.

***ORDER NUMBER (ORDNO) [?].*** Type in the control number used in the open order data base to identify a manufacturing order.

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# AMC021—Order Status–Production–Summary (Inquiry)

Use this display to review summary information for a current manufacturing order.

This display appears when you enter an order number on display (AMC020).

This display contains summary information for the order number specified. Eight function keys are provided for reviewing detail information. You can also type in a different order number and then use the function keys to see information about that different order.

```
DATE **/**/**          ORDER STATUS - PRODUCTION          INQUIRY    AMC021  **
                                 SUMMARY
ORDER NUMBER    aaaaaA7                           OPERATION RECORDS       ***
ITEM NUMBER     ***************                   OPERATIONS COMPLETE     ***
WAREHOUSE NO    ***                               OPERATIONS NOT STARTED ***
DESCRIPTION     ******************************    ORDER RESCHEDULE CODE  *
JOB NUMBER      ************
DEPARTMENT      ****         ----- CURRENT -----   -------- COSTS ---------
PLANNER         *****        OPERATION ****        UNIT   ***********.****
MULTI-ORD REF   **********   MILESTONE *           STD    ***********.****
STATUS CODE     **           FACILITY    *****
HOURS REMAINING *****.**     WORK AREA   *****     TOTAL ACT  ***********.**
CRITICAL RATIO      **.**    QUANTITY *******.***  RECEIPTS   ***********.**
DAYS OFF SCHED       ***                           DIFFERENCE ***********.**
OVERLAPPED OPS *             ---- QUANTITY ----
* THIS IS A SPLIT ORDER *    ORDER     *******.***   F05 MATERIAL
------- DATES -------        IN QTY    *******.***   F06 MISC CHARGES
START           **/**/**     IN SPLIT  *******.***   F08 OP QUANTITIES
ACTUAL START    **/**/**     SCRAPPED  *******.***   F09 OP DATES
LAST TRANS      **/**/**     DEVIATION *******.***   F10 OP STANDARDS
DUE             **/**/**     OPEN      *******.***   F11 OP HOURS TO DATE
CALC START      **/**/**     COMPLETED *******.***   F12 OP DESCRIPTIONS
LAST SCHED      **/**/**                             F14 SOURCE OF DEMAND
                                                     F19 RETURN TO SELECT
                                                     F24 END OF JOB
```

## What to do

To look at different orders, type in a different order number over the order number showing at the top of the display and press **Enter**. You can type in a different order number over the order number showing at the top of the display and use a function key to look at the other displays for a different order. Then do one of the following:

- To look at the material information, use **F05**. Go to display AMC022.
- To look at the miscellaneous charges information, use **F06**. Go to display AMC023.
- To look at the operation quantities information, use **F08**. Go to display AMC024.
- To look at the operation dates information, use **F09**. Go to display AMC025.
- To look at the operation standards information, use **F10**. Go to display AMC026.
- To look at the operation hours to date information, use **F11**. Go to display AMC027.
- To look at the operation descriptions information, use **F12**. Go to display AMC028.
- To look at the source of demand information, use **F14**. Go to display AMM771.
- To select another order, use **F19**. Go to display AMC020.

- To end the session, use **F24**. Go to the Inquiry menu.

## Function keys

F05 MATERIAL causes the Order Status - Production — Material (Inquiry) display (AMC022) to appear.

F06 MISC CHARGES causes the Order Status - Production — Miscellaneous Charges (Inquiry) display (AMC023) to appear.

F08 OP QUANTITIES causes the Order Status - Production — Operation Quantities (Inquiry) display (AMC024) to appear.

F09 OP DATES causes the Order Status - Production — Operation Dates (Inquiry) display (AMC025) to appear.

F10 OP STANDARDS causes the Order Status - Production — Operation Standards (Inquiry) display (AMC026) to appear.

F11 OP HOURS TO DATE causes the Order Status - Production — Operation Hours to Date (Inquiry) display (AMC027) to appear.

F12 OP DESCRIPTIONS causes the Order Status - Production — Operation Descriptions (Inquiry) display (AMC028) to appear.

F14 SOURCE OF DEMAND causes the Source of Demand display (AMM771) to appear, if MRP is installed and interfacing and at least one warehouse has maximum demand sources greater than zero.

F19 RETURN TO SELECT causes the Order Status - Production (Select) display (AMC020) to appear again.

F24 END OF JOB causes the Inquiry menu to appear.

## Fields

***[?]*** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***ORDER NUMBER (ORDNO) [?].*** Control number used in the open order data base to identify a manufacturing order. To review information for a different manufacturing order, type in the number of that order and press **Enter**.

***ITEM NUMBER (FITEM).*** Control number used to identify the finished item.

***OPERATION RECORDS (NOOPS).*** Number of operation detail records for this manufacturing order.

***OPERATIONS COMPLETE (NCOPS).*** Number of operations for this manufacturing order with an operation status code of 40 or 50.

***WAREHOUSE NO (FITWH).*** Warehouse number where the finished item is to be stored.

***OPERATIONS NOT STARTED (OPSNS).*** Number of operations for this manufacturing order with an operation status code of 10.

***DESCRIPTION (FDESC).*** Description of the S-Number if the order is for an item with an S-Number, otherwise, the finished item description appears.

Note: If the manufactured order is for an item with features and options, this field will display the word S-number, along with the S-number, instead of the item description.

***ORDER RESCHEDULE CODE (ORRC).*** Code used to indicate whether or not an individual manufacturing order or purchase order line item can be rescheduled automatically by the system.

**0** Default to item reschedule code. This is the default.
**1** Cannot be rescheduled automatically
**2** Can be scheduled out
**3** Can be scheduled in
**4** Can be scheduled both out and in

***JOB NUMBER (JOBNO).*** Number that associates an order with a particular customer's order and with other orders. The job number for a particular manufacturing order or schedule is also used for that order's detail records.

If the manufacturing order has been released by the IM option, “Release manufacturing order per customer order,” the job number references the customer order number from Customer Order Management (COM). Otherwise, job number can be used as a user-defined reference field during general manufacturing order entry.

***DEPARTMENT (DPTNO).*** Department number for the finished item.

***PLANNER (PLANN).*** A code to identify the person responsible for planning the replenishment strategy for the finished item.

***MULTI-ORD REF (REFNO).*** Number assigned by your company to relate an order to other orders.

***STATUS CODE (OSTAT).*** Current order status code.

**10** Released, but no activity reported.

**40** Order started, material, outside operations, labor, machine, or miscellaneous charges transaction processed.

**45** IM receipt to stock has been reported as complete; PC&C has not reported the order as complete (outside operations labor, machine, and miscellaneous charges).

**50** PC&C has reported the order as complete (outside operations labor, machine, and miscellaneous charges); IM material receipt to stock has not been reported as complete.

**55** Order complete; includes all material, outside operations labor, machine, and miscellaneous charges.

**99** Order canceled; no activity has been reported.

***HOURS REMAINING (HRREM).*** The total remaining elapsed standard work hours (calculation based on the prime load code) for all operations.

***CURRENT OPERATION (OPCUR).*** If the order is not being worked on in a milestone group, this field shows the current operation sequence number. If the order is being worked on in a milestone group, this field shows the milestone operation for the group where status is reported.

***CURRENT WORK AREA (WCCUR).*** The location or work center reported in the last move transaction.

***CURRENT MILESTONE (CURMS).*** If the order is being worked on in a milestone group, this field shows the milestone group type; otherwise, it is blank.

**J** Job shop type of milestone group
**F** Flow shop type of milestone group

***CRITICAL RATIO (RATIO).*** Time available divided by normal time required to complete the order. A measure of the relative priority of orders. An order that is behind schedule has a small critical ratio value (<1.00), and an order that is ahead of schedule has a large critical ratio value (>1.00).

***CURRENT FACILITY (WCCUR).*** Actual production facility for the current operation.

***DAYS OFF SCHED (DOSCH).*** This field shows the difference between the order due date and the calculated order completion date. If CRP is installed and interfacing, the computer uses the days off schedule to arrive at backward scheduled dates for each operation.

***OVERLAPPED OPS (OVLAP).*** This field indicates if multiple operations have been or are being done at the same time.

***CURRENT QUANTITY (QCCUR).*** Quantity completed on the current operation. A negative number means the order is behind schedule.

***UNIT COST (CSTPC).*** The unit cost of the finished item used by inventory accounting at the time the order was released.

***STD COST.*** The unit cost of the finished item used by inventory accounting at the time the order was released (CSTPC) extended by the base order quantity.

Total actual costs reported to date are the sum of these fields:

***SETUP (SETCO)***. Setup labor cost
***LABOR (LABCO)***. Run labor cost
***OVERHEAD (OVHCO)***. Overhead cost (includes machine cost)
***MATL & PUR (ISSCO).*** Material plus outside operation cost
***MISCELLANEOUS (MISCO). Miscellaneous charge cost***

***TOTAL ACT.*** (SETCO + LABCO + OVHCO + ISSCO + MISCO).

***RECEIPTS (RECCO).*** Total transaction amounts for stock received into inventory from this order.

***DIFFERENCE.*** Difference between receipts and total actual costs.

Key dates for the order appear in these fields:

***START (SSTDT)***. Planned start date.

***ACTUAL START (ASTDT)***. Actual start date.

***LAST TRANS (LATDT)***. Date of last transaction or file maintenance.

***DUE (ODUDT)***. Order due date entered at the time of order release.

***CALC CMPLT (OCODT)***. Expected date of order completion, as calculated by the scheduling routine. For completed orders (status 55), this is the actual date of completion.

Note: If you chose backward scheduling during application tailoring, the field ***CALC START*** (OCODTD), the date calculated to start, appears instead of the ***CALC CMPLT*** field.

***LAST SCHED (DLTSC)***. Date last scheduled. This date is the reference point from which the ***DAYS OFF SCHEDULE*** is calculated. This field is updated every time the scheduling and work list generation routines are selected

Order quantity data is presented in these fields:

***ORDER (ORQTY)***. The original quantity ordered.

***IN QTY***. The order quantity factored by standard yield loss. This is the quantity that must be started to produce the order quantity.

***IN SPLIT (QTSPL)***. The total quantity in split orders.

***SCRAPPED (QTSCP)***. The total quantity scrapped on this order.

***DEVIATION (QTDEV)***. An adjustment to the original order quantity.

***OPEN***. The remaining quantity yet to be received into stock on the order (ORQTY + QTDEV - QTSPL - QTSCP - QTYRC). If yield is applied to the order, then actual scrap is not subtracted from the order quantity until it exceeds the planned order scrap.

**COMPLETED (QTYRC)**. The total quantity of receipt-to-stock transactions from this order.

# AMC022—Order Status–Production–Material (Inquiry)

Use this display to review manufacturing order detail production information.

This display appears when you use **F05 MATERIAL** on display AMC021, AMC023, AMC024, AMC025, AMC026, AMC027, or AMC028.

Display AMC022 contains component material details for the order number entered on display AMC020. Five lines of component detail appear at a time. Use the function keys to see more information about your order. You can also type in a different order number and then use the function keys to see information about that different order.

```
DATE **/**/**          ORDER STATUS - PRODUCTION          INQUIRY    AMC022   **
                                MATERIAL
                                             QTY    *******.***
ORDER NUMBER   aaaaaA7  ITEM *************** SPLIT *******.***  AT ****
                     *  *  *  C O M P O N E N T S  *  *  *
ITEM NUMBER      COMPONENT ITEM DESCRIPTION          STD QTY  DATE REQ  OP NO
            WH   USEQ    UM  FS BF   SCRAP QTY       ACT QTY  LAST ISS  FAC

*************** ******************************   *******.***  **/**/**  ****
            ***  ****    **  *  * *******.*** **********.***  **/**/**  *****
*************** ******************************   *******.***  **/**/**  ****
            ***  ****    **  *  * *******.*** **********.***  **/**/**  *****
                                                                             +




                                                       F09 OP DATES
FIND COMPONENT aaaaaaaaaaaaA15  USE ROLL UP/DOWN       F10 OP STANDARDS
                                F06 MISC CHARGES       F11 OP HOURS TO DATE
                                F07 SUMMARY            F12 OP DESCRIPTIONS
                                F08 OP QUANTITIES      F19 RETURN TO SELECT
                                                       F24 END OF JOB
```

## What to do

To look at different orders, type in a different order number over the order number showing at the top of the display and press **Enter**. You can also type in a different order number over the order number showing at the top of the display and use a function key to look at the other displays for a different order. Then do one of the following:

- To look at the miscellaneous charges information, use **F06**. Go to display AMC023.
- To look at the summary information again, use **F07**. Go to display AMC021.
- To look at the operation quantities information, use **F08**. Go to display AMC024.
- To look at the operation dates information, use **F09**. Go to display AMC025.
- To look at the operation standards information, use **F10**. Go to display AMC026.
- To look at the operation hours to date information, use **F11**. Go to display AMC027.
- To look at the operation descriptions information, use **F12**. Go to display AMC028.
- To select another order, use **F19**. Go to display AMC020.

- To end the session, use **F24**. Go to the Inquiry menu.

## Function keys

F06 MISC CHARGES causes the Order Status - Production — Miscellaneous Charges (Inquiry) display (AMC023) to appear.

F07 SUMMARY causes the Order Status - Production — (Summary) display (AMC021) to appear.

F08 OP QUANTITIES causes the Order Status - Production — Operation Quantities (Inquiry) display (AMC024) to appear.

F09 OP DATES causes the Order Status - Production — Operation Dates (Inquiry) display (AMC025) to appear.

F10 OP STANDARDS causes the Order Status - Production — Operation Standards (Inquiry) display (AMC026) to appear.

F11 OP HOURS TO DATE causes the Order Status - Production — Operation Hours to Date (Inquiry) display (AMC027) to appear.

F12 OP DESCRIPTIONS causes the Order Status - Production — Operation Descriptions (Inquiry) display (AMC028) to appear.

F19 RETURN TO SELECT causes the Order Status - Production (Select) display (AMC020) to appear again.

F24 END OF JOB causes the Inquiry menu to appear.

## Fields

***[?]*** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***QTY.*** The original order quantity plus any deviation.

***ORDER NUMBER (ORDNO) [?].*** Control number used in the open order data base to identify a manufacturing order. To review information for a different manufacturing order, type in the number of that order.

***SPLIT.*** The quantity that has been split from the order. This appears only if the order has been split.

***AT.*** Number of the operation where the split occurred.

***ITEM NUMBER (CITEM).*** Control number maintained in the Item Master file (Inventory Management application) to identify the individual component required to complete the order.

***COMPONENT ITEM DESCRIPTION (CDESC).*** A description of the individual component.

***STD QTY (QTREQ).*** Expected issue quantity for the component. It is the original order quantity plus any deviation, factored by yield through the operation where used.

***DATE REQ (Date Required) (REQDT).*** Date component is required for the order. This may be the date that was manually entered during order release or allocation maintenance. If no date was entered and if the component has no lead time offset in the product structure, this is the scheduled start date. If no date was entered and if the component has a lead time offset in the product structure, this date is the order due date, less the component lead time offset from the product structure file.

***OP NO (Operation Number) (OPSEQ).*** The sequence number of the operation where used.

***WH (Warehouse) (CITWH).*** Warehouse number for the component.

***USEQ (User Sequence) (USRSQ).*** The user sequence number of this component. It appears below the description.

***U/M (UNMSR).*** Standard measure for issuing components (or parts) from stock.

***FS (Floor stock).*** The floor stock code for the component.

| | |
|---|---|
| **Blank** | The component is not a floor stock item. |
| **C** | The component is an controlled floor stock item. |
| **U** | The component is an uncontrolled floor stock item. |

***BF (Backflush).*** A code that indicates how component backflushing is to be done:

| | |
|---|---|
| **1** | Use the adjusted quantity per to backflush. |
| **2** | Use the standard quantity per to backflush. |

***SCRAP QTY (QTYNG).*** Total quantity reported in component scrap transactions.

***ACT QTY (Actual Quantity) (ISQTY).*** Actual quantity issued for the component to date.

***LAST ISS (LISDT).*** Date on which the component was last issued from stock.

***FAC (Facility) (WKCTR).*** The production facility of the operation where used.

***FIND COMPONENT (OPTC).*** If you enter a component item number here and press **Enter**, the application shows the component list, starting at the one you specify.

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# AMC023—Order Status — Production — Miscellaneous Charges (Inquiry)

Use this display to review manufacturing order miscellaneous detail production information.

This display appears when you use **F06 MISC CHARGES** on display AMC021, AMC022, AMC024, AMC025, AMC026, AMC027, or AMC028.

Display AMC023 contains miscellaneous charge details for the order number entered on display AMC020. Five lines of miscellaneous charge detail appear at a time. Use the function keys to see more information about your order. You can also type in a different order number and then use the function keys to see information about that different order.

```
DATE **/**/**           ORDER STATUS - PRODUCTION          INQUIRY    AMC023   **
                          MISCELLANEOUS CHARGES

ORDER NUMBER  aaaaaA7   ITEM ***************
                        STD QTY             STD COST                  DATE OF
NUMBER/                 ACT QTY             ACT COST                  LAST TRANS
DESCRIPTION
***************         *******.***       ***********.**              **/**/**
********************    *******.***     *************.**
***************         *******.***       ***********.**              **/**/**
********************    *******.***     *************.**
                                                                              +



                                                        F09 OP DATES
FIND NUMBER aaaaaaaaaaaaA15   USE ROLL UP/DOWN          F10 OP STANDARDS
                              F05 MATERIAL              F11 OP HOURS TO DATE
                              F07 SUMMARY               F12 OP DESCRIPTIONS
                              F08 OP QUANTITIES         F19 RETURN TO SELECT
                                                        F24 END OF JOB
```

## What to do

To look at different orders, type in a different order number over the order number showing at the top of the display and press **Enter**. You can also type in a different order number over the order number showing at the top of the display and use a function key to look at the other displays for a different order. Then do one of the following:

- To look at the material information, use **F05**. Go to display AMC022.
- To look at the summary information again, use **F07**. Go to display AMC021.
- To look at the operation quantities information, use **F08**. Go to display AMC024.
- To look at the operation dates information, use **F09**. Go to display AMC025.
- To look at the operation standards information, use **F10**. Go to display AMC026.
- To look at the operation hours to date information, use **F11**. Go to display AMC027.

- To look at the operation descriptions information, use **F12**. Go to display AMC028.
- To select another order, use **F19**. Go to display AMC020.
- To end the session, use **F24**. Go to the Inquiry menu.

## Function keys

F05 MATERIAL causes the Order Status - Production — Material (Inquiry) display (AMC022) to appear.

F07 SUMMARY causes the Order Status - Production — Summary (Inquiry) display (AMC021) to appear.

F08 OP QUANTITIES causes the Order Status - Production — Operation Quantities (Inquiry) display (AMC024) to appear.

F09 OP DATES causes the Order Status - Production — Operation Dates (Inquiry) display (AMC025) to appear.

F10 OP STANDARDS causes the Order Status - Production — Operation Standards (Inquiry) display (AMC026) to appear.

F11 OP HOURS TO DATE causes the Order Status - Production — Operation Hours to Date (Inquiry) display (AMC027) to appear.

F12 OP DESCRIPTIONS causes the Order Status - Production — Operation Descriptions (Inquiry) display (AMC028) to appear.

F19 RETURN TO SELECT causes the Order Status - Production (Select) display (AMC020) to appear again.

F24 END OF JOB causes the Inquiry menu to appear.

## Fields

***[?]*** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***ORDER NUMBER (ORDNO) .*** Control number used in the open order data base to identify a manufacturing order. To review information for a different manufacturing order, type in the number of that order.

***ITEM (FITEM).*** Number of the item being produced on this order.

***STD QTY (Standard Quantity) (MSQTY).*** Total standard miscellaneous quantity required for the order. This is the total quantity, if given, or the percent quantity, extended by the original order quantity plus any deviation.

***STD COST (Standard Cost) (MSCST).*** Projected cost for the miscellaneous charge. This is the total cost, if given, or the percent cost, extended by the original order quantity, plus any deviation.

***DATE OF LAST TRANS (LTRDT).*** Date of last miscellaneous charge transaction.

***NUMBER (MITNO).*** Number used to identify a miscellaneous charge for a manufacturing order.

***DESCRIPTION (MDESC).*** A description of the miscellaneous charge.

***ACT QTY (Actual Quantity) (AQTOD).*** Quantity accumulated to date for the miscellaneous charge.

***ACT COST (Actual Cost) (ACTOD).*** Actual miscellaneous charge cost reported during shop activity update.

***FIND NUMBER (OPTC).*** If you enter a miscellaneous charge number here and press **Enter**, the application shows the miscellaneous charges, starting at the one you specify.

# AMC024—Order Status–Production–Operation Quantities (Inquiry)

Use this display to review information about the quantities that are expected or have been reported at each operation. Each entry on this display contains two lines of information.

This display appears when you use **F08 OP QUANTITIES** on display AMC021, AMC022, AMC023, AMC025, AMC026, AMC027, or AMC028.

Use the function keys to see more information about your order. You can also type in a different order number and then use the function keys to see information about that different order.

```
DATE **/**/**          ORDER STATUS - PRODUCTION          INQUIRY     AMC024 **
                         OPERATION QUANTITIES

ORDER NUMBER   *******  ITEM *************** QTY    *******.***
                                             SPLIT *******.***  AT ****
OPNO FAC   DESCRIPTION          M ST   EXPECTED      COMPLETED     STD SCRAP
    STD YLD  ACT YLD QTY OUT    S     QTY IN       REMAINING      ACT SCRAP

**** ***** ******************** * **   *******.***   *******.***   *******.***
    *.***    **.*** *******.***    *******.***   *******.***   *******.***
**** ***** ******************** * **   *******.***   *******.***   *******.***
    *.***    **.*** *******.***    *******.***   *******.***   *******.***
                                                                             +



FIND OPERATION aaA4          USE ROLL UP/DOWN         F09 OP DATES
                             F05 MATERIAL             F10 OP STANDARDS
                             F06 MISC CHARGES         F11 OP HOURS TO DATE
                             F07 SUMMARY              F12 OP DESCRIPTIONS
                                                      F19 RETURN TO SELECT
                                                      F24 END OF JOB
```

## What to do

To look at different orders, type in a different order number over the order number showing at the top of the display and press **Enter**. You can also type in a different order number over the order number showing at the top of the display and use a function key to look at the other displays for a different order. Then do one of the following:

- To look at the material information, use **F05**. Go to display AMC022.
- To look at the miscellaneous charges information, use **F06**. Go to display AMC023.
- To look at the summary information again, use **F07**. Go to display AMC021.
- To look at the operation dates information, use **F09**. Go to display AMC025.
- To look at the operation standards information, use **F10**. Go to display AMC026.
- To look at the operation hours to date information, use **F11**. Go to display AMC027.
- To look at the operation descriptions information, use **F12**. Go to display AMC028.

- To select another order, use **F19**. Go to display AMC020.
- To end the session, use **F24**. Go to the Inquiry menu.

## Function keys

F05 MATERIAL causes the Order Status - Production — Material (Inquiry) display (AMC022) to appear.

F06 MISC CHARGES causes the Order Status - Production — Miscellaneous Charges (Inquiry) display (AMC023) to appear.

F07 SUMMARY causes the Order Status - Production — Summary (Inquiry) display (AMC021) to appear.

F09 OP DATES causes the Order Status - Production — Operation Dates (Inquiry) display (AMC025) to appear.

F10 OP STANDARDS causes the Order Status - Production — Operation Standards (Inquiry) display (AMC026) to appear.

F11 OP HOURS TO DATE causes the Order Status - Production — Operation Hours to Date (Inquiry) display (AMC027) to appear.

F12 OP DESCRIPTIONS causes the Order Status - Production — Operation Descriptions (Inquiry) display (AMC028) to appear.

F19 RETURN TO SELECT causes the Order Status - Production (Select) display (AMC020) to appear.

F24 END OF JOB causes the Inquiry menu to appear.

## Fields

***[?]*** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***QTY (QT).*** Original order quantity plus any deviation.

***ORDER NUMBER (ORDNO) [?].*** Control number used in the open order data base to identify a manufacturing order. To review information for a different manufacturing order, type in the number of that order and press **Enter**.

***ITEM (FITEM).*** Number of the item being produced on this operation.

***SPLIT.*** The quantity that has been split from the order. This appears only if the order has been split.

***AT.*** Number of the operation where the split occurred.

***OPNO (OPSEQ).*** Operation sequence number that identifies an individual operation and defines the sequence in which the operations will be listed and shown.

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***FAC (Facility) (AWRKC).*** The production facility where the operation will be performed.

***DESCRIPTION (OPDSC).*** A description of the individual operation.

***MS (Milestone) (MLSTN).*** This field identifies the type of a sub-operation if it belongs to a milestone group.

First sub-operation:

**B** A milestone group with no activity reported
**P** A milestone group with activity reported
**C** A milestone group with activity reported complete

Not first or last sub-operation:

**S** A sub-operation that is between the first and last sub-operations

Last sub-operation:

**J** The end of a job shop milestone group
**F** The end of a flow shop milestone group

***ST (OPSTC).*** Current operation status.

**00** Inactive
**10** Active; planned but activity not yet reported
**20** Material has been moved to this operation
**30** Labor, machine, or outside operation activity reported
**40** Operation has been reported as complete
**50** All material moved from this operation to next location or next operation

***EXPECTED (Quantity Expected).*** Quantity expected to arrive at the operation. It is the original order quantity factored by the cumulative yield, plus deviation, minus splits, and less the greater of standard or reported scrap in previous operations that are not complete. For previous operations that are complete, the reported scrap value will be used.

***COMPLETE (TQCTD).*** Quantity that has been reported complete at this operation.

***STD SCRAP (Standard Scrap) (SCRAP).*** Expected scrap, based on the standard yield for this operation.

***STD YLD (Standard Yield) (YTOP).*** Standard yield for this operation.

***ACT YLD (Actual Yield) (ATYTOP).*** Actual yield for this operation, based on the reported quantities complete and scrapped.

***QTY OUT (Quantity Out) (QTMVO).*** Quantity that has been moved out of this operation. This appears only if you use the MOVE TO OPERATION transaction, and if you specify the “Operation Moved From” in those transactions. This field is updated by the PM&C application only.

***QTY IN (Quantity In) (QTMVI).*** Actual quantity moved to this operation. This appears in the second line of the information, below the ***QTY EXP*** field, only if you are using the MOVE TO OPERATION transaction. This field is updated by the PM&C application only.

***REMAINING (Quantity Remaining) (QTREM).*** Expected quantity, less the quantities complete and scrapped at this operation.

***ACT SCRAP (SCRAP).*** Actual scrap reported at this operation.

***FIND OPERATION (OPTC).*** If you enter an operation number here and press **Enter**, the application shows the operations starting at the one you specify.

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## AMC025—Order Status–Production–Operation Dates (Inquiry)

Use this display to review manufacturing order operation dates production information.

This display appears when you use **F09 OP DATES** on display AMC021, AMC022, AMC023, AMC024, AMC026, AMC027, or AMC028.

Display AMC025 contains operation dates for the order number entered on display AMC020. Each entry contains two lines of information.

Use the function keys to see more information about your order. You can also type in a different order number and then use the function keys to see information about that different order.

```
DATE **/**/**          ORDER STATUS - PRODUCTION          INQUIRY     AMC025 **
                            OPERATION DATES

ORDER NUMBER   *******  ITEM ***************  DUE DATE **/**/**  RATIO **.**
                                ST  MOVE TIME STD Q  SCH STRT SCH CMPL DATE OUT
OPNO FAC   DESCRIPTION          MS   DATE IN  AVG Q  ACT STRT ACT CMPL

**** ***** ******************** **    *.**    **.**  **/**/** **/**/** **/**/**
                                *    **/**/** **.**  **/**/** **/**/**
**** ***** ******************** **    *.**    **.**  **/**/** **/**/** **/**/**
                                *    **/**/** **.**  **/**/** **/**/**
                                                                             +




FIND OPERATION aaA4         USE ROLL UP/DOWN         F08 OP QUANTITIES
                            F05 MATERIAL             F10 OP STANDARDS
                            F06 MISC CHARGES         F11 OP HOURS TO DATE
                            F07 SUMMARY              F12 OP DESCRIPTIONS
                                                     F19 RETURN TO SELECT
                                                     F24 END OF JOB
```

### What to do

To look at different orders, type in a different order number over the order number showing at the top of the display and press **Enter**. You can also type in a different order number over the order number showing at the top of the display and use a function key to look at the other displays for a different order. Then do one of the following:

- To look at the material information, use **F05**. Go to display AMC022.
- To look at the miscellaneous charges information, use **F06**. Go to display AMC023.
- To look at the summary information again, use **F07**. Go to display AMC021.
- To look at the operation quantities information, use **F08**. Go to display AMC024.
- To look at the operation standards information, use **F10**. Go to display AMC026.
- To look at the operation hours to date information, use **F11**. Go to display AMC027.

- To look at the operation descriptions information, use **F12**. Go to display AMC028.
- To select another order, use **F19**. Go to display AMC020.
- To end the session, use **F24**. Go to the Inquiry menu.

## Function keys

F05 MATERIAL causes the Order Status - Production — Material (Inquiry) display (AMC022) to appear.

F06 MISC CHARGES causes the Order Status - Production — Miscellaneous Charges (Inquiry) display (AMC023) to appear.

F07 SUMMARY causes the Order Status - Production — Material(Inquiry) display (AMC021) to appear.

F08 OP QUANTITIES causes the Order Status - Production — Operation Quantities (Inquiry) display (AMC024) to appear.

F10 OP STANDARDS causes the Order Status - Production — Operation Standards (Inquiry) display (AMC026) to appear.

F11 OP HOURS TO DATE causes the Order Status - Production — Operation Hours to Date (Inquiry) display (AMC027) to appear.

F12 OP DESCRIPTIONS causes the Order Status - Production — Operation Descriptions (Inquiry) display (AMC028) to appear.

F19 RETURN TO SELECT causes the Order Status - Production (Select) display (AMC020) to appear again.

F24 END OF JOB causes the Inquiry menu to appear.

## Fields

***[?]*** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***ORDER NUMBER (ORDNO) [?].*** The order you are reviewing. You can enter a new order number to see information about another order.

***ITEM (FITEM).*** The item number of the item being produced on this order.

***DUE DATE (ODDUT).*** The order date entered at the time of order release

***RATIO (RATIO).*** The order's critical ratio. This is the ratio of time remaining until the due date to time required to complete the order, and is an indication of whether the order is on schedule.

***OPNO (OPSEQ).*** The operation sequence number.

***FAC (Facility) (AWRKC).*** The production facility where the operation is performed.

***DESCRIPTION (DESC).*** The 20-character operation description.

***ST.*** The operation status code. Possible values are:

**00** Inactive
**10** Active or released
**20** The order has been moved to this operation
**30** Activity has been reported
**40** Op complete; activity reported as complete
**50** Move complete

***MS (Milestone) (MLSTN).*** This field identifies the type of a sub-operation if it belongs to a milestone group.

First sub-operation:

**B** A milestone group with no activity reported
**P** A milestone group with activity reported
**C** A milestone group with activity reported complete

Not first or last sub-operation:

**S** A sub-operation that is between the first and last sub-operations

Last sub-operation:

**J** The end of a job shop milestone group
**F** The end of a flow shop milestone group

***MOVE TIME (MOVTM).*** The standard time, in days, to move the order to this operation.

***STD Q (STDQT).*** The standard queue time, in days, for this production facility.

***SCH STRT (SSTDT).*** The scheduled start date for this operation.

***SCH CMPL (SCODT).*** The scheduled completion date of the operation.

***DATE IN (ARRDT).*** The date the order was moved to this operation. Only PM&C move transactions update this field. PC&C move transactions do not change this field.

***AVG Q (AVGQD).*** The average queue time, in days, for this production facility.

***ACT START (ASTDT).*** The actual start date for this operation.

***ACT CMPL (ACODT).*** The actual completion date of the operation.

***DATE OUT (DEPDT).*** The date the order was moved from this operation. Only PM&C move transactions update this field. PC&C move transactions do not change this field.

***FIND OPERATION (OPTC).*** If you enter an operation number here and press **Enter**, the application shows the operations starting at the one you specify.

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# AMC026—Order Status–Production–Operation Standards (Inquiry)

Use this display to review manufacturing order operation standards.

This display appears when you use **F10 OP STANDARDS** on display AMC021, AMC022, AMC023, AMC024, AMC025, AMC027, or AMC028.

Use the function keys to see more information about your order. You can also type in a different order number and then use the function keys to see information about that different order.

```
DATE **/**/**          ORDER STATUS - PRODUCTION          INQUIRY     AMC026 **
                          OPERATION STANDARDS
                                           QTY    *******.***
ORDER NUMBER   *******  ITEM *************** SPLIT *******.***         AT ****
OPNO FAC    DESCRIPTION         M ST QTY EXP      T   LABOR   LABOR REM YIELD
     DEPT   SETUP   TOOL    PROC  S    QTY REM     B  MACHINE  MACHN REM EFFIC

**** ***** ******************** * ** *******.***  * *****.**  *****.**  *.***
     ***** ***.** ****** ******      *******.***    *****.**  *****.**  *.**
                                     OUTSIDE COST   *********.****
**** ***** ******************** * ** *******.***  * *****.**  *****.**  *.***
     ***** ***.** ****** ******      *******.***    *****.**  *****.**  *.**
                                     OUTSIDE COST   *********.****
                                                                          +



FIND OPERATION aaA4          USE ROLL UP/DOWN          F08 OP QUANTITIES
                             F05 MATERIAL              F09 OP DATES
                             F06 MISC CHARGES          F11 OP HOURS TO DATE
                             F07 SUMMARY               F12 OP DESCRIPTIONS
                                                       F19 RETURN TO SELECT
                                                       F24 END OF JOB
```

## What to do

To look at different orders, type in a different order number over the order number showing at the top of the display and press **Enter**. You can also type in a different order number over the order number showing at the top of the display and use a function key to look at the other displays for a different order. Then do one of the following:

- To look at the material information, use **F05**. Go to display AMC022.
- To look at the miscellaneous charges information, use **F06**. Go to display AMC023.
- To look at the summary information again, use **F07**. Go to display AMC021.
- To look at the operation quantities information, use **F08**. Go to display AMC024.
- To look at the operation dates information, use **F09**. Go to display AMC025.
- To look at the operation hours to date information, use **F11**. Go to display AMC027.
- To look at the operation descriptions information, use **F12**. Go to display AMC028.

- To select another order, use **F19**. Go to display AMC020.
- To end the session, use **F24**. Go to the Inquiry menu.

## Function keys

F05 MATERIAL causes the Order Status - Production — Material (Inquiry) display (AMC022) to appear.

F06 MISC CHARGES causes the Order Status - Production — Miscellaneous Charges (Inquiry) display (AMC023) to appear.

F07 SUMMARY causes the Order Status - Production — Summary (Inquiry) display (AMC021) to appear.

F08 OP QUANTITIES causes the Order Status - Production — Operation Quantities (Inquiry) display (AMC024) to appear.

F09 OP DATES causes the Order Status - Production — Operation Dates (Inquiry) display (AMC025) to appear.

F11 OP HOURS TO DATE causes the Order Status - Production — Operation Hours to Date (Inquiry) display (AMC027) to appear.

F12 OP DESCRIPTIONS causes the Order Status - Production — Operation Descriptions (Inquiry) display (AMC028) to appear.

F19 RETURN TO SELECT causes the Order Status - Production (Select) display (AMC020) to appear again.

F24 END OF JOB causes the Inquiry menu to appear.

## Fields

***[?]*** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***QTY (QT).*** The order quantity plus any deviation.

***ORDER NUMBER (ORDNO) [?].*** The order you are reviewing. You can enter a new order number to see information about another order.

***ITEM (FITEM).*** The item number of the item being produced on this order.

***SPLIT (QTSPL).*** The quantity that has been split from the order. This appears only if the order has been split.

***AT (OPSPC).*** Number of the operation where the split occurred.

***OPNO (OPSEQ).*** The operation sequence number.

***FAC (Facility) (AWRKC).*** The production facility where the operation is performed.

***DEPT (DPTNO).*** The department number associated with the facility.

***DESCRIPTION (DESC).*** The 20-character operation description.

***SETUP (SSLHU).*** The standard setup hours per lot.

***TOOL (TOOLS).*** The tool or tool list required by this operation. It appears below the description.

***PROC (PRONO).*** The process sheet number for this operation. It appears below the description.

***ST (ST).*** The operation status code. Possible values are:

**00** Inactive
**10** Active or released
**20** The order has been moved to this operation
**30** Activity has been reported
**40** Op complete; activity reported as complete
**50** Move complete

***MS (Milestone) (MLSTN).*** This field identifies the type of a sub-operation if it belongs to a milestone group.

First sub-operation:

**B** A milestone group with no activity reported
**P** A milestone group with activity reported
**C** A milestone group with activity reported complete

Not first or last sub-operation:

**S** A sub-operation that is between the first and last sub-operations

Last sub-operation:

**J** The end of a job shop milestone group
**F** The end of a flow shop milestone group

***QTY EXP (QTEXP).*** The quantity expected to arrive at this operation. It is the sum of order quantity and deviation factored by yield, less splits and less the greater of standard or reported scrap in previous operations.

***QTY REM (QTREM).*** The quantity remaining at this operation. This is the expected quantity, less the quantities reported complete and scrapped. It appears below the quantity complete.

***TB (TBCDE).*** The time basis code. This determines the meaning of the run labor and machine standards. Possible values are:

**Blank** Hours per unit
**C** Cost per piece (outside operation)
**H** Hours per lot
**M** Minutes per piece
**P** Pieces per hour
**1** Hours per 10 units
**2** Hours per 100 units
**3** Hours per 1000 units
**4** Hours per 10000 units

***LABOR (SRLHU).*** The run labor standard for this operation based on order quantity plus deviation and factored by the time basis code. This is the total standard labor hours required by this operation.

***MACHINE (SRMHU).*** The run machine standard for this operation based on order quantity plus deviation and factored by the time basis code. This is the total standard machine hours required by this operation.

***LABOR REM (LBHRM).*** Remaining labor time. It is based on the remaining labor hours for this operation, based on the quantity remaining, the labor standard, the time basis codes, and the work center efficiency. It includes setup time if the status is 10 or 20.

***MACHN REM (MCHRM).*** Remaining machine time. It is based on the quantity remaining, the machine standard, the time basis code, and the work center efficiency prime load code. It includes setup time if the operation status is 10 or 20.

***YIELD (CYTOP).*** The standard yield for this operation.

***EFFIC (STDEF).*** The standard efficiency for the work center where the operation is performed.

***OUTSIDE COST (OCSC).*** The standard cost per piece charged by the vendor to produce the item. This field is used when the time basis code is C.

***FIND OPERATION.*** If you enter an operation number here and press **Enter**, the system will show the operations starting at the one you specify.

# AMC027—Order Status–Production–Operation Hours to Date (Inquiry)

Use this display to review manufacturing order operation hours-to-date production information.

This display appears when you use **F11 OP HOURS TO DATE** on display AMC021, AMC022, AMC023, AMC024, AMC025, AMC026, or AMC028.

Use the function keys to see more information about your order. You can also type in a different order number and then use the function keys to see information about that different order.

```
DATE **/**/**          ORDER STATUS - PRODUCTION          INQUIRY     AMC027 **
                        OPERATION HOURS TO DATE
                                              QTY    *******.***
ORDER NUMBER   aaaaaa7  ITEM *************** SPLIT *******.***         AT ****
OPNO FAC   DESCRIPTION          ST  SETUP    MACHINE    LABOR   HRS/PC   TIME
FAC:    CMPLT         SCRAP     MS ACT/VAR   ACT/VAR   ACT/VAR  STD/ACT

**** ***** ******************** ** ***.**  *****.**  *****.**  *****.**  *.**
     *******.***  *******.***   *  ***.**  *****.**  *****.**  *****.**
**** ***** ******************** ** ***.**  *****.**  *****.**  *****.**  *.**
     *******.***  *******.***   *  ***.**  *****.**  *****.**  *****.**
                                                                            +




FIND OPERATION aaA4          USE ROLL UP/DOWN         F08 OP QUANTITIES
                             F05 MATERIAL             F09 OP DATES
                             F06 MISC CHARGES         F10 OP STANDARDS
                             F07 SUMMARY              F12 OP DESCRIPTIONS
                                                      F19 RETURN TO SELECT
                                                      F24 END OF JOB
```

## What to do

To look at different orders, type in a different order number over the order number showing at the top of the display and press **Enter**. You can also type in a different order number over the order number showing at the top of the display and use a function key to look at the other displays for a different order. Then do one of the following:

- To look at the material information, use **F05**. Go to display AMC022.
- To look at the miscellaneous charges information, use **F06**. Go to display AMC023.
- To look at the summary information again, use **F07**. Go to display AMC021.
- To look at the operation quantities information, use **F08**. Go to display AMC024.
- To look at the operation dates information, use **F09**. Go to display AMC025.
- To look at the operation standards information, use **F10**. Go to display AMC026.
- To look at the operation descriptions information, use **F12**. Go to display AMC028.
- To select another order, use **F19**. Go to display AMC020.
- To end the session, use **F24**. Go to the Inquiry menu.

## Function keys

F05 MATERIAL causes the Order Status - Production — Material (Inquiry) display (AMC022) to appear.

F06 MISC CHARGES causes the Order Status - Production — Miscellaneous Charges (Inquiry) display (AMC023) to appear.

F07 SUMMARY causes the Order Status - Production — Summary (Inquiry) display (AMC021) to appear.

F08 OP QUANTITIES causes the Order Status - Production —Operation Quantities (Inquiry) display (AMC024) to appear.

F09 OP DATES causes the Order Status - Production — Operation Dates (Inquiry) display (AMC025) to appear.

F10 OP STANDARDS causes the Order Status - Production — Operation Standards (Inquiry) display (AMC026) to appear.

F12 OP DESCRIPTIONS causes the Order Status - Production — Operation Descriptions (Inquiry) display (AMC028) to appear.

F19 RETURN TO SELECT causes the Order Status - Production (Select) display (AMC020) to appear again.

F24 END OF JOB causes the Inquiry menu to appear.

## Fields

***[?]*** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***QTY (QT).*** The order quantity plus any deviation.

***ORDER NUMBER (ORDNO) [?].*** The order you are reviewing. You can enter a new order number to see information about another order.

***ITEM (FITEM).*** The item number of the item being produced on this order.

***SPLIT (QTSPL).*** The quantity that has been split from the order. This appears only if the order has been split.

***AT (OPSPC).*** The number of the operation where the split occurred.

***OPNO (OPSEQ).*** The operation sequence number.

***FAC (Facility) (AWRKC).*** The production facility where the operation is performed.

***DESCRIPTION (OPDSC).*** The 20-character operation description.

***CMPLT (TQCTD).*** The quantity reported complete at this operation. It is shown below the description.

***SCRAP (SCRAP).*** The reported scrap at this operation. It is shown below the description.

***ST (OPSTC).*** The operation status code. Possible values are:

**00** Inactive
**10** Active or released
**20** Order moved to this operation
**30** Activity has been reported
**40** Op complete; activity reported as complete
**50** Move complete

***MS (Milestone) (MLSTN).*** This field identifies the type of a sub-operation if it belongs to a milestone group.

First sub-operation:

**B** A milestone group with no activity reported
**P** A milestone group with activity reported
**C** A milestone group with activity reported complete

Not first or last sub-operation:

**S** A sub-operation that is between the first and last sub-operations

Last sub-operation:

**J** The end of a job shop milestone group
**F** The end of a flow shop milestone group

Each of the following variances is the difference between standard hours for the order quantity and actual hours reported. A positive variance indicates that actual hours are less than standard.

***SETUP ACT/VAR (SLHTD/SLVAR).*** Setup hours to date are shown on the first line, and the setup variance is shown on the second.

***MACHINE ACT/VAR (TMHTD/RMVAR).*** Machine hours to date are shown on the first line and the machine variance is shown on the second. Machine hours variance takes into account the setup crew size.

***LABOR ACT/VAR (RLHTD/RLVAR).*** Labor hours to date are shown on the first line and the labor variance is shown on the second.

Note: Variance is not displayed for the previous three fields unless the operation status code is greater than 10.

***HRS/PC STD/ACT (PRSTD/PRACT).*** This heading is determined by your choice on the PC&C install/tailor questionnaire. Standard pieces per hour or hours per pieces are shown.

***STD/ACT (PRACT).*** Actual pieces per hour or hours per pieces are shown. Hours are prime load code hours.

***TIME (ACST).*** This is the ratio of actual to standard time. It is the inverse of efficiency.

***FIND OPERATION.*** If you enter an operation number here and press **Enter**, the system will show the operations starting at the one you specify.

# AMC028—Order Status–Production–Operation Descriptions (Inquiry)

Use this display to review manufacturing order operation descriptions production information.

This display appears when you use **F12 OP DESCRIPTIONS** on display AMC021, AMC022, AMC023, AMC024, AMC025, AMC026, or AMC027.

Use the function keys to see more information about your order. You can also type in a different order number and then use the function keys to see information about that different order.

```
DATE **/**/**          ORDER STATUS - PRODUCTION          INQUIRY     AMC028 **
                        OPERATION DESCRIPTIONS

ORDER NUMBER   *******  ITEM ***************

OP/NO        SEQ         ADDITIONAL DESCRIPTION

****         ***         ****************************************
****         ***         ****************************************
****         ***         ****************************************
****         ***         ****************************************
****         ***         ****************************************
****         ***         ****************************************
****         ***         ****************************************
****         ***         ****************************************
****         ***         ****************************************
****         ***         ****************************************
                                                                         +
FIND OPERATION aaA4          USE ROLL UP/DOWN         F08 OP QUANTITIES
                             F05 MATERIAL             F09 OP DATES
                             F06 MISC CHARGES         F10 OP STANDARDS
                             F07 SUMMARY              F11 OP HOURS TO DATE
                                                      F14 SOURCE OF DEMAND
                                                      F19 RETURN TO SELECT
                                                      F24 END OF JOB
```

## What to do

To look at different orders, type in a different order number over the order number showing at the top of the display and press **Enter**. You can also type in a different order number over the order number showing at the top of the display and use a function key to look at the other displays for a different order. Then do one of the following:

- To look at the material information, use **F05**. Go to display AMC022.
- To look at the miscellaneous charges information, use **F06**. Go to display AMC023.
- To look at the summary information again, use **F07**. Go to display AMC021.
- To look at the operation quantities information, use **F08**. Go to display AMC024.
- To look at the operation dates information, use **F09**. Go to display AMC025.
- To look at the operation standards information, use **F10**. Go to display AMC026.
- To look at the operation hours to date information, use **F11**. Go to display AMC027.

- To select another order, use **F19**. Go to display AMC020.
- To end the session, use **F24**. Go to the Inquiry menu.

## Function keys

MATERIAL causes the Order Status - Production — Material (Inquiry) display (AMC022) to appear.F05

F06 MISC CHARGES causes the Order Status - Production — Miscellaneous Charges (Inquiry) display (AMC023) to appear.

F07 SUMMARY causes the Order Status - Production — Summary (Inquiry) display (AMC021) to appear.

F08 OP QUANTITIES causes the Order Status - Production — Operation Quantities (Inquiry) display (AMC024) to appear.

F09 OP DATES causes the Order Status - Production — Operation Dates (Inquiry) display (AMC025) to appear.

F10 OP STANDARDS causes the Order Status - Production — Operation Standards (Inquiry) display (AMC026) to appear.

F11 OP HOURS TO DATE causes the Order Status - Production — Operation Hours to Date (Inquiry) display (AMC027) to appear.

F14 SOURCE OF DEMAND causes the Source of Demand display (AMM771) to appear, if MRP is installed and interfacing.

F19 RETURN TO SELECT causes the Order Status - Production (Select) display (AMC020) to appear again.

F24 END OF JOB causes the Inquiry menu to appear.

## Fields

***[?]*** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***ORDER NUMBER (ORDNO) [?].*** The order you are reviewing. You can enter a new order number to see information about another order.

***ITEM (FITEM).*** The item number of the item being produced on this order.

***OP/NO (OPSEQ).*** The operation sequence number. This appears only on lines showing the basic operation description.

***SEQ (DSQNO).*** The additional description sequence number. This appears only on lines showing an additional description line.

***ADDITIONAL DESCRIPTION (ADDSC).*** The text describing this operation.

***FIND OPERATION.*** If you type in an operation number in this field and press **Enter**, the system shows the operations starting at the one you specify.

## AMM771—Source of Demand

Use this display to review all the sources of demand for the order item being processed.

This display appears when you select one of the actions shown below. Details of the order item being reviewed appear in the header area of the display.

| If you chose: | on display: |
|---|---|
| Action code D (Demand) | MRP displays AMM622, AMM625, AMM62A, AMM62C |
| Option 6 = Demand | IM display AMIH11 |
| F14 Source of Demand | PC&C displays AMC021, AMC030 |
| F08 Source of Demand | PUR displays AM61A2, AM61A5, AM61E2 |
| F10 Source of Demand | REP displays AMQ1H6, AMQ445, AMQ583 |

The display also appears when you select option 9 on menu AMMM40. The header area fields allow you to type in the information required, so you can select an order for which source of demand information is to be shown. Source of demand can be selected by order, item, or warehouse, or by any combination of these fields.

```
AMM771                         Source of Demand

 Order      Item                Sequence   Warehouse    Release
 aaaaaA7    aaaaaaaaaaaaA15     nnnnnnn    aA3          nnnn
                                                                   More: - +
 ----- Source of Demand -----
 Order           Line Release  Demand item      Due date  Quantity required
 ************ ******* *****    ***************  **/**/**      *,***,***.***-
 ************ ******* *****    ***************  **/**/**      *,***,***.***-
 ************ ******* *****    ***************  **/**/**      *,***,***.***-
 ************ ******* *****    ***************  **/**/**      *,***,***.***-
 ************ ******* *****    ***************  **/**/**      *,***,***.***-
 ************ ******* *****    ***************  **/**/**      *,***,***.***-
 ************ ******* *****    ***************  **/**/**      *,***,***.***-
 ************ ******* *****    ***************  **/**/**      *,***,***.***-
 ************ ******* *****    ***************  **/**/**      *,***,***.***-
 ************ ******* *****    ***************  **/**/**      *,***,***.***-
 ************ ******* *****    ***************  **/**/**      *,***,***.***-



F12=Return          F24=End of job
```

### What to do

To select the order for which you want to see source of demand information, if you arrived at this display from option 9 on menu AMMM40, type the information requested and press **Enter**. The source of demand information appears on the display. If you arrived here from IM, PC&C, PUR, or REP, the fields at the top are output only and show the order for which you requested source of demand information.

## Function keys

F12=Return causes the display from which you requested demand information to appear again.

F24=End of job ends processing and the menu where you started this task appears again.

## Fields

***Order.*** The order number for the associated data.

***Item.*** The item number for the associated data.

***Sequence.*** The sequence number for the associated data.

***Warehouse.*** The planning warehouse for the associated data.

***Release.*** Sequential number assigned by the system to identify individual releases on a customer order line item.

***Source of demand.*** This field displays the customer order or other top level requirement that generated this manufacturing order or purchase order item. For PC&C, the value +++ indicated that there are more sources of demand for this order than were tracked, due to selected planning run execution options. If the requirement is a customer order, the following fields appear:

> ***Order***: The customer order number.
>
> ***Line***: Line item sequence associated with shipment release detail information.
>
> ***Release***: Date customer manufacturing is due.

Possible values follow. MSSR refers to the Master Schedule Source Planning code.

**BLENDED** The larger of forecast and customer requirements (MSSR=C)

**CUSONLY** Combined customer orders (MSSR=C)

**Cxxxxxx** Customer order number ((MSSR=D or E). The customer order appears in the format of 01-CO-nnnnnnnn.

**FORCAST** Forecast quantity (MSSR=F)

**GENDMND** Generated component quantity based on parent planned orders (MSSR not D or E)

**MANUAL** Manually entered demand. Source of demand is optional at time of entry (MSSR=M)

**M FCST** Manual forecast

**M HELD** Manual held requirement

**M REQMT** Manual requirement

**MSAFETY** Safety quantity (MSSR=D or E)

| | |
|---|---|
| **Mxxxxxx** | Manufacturing order number |
| **NEG QOH** | Negative quantity on hand |
| **P FCST** | Propagated forecast |
| **P REQMT** | Propagated requirement |
| **PRODPLN** | Production planned quantity (MSSR=P) |
| **Sxxxxxx** | Repetitive Manufacturing order, allocated quantity |
| **XS FCST** | Forecast quantity in excess of customer requirements (MSSR=D) |

***Demand item.*** The top level source of demand for this component.

***Due date.*** The due date of the top level source of demand.

***Quantity required.*** The quantity of this item that is required.

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## Option 5. Employee Activity (AMJM10)

Use this option when you want to view all the transactions that have been collected for an employee.

**What information you need:** The number or name for each employee whose accumulated transactions you want to see.

**What reports are printed:** None.

**What forms you need:** None.

The basic steps for inquire about employee activity follow each display.

Contents | Index

# AMJAB1—Employee Activity Inquiry (Select)

Use this display to view all transactions collected for employees.

This display appears when you select option 5 on the PM&C Inquiry menu (AMJM10) or when you invoke this display from the employee's entry on the Department Status Inquiry display.

```
DATE **/**/**       EMPLOYEE ACTIVITY INQUIRY     SELECT    AMJAB1  **

  EMPLOYEE aaaA5


ACTIVE TRANSACTIONS ONLY <Y/N>      A
ERROR TRANSACTIONS ONLY  <Y/N>      A







                              F24  END OF JOB
```

## What to do

- To view the collected transactions for a particular employee, type in the employee number, and indicate whether you want to view active transactions only, or whether you want to view error transactions only. Press **Enter** and display AMJAB2 appears, if you entered an employee number.
- To end the session, use **F24**. Go to the PM&C Inquiry menu (AMJM10).

## Function keys

F24 END OF JOB ends the inquiry and causes the PM&C Inquiry menu (AMJM10) to appear again.

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***EMPLOYEE [?].*** Type in the employee number.

***ACTIVE TRANSACTIONS ONLY <Y/N>.*** For the transactions that you have not deactivated through transaction maintenance, or that have not already been prepared, type in **Y**. If you want to see all transactions, type in **N**. The default is N.

***ERROR TRANSACTIONS ONLY <Y/N>.*** For the transaction numbers of transactions containing errors, type in **Y**. If you want to see the transaction numbers of all transactions, type in **N**. The default is **N**.

# AMJAB2—Employee Activity Inquiry (Inquiry)

Use this display to view all transactions for the selected employee.

This display appears when you enter an employee number on the Employee Activity Inquiry (Select) display (AMJAB1).

```
DATE **/**/**         EMPLOYEE ACTIVITY INQUIRY      INQUIRY    AMJAB2  **

EMPLOYEE  nnnnn    NAME *************************
               STATUS **************************

TO MAINTAIN, MOVE CURSOR TO TRANSACTION; PRESS ENTER.
  DATE     TIME   A TYPE  ORDER              TRANSACTION DETAIL
**/**/** **:**:** * ** * ******* **********************************************
                *         TRANSACTION NUMBER: *******
**/**/** **:**:** * ** * ******* **********************************************
                *         TRANSACTION NUMBER: *******
**/**/** **:**:** * ** * ******* **********************************************
                *         TRANSACTION NUMBER: *******
**/**/** **:**:** * ** * ******* **********************************************
                *         TRANSACTION NUMBER: *******
**/**/** **:**:** * ** * ******* **********************************************
                *         TRANSACTION NUMBER: *******
**/**/** **:**:** * ** * ******* **********************************************
                *         TRANSACTION NUMBER: *******
                                         USE ROLL UP/DOWN
                                         F02 ADDITIONAL FIELDS
 * * *  ERROR TRANSACTIONS ONLY  * * *                F05 REFRESH
 * * *  ACTIVE TRANSACTIONS ONLY  * * *              F19 RETURN TO SELECT
                                         F24 END OF JOB
```

## What to do

- To maintain the transactions appearing on the display, position the cursor on the transaction and press **Enter**. The maintenance display for the transaction will appear.

  **Note:** If you do not have authority to the transaction maintenance menu option, or to the specific transaction type, you will receive an error message. When you press **Enter**, the display appears again.

- To show or remove the transaction number from the display, use **F02**.
- To refresh the data on your display and update employee status, use **F05**.
- To return to the Employee Activity Inquiry (Select) display (AMJAB1), use **F19**.
- To end the session, use **F24**. Go to the PM&C Inquiry menu (AMJM10).
- To see the list of transactions for another employee, type the new employee number and press **Enter**.

## Function keys

ROLL UP/DOWN shows the next page of transactions. If the last page is already shown, the first page appears again.

F02 ADDITIONAL FIELDS adds or removes the transaction number from the information shown on the display.

F05 REFRESH causes display AMJAB2 to appear again with transaction status and employee status updated.

F19 RETURN TO SELECT causes the Employee Activity Inquiry (Select) display (AMJAB1) to appear again.

F24 END OF JOB ends the inquiry and causes the PM&C Inquiry menu (AMJM10) to appear again.

## Fields

***EMPLOYEE.*** You can key over the employee number to view another employee's transactions.

***NAME.*** The employee's name.

***STATUS.*** The employee's status in one of the following formats:

**OUT.** The employee is absent and there is no absence entry.

**LT: c tt:tt** The employee has called in late, where c is a one-character code indicating the reason, and tt:tt is the expected time of arrival. Reason code and expected arrival time have been entered through Absence Entry and Approval (option 1 on the Administration menu, AMJM40).

**AB: c tt:tt dd/dd/dd a.** The employee is absent, and an absence entry has been entered through Absence Entry and Approval (option 1 on the Administration menu, AMJM40). The codes in this example show that the employee is absent (c) and plans to return on the date (dd/dd/dd) and at the time (tt:tt) shown. The code (a) indicates if the leave request is approved (A), requested only (R), or rejected (X).

**IN: tt:tt Not yet on job.** The employee is present and has not yet worked on a job. tt:tt is the time that the employee arrived.

**IN: tt:tt Off job tt:tt.** The employee is present and has worked on at least one job, but has clocked off all jobs. The first tt:tt is the time that the employee arrived; the second is the time that the employee clocked off the last job.

**ON: j j j j j j j OP: oooo Type: t.** The employee is in, working on order j j j j j j j and operation oooo. Type code (t) is a value of R, S, or I to indicate whether the employee is doing run, setup, or indirect labor. If an employee is signed on to multiple jobs, this shows only the most recent job.

**SCHEDULE NOT DEFINED.** The employee is not assigned to a valid work schedule, and the system cannot determine whether the employee is present or absent.

***DATE.*** The date of the transaction on this line.

***TIME.*** The time of the transaction.

***A (Active Transaction Code).*** The code that shows the activity status of this transaction. The possible codes are:

| | |
|---|---|
| **Blank** | Activated |
| **X** | Prepared |
| **N** | Deactivated |
| **W** | Waiting to be processed |
| **E** | Error when deactivate requested |

***TYPE.*** The transaction type and subtype. Valid values are:

- Production Monitoring and Control transactions:
  - ER—Transaction Error
  - TA—Time and Attendance
  - ZZ—User-Defined Transaction.
- Inventory Management transactions:
  - CQ—Cyclic Item QC Complete
  - IP—Planned Issue
  - IS—Miscellaneous Issue
  - IU—Unplanned Component Issue
  - IW—Interwarehouse Issue
  - MQ—Manufactured Item QC Complete
  - PC—Pick Complete By Order
  - PH—Physical Inventory
  - PQ—Purchased Item QC Complete
  - QC—Approve/Reject Entire Location
  - RC—Miscellaneous Receipt
  - RD—P.O. Receipt to Dock
  - RI—P.O. Receipt to Inspection
  - RM—Production Receipt
  - RP—P.O. Receipt to Stock
  - RS—Component Return to Stock
  - RW—Interwarehouse Receipt
  - SA—Sales Shipment
  - SC—Manufactured Component Scrap
  - SM—Manufacturing Order Scrap
  - SP—Purchase Order Scrap
  - SS—Scrap from Stock
  - TW—Interwarehouse Transfer
  - VR—Return Purchase to Vendor.
- Production Control and Costing transactions:
  - CC—Crew Clock
  - MC—Miscellaneous Charge
  - MV—Move
  - OC—Order Complete
  - OF—Job Off
  - ON—Job On.
- Repetitive Production Management transactions:
  - CL—Component Transfer to Line
  - CN—Component Return to Stores
  - IP—Planned Issue
  - PS—Production Status
  - RL—Replenishment
  - RM—Schedule Receipt
  - RO—Operation Reporting
  - SC—Component Scrap
  - SM—Schedule Scrap.

***ORDER.*** The order applicable to this transaction. This field does not appear for time and attendance transactions and recognized errors or user-defined transactions.

***TRANSACTION DETAIL.*** The field shows selected important transaction fields.

***TRANSACTION NUMBER.*** The tracking number assigned to the transaction when it enters the system.

## Option 6. Employee Information (AMJM10)

Use this option when you want to see permanent information about an employee, leave requests, and the employee’s current status.

**What information you need:** The number or name for each employee whose permanent information you want to see.

**What reports are printed:** None.

**What forms you need:** None.

The basic steps to inquire about employee information follow each display.

# AMJAC1—Employee Information Inquiry (Select)

Use this display to view permanent information about an employee, absence information, and the employee's current status.

This display appears when you select option 6 on the PM&C Inquiry menu (AMJM10).

```
DATE **/**/**          EMPLOYEE ACTIVITY INQUIRY      INQUIRY    AMJAB2  **

EMPLOYEE   nnnnn    NAME *************************
                 STATUS **************************

TO MAINTAIN, MOVE CURSOR TO TRANSACTION; PRESS ENTER.
  DATE     TIME    A TYPE  ORDER                TRANSACTION DETAIL
**/**/** **:**:** * ** * ******* **********************************************
                  *          TRANSACTION NUMBER: *******
**/**/** **:**:** * ** * ******* **********************************************
                  *          TRANSACTION NUMBER: *******
**/**/** **:**:** * ** * ******* **********************************************
                  *          TRANSACTION NUMBER: *******
**/**/** **:**:** * ** * ******* **********************************************
                  *          TRANSACTION NUMBER: *******
**/**/** **:**:** * ** * ******* **********************************************
                  *          TRANSACTION NUMBER: *******
**/**/** **:**:** * ** * ******* **********************************************
                  *          TRANSACTION NUMBER: *******
                                             USE ROLL UP/DOWN
                                             F02 ADDITIONAL FIELDS
 * * *  ERROR TRANSACTIONS ONLY  * * *                 F05 REFRESH
 * * *  ACTIVE TRANSACTIONS ONLY  * * *               F19 RETURN TO SELECT
                                             F24 END OF JOB
```

## What to do

- To inquire about an employee's permanent information, type in the employee number and press **Enter**. The AMJAC2 display appears if you entered an employee number.
- To end the session, use **F24**. Go to the PM&C Inquiry menu (AMJM10).

## Function keys

F24 END OF JOB ends the inquiry and causes the PM&C Inquiry menu (AMJM10) to appear again.

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***EMPLOYEE [?].*** Type in the employee number.

# AMJAC2—Employee Information Inquiry (Inquiry)

Use this display to see permanent information about the selected employee.

This display appears when you enter an employee number on the Employee Information Inquiry (Select) display (AMJAC1).

```
DATE **/**/**        EMPLOYEE INFORMATION INQUIRY    INQUIRY   AMJAC2  **

 EMPLOYEE aaaA5      NAME ************************

DEPARTMENT ****      CURRENT ****    STATUS **************************
FACILITY ID *****       *****
OCCUPATION **********
WORK CREW  ***       MULTI-JOB <Y/N> *      TEMP BADGE *****
                            EXPIRES **/**/**
SHIFT <1-3> *        SCHEDULE <1-999> ***

  ADDRESS ********************
CITY/STATE ********************    ZIP **********    TELEPHONE *** ********

  COMPANY **        ---------- EMPLOYEE LEAVE INFORMATION -----------
    HIRE **/**/** AC TYPE ST DESCRIPTION    START        END
 TERMINATE **/**/** *  *    *  **********  **/**/** **.** **/**/** **.**
              *  *    *  **********  **/**/** **.** **/**/** **.**
              *  *    *  **********  **/**/** **.** **/**/** **.**
              *  *    *  **********  **/**/** **.** **/**/** **.**

                                    USE ROLL UP/DOWN
                                    F19 RETURN TO SELECT
                                    F24 END OF JOB
```

## What to do

- To look at information for another employee, type the employee number in the ***EMPLOYEE*** field and press **Enter**.
- To return to the Employee Information Inquiry (Select) display (AMJAC1), use **F19**.
- To end the session, use **F24**. Go to the PM&C Inquiry menu (AMJM10).

## Function keys

ROLL UP/DOWN shows the next four absence records. If the last four absence records are already shown, the first four appear again.

F19 RETURN TO SELECT causes the Employee Information Inquiry (Select) display (AMJAC1) to appear again, so you can review the information for another employee.

F24 END OF JOB ends this inquiry and causes the PM&C Inquiry menu (AMJM10) to appear again.

## Fields

***EMPLOYEE.*** The employee number you selected.

***NAME.*** The employee's name.

***DEPARTMENT.*** The employee's home department.

***CURRENT.*** The department and facility of the job appears, if the employee is now working on a job.

***STATUS.*** The employee's status in one of the following formats:

**OUT.** The employee is absent and there is no absence entry.

**LT: c tt:tt.** The employee has called in late, where c is a one-character code indicating the reason, and tt:tt is the expected time of arrival. Reason code and expected arrival time have been entered through Absence Entry and Approval (option 1 on the Administration menu, AMJM40).

**AB: c tt:tt dd/dd/dd a.** The employee is absent, and an absence entry has been entered through Absence Entry and Approval (option 1 on the Administration menu, AMJM40). The codes in this example show that the employee is absent (c) and plans to return on the date (dd/dd/dd) and at the time (tt:tt) shown. The code (a) indicates if the leave request is approved (A), requested only (R), or rejected (X).

**IN: tt:tt Not yet on job.** The employee is present and has not yet worked on a job. tt:tt is the time that the employee arrived.

**IN: tt:tt Off job tt:tt.** The employee is present and has worked on at least one job, but has clocked off all jobs. The first tt:tt is the time that the employee arrived; the second is the time that the employee clocked off the last job.

**ON: j j j j j j j OP: oooo Type: t.** The employee is in, working on order j j j j j j j and operation oooo. Type code (t) is a value of R, S, or I to indicate whether the employee is doing run, setup, or indirect labor. If an employee is signed on to multiple jobs, this shows only the most recent job.

**SCHEDULE NOT DEFINED.** The employee is not assigned to a valid work schedule, and the system cannot determine whether the employee is present or absent.

***FACILITY ID.*** The employee's home facility.

***OCCUPATION.*** The description of the employee's occupation.

***WORK CREW.*** The work crew, if any, to which the employee is assigned.

***MULTI-JOB <Y,N>.*** If the employee is authorized to work on more than one job at a time a Y appears; otherwise an N appears.

***TEMP BADGE.*** The employee's temporary badge number, if he has one.

***EXPIRES.*** The expiration date of a temporary badge, if this employee has one.

***SHIFT <1-3>.*** The shift to which the employee is assigned.

***SCHEDULE <1-999>.*** The number of the schedule to which the employee is assigned.

***ADDRESS.*** The employee's street address. This field will not appear if you do not have view authority.

***CITY/STATE.*** The employee's city and state. This field will not appear if you do not have view authority.

***ZIP.*** The employee's zip code. This field will not appear if you do not have view authority.

***TELEPHONE.*** The employee's home area code and telephone number. This field will not appear if you do not have view authority.

***COMPANY.*** The number of the company to which the employee is assigned.

***HIRE.*** The employee's date of hire.

***TERMINATE.*** The date of termination for an employee who has been terminated.

Absence information appears in the lower right corner of this display. Use **roll up/ down** to more absence information, if necessary.

***AC (Absence Code).*** The field contains one of these values:

**A** Absent
**L** Late
**V** Vacation

***TYPE.*** The absence type. This is a one-character code assigned by your company for types of absence requested.

***ST (Absence Status).*** The field contains one of these values:

**R** Requested, not yet approved or rejected
**A** Approved
**X** Rejected

***DESCRIPTION.*** The description of the absence request. This field is optional, but allows more identification than the absence type code.

***START.*** The starting date and time of the absence.

***END.*** The ending date and time of the absence.

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# Chapter 4. Reports

When you select option 2 on the Production Monitoring and Control Main Menu (AMJM00), the Reports menu (AMJM20) appears. The menu has 6 options to allow you to print work lists (dispatch lists) and shop packets for production personnel, to print reports used to analyze the summarized or detailed status of selected manufacturing orders, to print summarized or detailed status information about your employees, and to print receiving tickets for purchase orders.



```
AMJM20                Production Monitoring and Control              **********
                                   Reports

Type option or command; press Enter.

     1. Work List Generation
     2. Shop Packets - Multiple Orders
     3. Shop Packets - Individual Orders
     4. Order Status Reports
     5. Employee Status / Activity Report
     6. Purchasing Receiving Tickets

 ________________________________________________________________________

F3=Exit           F4=Prompt     F9=Retrieve     F10=Actions
F11=Job status    F12=Return    F22=Messages
```

**Option 1. Work List Generation**. Use this option to print work lists, the Critical Ratio Exception Report, or the Work Center Analysis Report.

**Option 2. Shop Packets - Multiple Orders**. Use this option to print or reprint bar coded shop packets for orders. You can print packets for all orders or select orders by date or order number range.

**Option 3. Shop Packets - Individual Orders**. Use this option to print or reprint a shop packet for a selected order.

**Option 4. Order Status Reports**. Use this option to print summary or detail reports showing the status of selected production orders.

**Option 5. Employee Status / Activity Report**. Use this option to print the Employee Status / Activity report.

**Option 6. Purchasing Receiving Tickets**. Use this option to print receiving tickets for purchase order items.

## Option 1. Work List Generation (AMJM20)

Use this option to print work lists for open manufacturing orders.

**What information you need:** None.

**What reports are printed:**

- Order Status Report (Critical Orders) (AMC31B)
- Work Center Analysis Report (AMC780)
- Work List (AMV750)
- Work List Priority Calculation Edit (AMV720)

**What forms you need:** None.

The steps for printing work lists are listed under the displays.

## AMV71A—Work List Generation (Select Site)

Use this display to select the site for which you want to generate a work list.

This display appears, if EPDM is activated, after you select option 1 on the PM&C Reports menu (AMJM20), option 5 on the Purchasing Reports menu (AM6M40), or option 8 on the PC&C Main Menu (AMCM00).

```
DATE **/**/**              WORK LIST GENERATION          SELECT   AMV71A   BJ


                   SELECT SITE TO BE PROCESSED   aA3








     F4  PROMPT                                          F24  CANCEL THE JOB
```

### What to do

- To begin to generate a work list, type in the site you want to use and press **Enter**. Use **F4** to search for sites. The Work List Generation display appears.
- To cancel the session, use **F24**. You return to the menu.

### Function keys

F4 PROMPT allows you to search a list of sites.

F24 CANCEL THE JOB cancels the job and causes the menu to appear.

### Fields

***SELECT SITE TO BE PROCESSED [?].*** Type in a site identifier you want to use. The site you enter must be defined already in EPDM and cannot be a simulation site.

## AMV710—Work List Generation (Select)

Use this display to generate the Work List report and the Critical Ratio Exception report.

This display appears after you select option 1 on the PM&C Reports menu (AMJM20), option 5 on the Purchasing Reports menu (AM6M40), or option 8 on the PC&C Main Menu (AMCM00).

If EPDM is activated, the display appears after you have selected a site on the Site Select display (AMV71A).

```
DATE **/**/**              WORK LIST GENERATION          SELECT    AMV710

SITE                                ***      ******************************
WORK LIST HORIZON               nnnnnnn
RUN DATE                        nnnnnnn
PRIORITY METHOD                          A   1 - BY ORDER DUE DATE
                                             2 - BY SLACK TIME PER OPERATION
                                             3 - BY CRITICAL RATIO
                                             4 - BY OPERATION DUE DATE
ORDER UNDER CRITICAL RATIO VALUE LIST    A   <Y/N>
RATIO VALUE                            nnn.nn
WORK LIST OPTIONS   <Y/N>                A   BY WORK CENTER
                                         A   BY WORK CENTER WITHIN DEPARTMENT
                                         A   BY WORK CENTER WITHIN FOREMAN

WORK CENTER ANALYSIS REPORT              A   <Y/N>
QUEUE ALPHA FACTOR                        .nn
QUEUE RANGE                              n.nn
DAYS IN PERIOD                          nn
TRACKING SIGNAL TRIP                     n.n


                                                     F24 CANCEL THE JOB
```

### What to do

- To generate a work list, type in the information requested and press **Enter**.
- To cancel the session, use **F24**. You return to the menu.

### Function keys

F24 CANCEL THE JOB cancels the job and causes the menu to appear.

### Fields

All defaults are specified during application tailoring.

***SITE (STID).*** The site identifier that you selected on the previous display. The description also appears.

***WORK LIST HORIZON (HDATE).*** Type in a work list horizon date in order to exclude work scheduled to start after a certain date from the work list. The work list then shows only those operations scheduled to be worked before the horizon.

***RUN DATE (RDATE).*** The date you want the work list to be generated. Type in the run date. If you do not type in a run date, the system date is the default.

***PRIORITY METHOD (PRIMTH).*** This field is the priority method selected in PC&C during the last work list generation. Only options 1 and 3 appear for Purchasing. Type in the corresponding number to select how the list of manufacturing orders should be prioritized:

**1** BY ORDER DUE DATE. Lists by due date.

**2** BY SLACK TIME PER OPERATION. Lists by slack time per operation. Slack time is the total time that the order could wait in the queue and still be completed by the due date.

**3** BY CRITICAL RATIO. Lists by critical ratio. The critical ratio is the ratio of the time remaining for order completion to the work remaining.

**4** BY OPERATION DUE DATE. Lists by operation due date. Operations furthest behind schedule have the highest priority. This only applies for backward scheduling.

***ORDERS UNDER CRITICAL RATIO VALUE LIST (UCRYN).*** Type in **Y** to print the Critical Ratio Exception Report. Otherwise, type in **N**. The default is the value specified during application tailoring.

***RATIO VALUE (RATIO).*** Type in a value to be used in printing the Critical Ratio Exception Report. The orders printed on this report are as critical or more critical than the ratio value typed in. The default is the value specified during application tailoring.

***WORK LIST OPTIONS <Y/N>.*** Select a list or a combination of lists by typing in **Y** or **N** for each of the three sequence options:

***BY WORK CENTER***
***BY WORK CENTER WITHIN DEPARTMENT***
***BY WORK CENTER WITHIN FOREMAN***

The following fields apply to PC&C only.

***WORK CENTER ANALYSIS REPORT (ANS0S).*** Type in **Y** to print the Work Center Analysis report. The default is N.

***QUEUE ALPHA FACTOR (QALPHA).*** Type in the value used to calculate the average queue time and a new mean average deviation.

***QUEUE RANGE (RANGE).*** Type in the value used to calculate the number of mean average deviations (MADS). This value sets the limits of a range of hours in a queue, above and below which a warning message is printed.

***DAYS IN PERIOD (DAYS).*** Type in the number of days since the last order closeout run cleared this period accumulation field. The number of days in the period is used to calculate the work center utilization and output statistics.

***TRACKING SIGNAL TRIP.*** Type in the number of days that an increasing or decreasing trend in a work center's queue time may be outside the normal range before you want a warning message printed.

# Option 2. Shop Packets–Multiple Orders (AMJM20)

Use this option to create shop packets for multiple manufacturing orders.

**What information you need:** None.

**What reports are printed:** All or some of the following reports are printed, depending upon the options you select on the Shop Packet Creation Options displays and the options you selected during application tailoring:

- Shop Packet Summary List (AMC280)
- Material Picking Lists (AMI9I1 or AMI9I2)
- Shop Packet Worksheet (AMI4H2 or AMI4H3)
- Labor Tickets
- Manufacturing Order Receiving Tickets

**What forms you need:** None.

The steps for creating shop packets for multiple manufacturing orders follow each display.

# AMI4E0—Shop Packets–Multiple Orders

Use this display to select options for creating shop packets for multiple orders.

This display appears when you select option 4 on the Order Release and Closeout menu (AMIM40), followed by option 1 on the Shop Packet Creation menu (AMIM44). It also appears when you select option 2 on the PM&C Reports menu (AMJM20) or option 1 on the PC&C Shop Packet Creation menu (AMCM40).

```
DATE **/**/**     SHOP PACKETS - MULTIPLE ORDERS          SELECT     AMI4E0   **


   SELECT ONE OF THE FOLLOWING:                                  n
             1 ALL ORDERS
             2 ALL ORDERS WITHIN A RANGE OF START DATES
             3 ALL ORDERS WITHIN A RANGE OF DUE DATES
             4 ALL ORDERS WITHIN A RANGE OF ORDER NUMBERS

   PRINT ONLY ORDERS NOT PREVIOUSLY PRINTED <Y/N>                A

   PRINT CLOSED ORDERS <Y/N>                                     A



                                                        F24 CANCEL THE JOB
```

## What to do

- To create shop packets for all orders type **1** and press **Enter**. Go to display AMI4E3.

- To create shop packets for all orders within a range of start dates, type **2** and press **Enter**. Go to display AMI4E1.
- To create shop packets for all orders within a range of due dates, type **3** and press **Enter**. Go to display AMI4E1.
- To create shop packets for all orders within a range of order numbers, type **4** and press **Enter**. Go to display AMI4E2.

### Function keys

F24 CANCEL THE JOB causes the menu from which you started to appear again. No shop packets are scheduled for printing.

### Fields

***SELECT ONE OF THE FOLLOWING.*** Required. Type in one of the following options to print shop packets for orders that have not previously had a shop packet printed.

**1** All orders. Display AMI4E3 appears so you can specify report details.

**2** All orders within a range of start dates. Display AMI4E1 appears so you can specify a range of start dates. .

**3** All orders within a range of due dates. Display AMI4E1 appears so you can specify a range of due dates. .

**4** All orders within a range of order numbers. Display AMI4E2 appears so you can specify a range of order numbers. .

***PRINT ONLY ORDERS NOT PREVIOUSLY PRINTED <Y/N>.*** Type in one of the following codes:

**Y** Print orders not previously selected for shop packet printing.
**N** Print all orders, whether or not printed previously.

***PRINT CLOSED ORDERS <Y/N>.*** Type in one of the following codes:

**Y** Include orders that are at a status 45, 55, or selected to be forced closed.
**N** Do not include orders that are at a status 45, 55, or selected to be forced closed.

## AMI4E1—Shop Packets–Multiple Orders–Date Range

Use this display to specify a start date or due date range when printing shop packets for multiple orders.

This display appears when you select option 2 or 3 on the Shop Packets Multiple - Orders (Select) display (AMI4E0).

```
DATE **/**/**      SHOP PACKETS - MULTIPLE ORDERS          SELECT     AMI4E1   **
                             DATE RANGE


   BEGINNING START DATE       nn/nn/nn

   ENDING START DATE          nn/nn/nn










                                                            F19 RETURN TO SELECT
                                                            F24 CANCEL THE JOB
```

## What to do

To enter a start date or a due date range, type in the requested information and press **Enter**. Go to display AMI4E3.

## Function keys

F19 RETURN TO SELECT causes display AMI4E0 to appear again, and any data entered to be ignored.

F24 CANCEL THE JOB causes the menu from which you started to appear again, and no shop packet to be scheduled for printing.

## Fields

The fields on this display are optional. The beginning field value must be less than the ending field value. If zeros are typed in for day, month, or year, or if the date is left blank, the application assumes no limit is required for that portion or for the entire date.

***BEGINNING START DATE***
***ENDING START DATE.*** These fields appear when you select option 2 on display AMI4E0. Type in the range of start dates for which shop packets are to be printed.

***BEGINNING DUE DATE***
***ENDING DUE DATE.*** These fields appear when you select option 3 on display AMI4E0. Type in the range of due dates for which shop packets are to be printed.

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# AMI4E2—Shop Packets–Multiple Orders–Order Number Range

Use this display to specify an order number range when printing shop packets for multiple orders.

This display appears when you select option 4 on display AMI4E0.

```
DATE **/**/**      SHOP PACKETS - MULTIPLE ORDERS          SELECT     AMI4E2   **
                         ORDER NUMBER RANGE


   BEGINNING ORDER     aaaaaA7

   ENDING ORDER        aaaaaA7









                                                           F19 RETURN TO SELECT
                                                           F24 CANCEL THE JOB
```

## What to do

To enter an order number range, type in the requested information and press **Enter**. Go to display AMI4E3.

## Function keys

F19 RETURN TO SELECT causes display AMI4E0 to appear again, and any data entered to be ignored.

F24 CANCEL THE JOB causes the menu from which you started to appear again, and no shop packet to be scheduled for printing.

## Fields

The fields on this display are optional.

***BEGINNING ORDER***
***ENDING ORDER.*** Type in a beginning order number or ending order number, or both. If only a beginning order number is entered, a shop packet is printed for that and all succeeding order numbers. If only an ending number is entered, a shop packet is printed for all orders up to and including the order number entered.

## AMI4E3—Shop Packets–Multiple Orders–Report Detail

Use this display to specify worksheet print options, separate warehouse pick lists, and labor ticket print format options.

This display appears when you select option 1 (ALL ORDERS) on display AMI4E0 or when you enter date limits or order limits on display AMI4E1 or AMI4E2, respectively.

Depending on the options selected during application tailoring, each field already contains a Y or N response. Most field values can be changed, but the cursor skips those fields that cannot be changed.

```
DATE **/**/**     SHOP PACKETS - MULTIPLE ORDERS          SELECT     AMI4E3   **
                           REPORT DETAIL

WORKSHEETS<Y,N>                  A         STANDARD COSTS<Y,N>             A
                                           ORDER TRACKING DATES<Y,N>       A

MATERIAL DETAIL<Y,N>             A         PRINT COMPONENT BARCODE<Y,N>    A
                                            PRINT FLOORSTOCK BARCODE<Y,N>  A
                                           PRINT LOCATION BARCODE<Y,N>     A
SEQUENCE<1,2,3>                  n

OPERATION DETAIL<Y,N>            A         INACTIVE OPS INCLUDED<Y,N>      A
                                           ADDITIONAL DESCRIPTIONS<Y,N>    A
                                           STANDARD TIMES<Y,N>             A
                                           PRINT OP DETAIL BARCODE<Y,N>    A
MISCELLANEOUS DETAIL<Y,N>        A         PRINT MISC CHG BARCODE<Y,N>     A

SEPARATE WAREHOUSE PICK LIST<Y,N> A        CONSOLIDATED FOR BULK PICK<Y,N> A
                                           PRINT COMPONENT BARCODE<Y,N>    A
                                            PRINT FLOORSTOCK BARCODE<Y,N>  A
                                           PRINT LOCATION BARCODE<Y,N>     A

                                                         F19 RETURN TO SELECT
                                                         F24 CANCEL THE JOB
```

### What to do

To print shop packets, type in the information requested and press **Enter**. Shop packets are created for the orders you requested and the reports are scheduled for printing. Go to display AMI4E4.

### Function keys

F19 RETURN TO SELECT causes display AMI4E0 to appear again, and any data entered to be ignored.

F24 CANCEL THE JOB causes the menu from which you started to appear and no shop packet to be scheduled for printing.

## Fields

All of the fields on this display are required.

***WORKSHEETS <Y/N>.*** Type in **Y** to print shop packet worksheets. A Y response is required to select the options for material detail records, operation detail records, or miscellaneous detail records.

> ***STANDARD COSTS <Y/N>***. Type in **Y** to print standard costs on the shop packet worksheets. If NOT CLEARED or NO COSTING appears, you cannot use this option.
>
> ***ORDER TRACKING DATES <Y/N>***. Type in **Y** to print tracking summary and detail record dates on the shop packet worksheets.

***MATERIAL DETAIL <Y/N>.*** Type in **Y** to print material lists.

> ***PRINT COMPONENT BARCODE <Y/N>.*** Type in **Y** to print the component barcode on the shop packet worksheets. This field appears only if PM&C is installed and interfacing with IM.
>
> > ***PRINT FLOORSTOCK BARCODE <Y/N>.*** Appears only in PM&C. Type in **Y** to print the floorstock barcode on the shop packet worksheets. This field appears only if PM&C is installed and interfacing with IM.
>
> ***PRINT LOCATION BARCODE <Y/N>***. Type in **Y** to print the location barcode on the shop packet worksheets. This field appears only if PM&C is installed and interfacing with IM.

***SEQUENCE <1/2/3>.*** The report sequence answer you gave during application tailoring. You can change this number to select the sequence for component items.

**1** Item number. Print the shop packet worksheets in item number sequence.

**2** Warehouse location. Print the shop packet worksheets in warehouse location sequence.

**3** User sequence number. Print the shop packet worksheets in user sequence number sequence.

***OPERATION DETAIL <Y/N>.*** Type in **Y** to include the operation detail records on the shop packet worksheets. The manufacturing order routing is printed on a new page after the material list.

> ***INACTIVE OPS INCLUDED <Y/N>***. Type in **Y** to include inactive operations if a manufacturing order routing is printed.
>
> ***ADDITIONAL DESCRIPTIONS <Y/N>***. Type in **Y** to print additional operation descriptions following the operation detail on the worksheets. If NOT SUPPORTED appears, you cannot use this option.
>
> ***STANDARD TIMES <Y/N>.*** Type in **Y** to print standard times. If NOT CLEARED appears, you cannot use this option.
>
> ***PRINT OP DETAIL BARCODE <Y/N>***. Type in **Y** to print operation detail bar codes on the shop packet worksheets. The default is the value you chose during application tailoring. This field appears only if PM&C is installed and interfacing with PC&C.

***MISCELLANEOUS DETAIL <Y/N>.*** Type in **Y** to print miscellaneous detail records on the shop packet worksheet. The miscellaneous charges list is printed after the manufacturing routing.

***PRINT MISC CHG BARCODE <Y/N>***. Type in **Y** to print miscellaneous charge bar codes on the shop packet worksheets. The default is the value you chose during application tailoring. This field appears only if PM&C is installed and interfacing with PC&C.

***SEPARATE WAREHOUSE PICK LIST <Y/N>.*** Type in **Y** to print a pick list of material only. This report is printed after the worksheets and can be used instead of or in addition to the worksheet material list. It does not print each warehouse separately.

***CONSOLIDATED FOR BULK PICK <Y/N>***. Type in one of the following codes:

**Y** Print the separate warehouse pick list in warehouse stocking location sequence consolidated by item.

**N** Print the separate warehouse pick list in warehouse stocking location/ item sequence with one order per page.

***PRINT COMPONENT BARCODE <Y/N>.*** Type in **Y** to print the component barcode on the warehouse pick list. This field appears only if PM&C is installed and interfacing with IM.

***PRINT FLOORSTOCK BARCODE <Y/N>.*** Appears only in PM&C. Type in **Y** to print the floorstock barcode on the shop packet worksheets. This field appears only if PM&C is installed and interfacing with IM.

***PRINT LOCATION BARCODE <Y/N>.*** Type in **Y** to print the location barcode on the warehouse pick list. This field appears only if PM&C is installed and interfacing with IM.

## AMI4E4—Shop Packets–Multiple Orders–Additional Report Details

Use this display to specify your pick list, labor ticket, and receiving ticket options.

This display appears when you press **Enter** on display AMI4E3.

```
DATE **/**/**     SHOP PACKETS - MULTIPLE ORDERS         SELECT     AMI4E4   **
                    ADDITIONAL REPORT DETAILS

SELECT LOCATIONS TO LIST:                                                 n
      1 LIST NUMBER NEEDED TO FILL ORDER
      2 LIST NUMBER NEEDED TO FILL ORDER PLUS ADDITIONAL
      3 LIST ALL LOCATIONS FOR ITEM IN WAREHOUSE
      4 LIST NUMBER NEEDED TO FILL PLUS LOW QTY LOCATIONS
IF OPTION 2, ENTER NUMBER OF ADDITIONAL LOCATIONS                      nnn
PRINT LOCATION IN:     n    1 LOCATION ORDER    2 FIFO ORDER

PAPER LABOR TICKETS<Y,N>         A         PREPRINTED<Y,N>                A
                                           MINIMUM PER OPERATION         nn
                                           MAXIMUM PER OPERATION         nn
PAPER RECEIVING TICKETS<Y,N>     A         PREPRINTED<Y,N>                A
                                           CALCULATE TICKET NUMBER AS     n
                                              1 - X TICKETS PER ORDER
                                              2 - 1 TICKET PER X ITEMS
                                              CALCULATION FACTOR       nnnnn
                                           MAXIMUM PER ORDER           nnnnn

                                                         F19 RETURN TO SELECT
                                                         F24 CANCEL THE JOB
```

## What to do

To create the shop packet, type in your pick list, labor ticket, and receiving options and press **Enter**. A shop packet is created for the orders you requested and the reports are scheduled for printing. The menu from which you started appears again.

## Function keys

F19 RETURN TO SELECT causes the Shop Packets – Multiple Orders (Select) display (AMI4E0) to appear to allow you to reselect the options. No report is scheduled for printing.

F24 CANCEL THE JOB cancels the job, and causes the menu from which you started to appear. No report is scheduled for printing.

## Fields

Most field values can be changed. If a field cannot be changed, the cursor skips that field and goes to the next field in which you can enter values.

***SELECT LOCATIONS TO LIST.*** If you select an option that has one or more orders with manufacturing allocations, the locations with allocated quantities are printed first. Then the following location options are printed:

**1** List number needed to fill order. Selecting this option permits a shop packet to be printed listing the number of locations needed to fill the order. This is the default.

**2** List number needed to fill order plus additional. Selecting this option permits a shop packet to be printed listing the number of locations needed to fill the order plus an additional number of locations you specify in the Additional Locations field.

**3** List all locations for item in warehouse. Selecting this option permits a shop packet to be printed listing all locations.

**4** List number needed to fill plus low qty locations. Selecting this option permits a shop packet to be printed listing the number of locations needed to fill the order plus low quantity locations. Low quantity locations are those containing quantities of 10 percent or less of the order quantity.

***ADDITIONAL LOCATIONS.*** If you typed **2** in ***SELECT LOCATIONS TO LIST***, type in the number of extra locations to be printed.

***PRINT LOCATION IN.*** Type in one of the following codes:

**1** Location order. Select this option to print pick lists in location order.
**2** FIFO order. Select this option to print pick lists in FIFO date order.

***PAPER LABOR TICKETS <Y/N>.*** Type in **Y** to print paper labor tickets that can be used for reporting operation transactions.

***PREPRINTED <Y/N>.*** Type in one of the following codes:

**Y** Print labor tickets on preprinted forms.
**N** Print labor tickets on blank paper.

Both preprinted forms and blank paper are special forms.

***MINIMUM PER OPERATION***
***MAXIMUM PER OPERATION.*** Type in the minimum and maximum number of labor tickets to be printed per operation. The application divides the total hours scheduled for the performance of an operation by 4 to calculate how many labor tickets should be printed. You can override this calculation by typing in other numbers. Since labor tickets are printed two at a time, specify an even number of labor tickets.

For example, if you type 4 in ***MINIMUM PER OPERATION*** and 12 in ***MAXIMUM PER OPERATION***, you are requesting that at least four labor tickets be printed if the calculation produces a number less than 4 and that no more than 12 labor tickets be printed if the calculation produces a number greater than 12. If the calculated number falls within the range 4 - 12, that number of labor tickets (rounded up to an even number if necessary) is printed.

***PAPER RECEIVING TICKETS <Y/N>.*** Type in **Y** to print paper receiving tickets that can be used for reporting operation transactions. The paper receiving ticket fields only appear if PM&C is installed and interfacing with IM.

***PREPRINTED <Y/N>***. Type in one of the following codes:

**Y** Print receiving tickets on preprinted forms.
**N** Print receiving tickets on blank paper.

***CALCULATE TICKET NUMBERS AS***. Type in the option number for the method to be used in assigning numbers to the tickets being printed.

**1** X Tickets per order
**2** 1 ticket per X items.

***CALCULATION FACTOR***. Type in the value to be used for X, as it applies to the ticket calculation method you selected.

***MAXIMUM PER ORDER.*** Type in the maximum number of paper receiving tickets to be printed for each order. The maximum applies only if ticket calculation method 2 was used.

## Option 3. Shop Packets–Individual Orders (AMJM20)

Use this option to create shop packets for individual manufacturing orders.

**What information you need:** None.

**What reports are printed:** All or some of the following reports are printed, depending upon the options you select on the Shop Packet Creation Options displays and the options you selected during application tailoring:

- Shop Packet Worksheet (AMI4I2 or AMI4I3)
- Material Picking Lists (AMI9I1 or AMI9I2)
- Labor Tickets
- Manufacturing Order Receiving Tickets

**What forms you need:** None.

The steps for creating shop packets for individual manufacturing orders follow each display.

# AMI4E6—Shop Packets–Individual Orders–Report Detail

Use this display to specify worksheet print options, separate warehouse pick lists, and labor ticket print format options.

This display appears when you select option 2 on the Shop Packet Creation menu (AMCM40) or option 3 on the PM&C Reports menu (AMJM20).

Depending on the options selected during application tailoring, each field already contains a Y or N response. Most field values can be changed, but the cursor skips those fields that cannot be changed.

```
DATE **/**/**     SHOP PACKETS - INDIVIDUAL ORDERS        SELECT     AMI4E6   **
                           REPORT DETAIL
MANUFACTURING ORDER NUMBER  aaaaaA7
WORKSHEETS<Y,N>                    A         STANDARD COSTS<Y,N>            A
                                             ORDER TRACKING DATES<Y,N>      A

MATERIAL DETAIL<Y,N>               A         PRINT COMPONENT BAR CODE<Y,N>  A
                                             PRINT LOCATION BAR CODE<Y,N>   A
SEQUENCE<1,2,3>                    n


OPERATION DETAIL<Y,N>              A         INACTIVE OPS INCLUDED<Y,N>     A
                                             ADDITIONAL DESCRIPTIONS<Y,N>   A
                                             STANDARD TIMES<Y,N>            A
                                             PRINT OP DETAIL BAR CODE<Y,N>  A
MISCELLANEOUS DETAIL<Y,N>          A         PRINT MISC CHG BAR CODE<Y,N>   A

SEPARATE WAREHOUSE PICK LIST<Y,N> A          CONSOLIDATED FOR BULK PICK<Y,N> A
                                             PRINT COMPONENT BAR CODE<Y,N>  A
                                             PRINT LOCATION BAR CODE<Y,N>   A



                                                           F24 CANCEL THE JOB
```

## What to do

To print an individual shop packet, type in the order number and the options for the shop packet. Press **Enter**. If the display appears again with message AM-3432 SHOP PACKET PREVIOUSLY PRINTED, press **Enter** again. Go to display AMI4E7.

## Function keys

F24 CANCEL THE JOB causes the menu from which you started to appear. No shop packet is scheduled for to be printed.

## Fields

All of the fields on this display are required.

***MANUFACTURING ORDER NUMBER.*** Type in the manufacturing order number for the shop packet to be printed.

***WORKSHEETS <Y/N>.*** Type in a **Y** to print the shop packet worksheets. A Y response is required to select the options for material detail records, operation detail records, or miscellaneous detail records.

***STANDARD COSTS <Y/N>***. Type in **Y** to print the standard costs on the shop packet worksheets. If NOT CLEARED or NO COSTING appears, you cannot use this option.

***ORDER TRACKING DATES <Y/N>.*** Type in **Y** to print the tracking summary and detail record dates on the shop packet worksheets.

***MATERIAL DETAIL <Y/N>.*** Type in **Y** to print material lists.

***PRINT COMPONENT BARCODE <Y/N>.*** Type in **Y** to print the component barcode on the shop packet worksheets. This field appears only if PM&C is installed and interfacing with IM.

***PRINT FLOORSTOCK BARCODE <Y/N>.*** Type in **Y** to print the floorstock barcode on the shop packet worksheets. This field appears only if PM&C is installed and interfacing with IM.

***PRINT LOCATION BARCODE <Y/N>.*** Type in **Y** to print the location barcode on the shop packet worksheets. This field appears only if PM&C is installed and interfacing with IM.

***SEQUENCE <1/2/3>.*** This field shows the report sequence answer you gave during application tailoring. You can change this number to select the sequence for component items.

**1** Item number. Print the shop packet worksheets in item number sequence.

**2** Warehouse location. Print the shop packet worksheets in warehouse location sequence.

**3** User sequence number. Print the shop packet worksheets in user sequence number sequence.

***OPERATION DETAIL <Y/N>.*** Type in **Y** to include the operation detail records on the shop packet worksheets. The manufacturing order routing is printed on a new page after the material list.

***INACTIVE OPS INCLUDED <Y/N>***. Type in **Y** to include inactive operations if a manufacturing order routing is printed.

***ADDITIONAL DESCRIPTIONS <Y/N>***. Type in **Y** to print additional operation descriptions following the operation detail on the worksheets. If NOT SUPPORTED appears, you cannot use this option.

***STANDARD TIMES <Y/N>.*** Type in **Y** to print standard times. If NOT CLEARED appears, you cannot use this option.

***PRINT OP DETAIL BARCODE <Y/N>.*** Type in **Y** to print operation detail bar codes on the shop packet worksheets. The default is the value you chose during application tailoring. This field appears only if PM&C is installed and interfacing with PC&C.

***MISCELLANEOUS DETAIL <Y/N>.*** Type in **Y** to include miscellaneous detail records on the shop packet worksheet. The miscellaneous charges list is printed after the manufacturing routing.

***PRINT MISC CHG BARCODE <Y/N>***. Type in **Y** to print miscellaneous charge bar codes on the shop packet worksheets. The default is the value you chose during application tailoring. This field appears only if PM&C is installed and interfacing with PC&C.

***SEPARATE WAREHOUSE PICK LIST <Y/N>.*** Type in **Y** to print a pick list of material only. This report is printed after the worksheets, and can be used instead of or in addition to the worksheet material list. It does not print each warehouse separately.

***CONSOLIDATED FOR BULK PICK <Y/N>***. Type in one of the following codes:

**Y** Print the separate warehouse pick list in warehouse location sequence consolidated by item.

**N** Print the separate warehouse pick list in warehouse location sequence by order.

***PRINT COMPONENT BARCODE <Y/N>***. Type in **Y** to print the component barcode on the warehouse pick list. This field appears only if PM&C is installed and interfacing with IM.

***PRINT FLOOR STOCK BARCODE <Y/N>.*** Type in **Y** to print the floorstock barcode on the warehouse pick list. This field appears only if PM&C is installed and interfacing with IM.

***PRINT LOCATION BARCODE <Y/N>.*** Type in **Y** to print the location barcode on the warehouse pick list. This field appears only if PM&C is installed and interfacing with IM.

# AMI4E7—Shop Packets–Individual Orders–Additional Report Details

Use this display to specify your pick list, labor ticket, and receiving ticket options.

This display appears when you press **Enter** on display AMI4E6.

```
DATE **/**/**     SHOP PACKETS - INDIVIDUAL ORDERS        SELECT     AMI4E7  **
                     ADDITIONAL REPORT DETAILS

SELECT LOCATIONS TO LIST:                                                    n
      1 LIST NUMBER NEEDED TO FILL ORDER
      2 LIST NUMBER NEEDED TO FILL ORDER PLUS ADDITIONAL
      3 LIST ALL LOCATIONS FOR ITEM IN WAREHOUSE
      4 LIST NUMBER NEEDED TO FILE PLUS LOW QTY LOCATIONS
IF OPTION 2, ENTER NUMBER OF ADDITIONAL LOCATIONS                         nnn
PRINT LOCATION IN:     n    1 LOCATION ORDER     2 FIFO ORDER

PAPER LABOR TICKETS<Y,N>          A         PREPRINTED<Y,N>                  A
                                            BEGINNING OPERATION (OR ALL) aaA4
                                            TICKETS PER OPERATION           nn
PAPER RECEIVING TICKETS<Y,N>      A         PREPRINTED<Y,N>                  A
                                            NUMBER OF TICKETS            nnnnn




                                                          F19 RETURN TO SELECT
                                                          F24 CANCEL THE JOB
```

## What to do

To create a shop packet for the order you requested, type in your pick list, labor ticket, and receiving options and press **Enter**. A shop packet is created, and the reports are scheduled for printing. The menu you started from appears again.

## Function keys

F19 RETURN TO SELECT causes the Shop Packets – Individual Orders (Select) display (AMI4E6) to appear again, and any data entered to be ignored. You can reselect the options. No report is scheduled for printing.

F24 CANCEL THE JOB cancels the job, and causes the menu from which you started to appear. No report is scheduled for printing.

## Fields

Most field values can be changed. If a field cannot be changed, the cursor skips that field.

***SELECT LOCATIONS TO LIST.*** If you select an option that has one or more orders with manufacturing allocations, the locations with allocated quantities are printed first. Then the following location options are printed:

**1** List number needed to fill order. Selecting this option permits a shop packet to be printed listing the number of locations needed to fill the order. This is the default.

**2** List number needed to fill order plus additional. Selecting this option permits a shop packet to be printed listing the number of locations needed to fill the order plus an additional number of locations you specify in the Additional Locations field.

**3** List all locations for item in warehouse. Selecting this option permits a shop packet to be printed listing all locations.

**4** List number needed to fill plus low qty locations. Selecting this option permits a shop packet to be printed listing the number of locations needed to fill the order plus low quantity locations. Low quantity locations are those containing quantities of 10 percent or less of the order quantity.

***ADDITIONAL LOCATIONS.*** If you typed 2 in the ***SELECT LOCATIONS TO LIST*** field, type in the number of extra locations to be printed.

***PRINT LOCATION IN.*** Type in one of the following codes:

**1** Location order. Print pick lists in location order.
**2** FIFO order. Print pick lists in FIFO date order.

***PAPER LABOR TICKETS <Y/N>.*** Type in **Y** to print paper labor tickets that can be used for reporting operation transactions.

***PREPRINTED <Y/N>***. Type in one of the following codes:

**Y** Print labor tickets on preprinted forms.
**N** Print labor tickets on blank paper.

Both preprinted forms and blank paper are special forms.

***BEGINNING OPERATION (OR ALL)***. Type in **ALL** to print paper labor tickets for all operations or type in an operation sequence number to print labor tickets for all operations beginning at a specific operation.

***TICKETS PER OPERATION***. Type in the number of paper labor tickets to be printed for each operation.

***PAPER RECEIVING TICKETS <Y/N>.*** Type in **Y** to print paper receiving tickets that can be used for reporting operation transactions. The paper receiving ticket fields only appear if PM&C is installed and interfacing with IM.

***PREPRINTED <Y/N>***. Type in one of the following codes:

**Y** Print receiving tickets on preprinted forms.
**N** Print receiving tickets on blank paper.

***NUMBER OF TICKETS***. Type in the number of receiving tickets that you want printed.

## Option 4. Order Status Report (AMJM20)

Use this option anytime you need one of the summary reports for your manufacturing orders.

**What information you need:**

- The format of the listing you want:
  - Production format shows time and quantity information.
  - Accounting format shows costing information.
- Whether you want the summary printed for all manufacturing orders, open manufacturing orders, or completed manufacturing orders.
- The printing sequence of the report you want:
  - By order number
  - By order due date
  - By reference number
  - By customer job number
  - By critical ratio.
- The optional selection criteria of the report you want:
  - Order number range
  - Due date range
  - Overdue date limit
  - Specific reference number
  - Specific job number
  - Critical ratio limit.

**What reports are printed:** One of the following reports or a combination of the following reports is printed depending upon the options you choose on the Order Status Reports (Select) displays (AMC300):

- Order Status–Production Summary Report (AMC31B)
- Order Status–Accounting Summary Report (AMC31B)
- Order Status–Production Detail Report (AMC31A)
- Order Status–Accounting Detail Report (AMC31A)
- Work In Process Totals Sheet (AMC310)
- Cost Totals Sheet (AMC310)

**What forms you need:** None.

The steps for creating summary reports follow the display.

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# AMC300—Order Status Reports (Select)

Use this display to tailor order status reports.

This display appears when you select option 1 on the Reports Analysis menu (AMCM20) or option 4 on the PM&C Reports menu (AMJM20).

A summary report can be printed in either production or accounting format. A detail report can be printed in either production or accounting format. These reports can be for any one of the following:

- Open orders only
- Completed orders only
- All orders.

```
DATE **/**/**             ORDER STATUS REPORTS            SELECT     AMC300   **

FORMAT    n    1-SUMMARY                     INCLUDE    n    1-OPEN ORDERS ONLY
               2-DETAIL                                      2-COMPLETED ORDERS ONLY
                                                             3-ALL ORDERS
          n    1-PRODUCTION
               2-ACCOUNTING

SEQUENCE n     1-ORDER NUMBER                 DEMAND     n    1-INCLUDE SOURCES OF
               2-DUE DATE                                       DEMAND
               3-REFERENCE NUMBER                             2-OMIT SOURCES OF DEMAND
               4-CUSTOMER JOB NUMBER
               5-CRITICAL RATIO
               6-SITE

SELECT    ORDER NUMBER      aaaaaA7 TO aaaaaA7
          DUE DATE FROM      aaaaA6 TO  aaaaA6
          OVERDUE DATE (AS OF)          aaaaA6
          REFERENCE NUMBER            aaaaaaaA10
          JOB NUMBER                aaaaaaaaaA12
          CRITICAL RATIO LIMIT             nnnnn
          SITE                    aA3 TO     aA3

                                                            F24 CANCEL THE JOB
```

## What to do

- To tailor and print an order status report, make your selections and press **Enter**.
- To cancel the session, use **F24**. Go to the Report Analysis menu (AMCM20).

## Function keys

F24 CANCEL THE JOB causes the menu from which you started to appear. No processing occurs.

## Fields

***FORMAT (RFRMT).*** Type in **1** to print summary information or **2** to print all allocations, operations, and miscellaneous charges.

***INCLUDE (ORDSL).*** Type in **1** to print orders with status codes less than 50; type **2** to print orders with status codes of 50 or greater; or type **3** to print all orders.

***SEQUENCE (ORDSQ).*** Type in one of the codes shown on the display to print the orders by order number, due date, reference number, customer job number, critical ratio or site (if EPDM is activated).

***DEMAND.*** Type in one of the codes shown on the display to include sources of demand, or to omit sources of demand in the report.

***SELECT.*** Use these fields in any combination to further define the information you want to appear in the report:

> ***ORDER NUMBER***. Type a beginning number or an ending number, or both in the spaces provided. If you type only a beginning number, that order and those with higher order numbers appear; if you type only an ending number, that order and those with lower order numbers appear; and if you type both numbers, all orders within the range appear in the report.
>
> ***DUE DATE FROM***. Type a beginning date or an ending date, or both in the spaces provided. If you type only a beginning date, all orders for that date and beyond appear; if you type an ending date, all orders prior to and including that date appear; and if you type both dates, all orders within the range appear in the report.
>
> ***OVERDUE DATE (AS OF) (OVERDAT)***. If you type a date in this field, only orders that were overdue on that date appear in the report.
>
> ***REFERENCE NUMBER (REFSL***). If you type a reference number, all orders with a common reference number appear in the report.
>
> ***JOB NUMBER (JOBSL)***. If you type a job number, all orders with a common job number appear in the report.
>
> ***CRITICAL RATIO LIMIT (CRLIM).*** If you type a critical ratio limit, all orders with a critical ratio less than or equal to the limit appear in the report.
>
> ***SITE***. Type a beginning site or an ending site, or both in the spaces provided. If you type only a beginning site, all orders for that site and beyond appear; if you type an ending site, all orders prior to and including that site appear; and if you type both sites, all orders within the range appear in the report. This field appears only if EPDM is activated.

## Option 5. Employee Status / Activity Report (AMJM20)

Use this option anytime you need an Employee Status / Activity Report for some or all employees.

**What information you need:**

- The number of the shifts you want to include in the report.
- If you are not printing all departments, you should have the beginning and ending numbers of the departments you want printed.
- The employee status category that you want to include in the report.
- If you are not printing the report for all foremen, you should have the beginning and ending numbers of the foremen you want printed.
- The printing sequence of the listing you want:
  - By foreman within department
  - By employee number.
- Whether to include transaction details for:
  - Time and attendance transactions
  - Job transactions
  - Inventory transactions
  - Physical inventory transactions
  - Repetitive Production Management transactions.
- Whether you want to print only active transactions.

**What reports are printed:** Employee Status / Activity Report (AMJBL)

**What forms you need:** None.

The steps for creating employee status and activity reports follow the display.

# AMJBE1—Employee Status / Activity Report Options (Select)

Use this display to select report options for Employee Status / Activity reports.

This display appears when you select option 5 on the Reports menu (AMJM20).

```
 DATE **/**/**                EMPLOYEE STATUS /          SELECT     AMJBE1   **
                           ACTIVITY REPORT OPTIONS

SHIFT <0-3> n                      DEPARTMENT aaA4 TO aaA4
    INCLUDE n                      FOREMAN     aA3  TO aA3
            1-ALL EMPLOYEES
            2-ABSENT EMPLOYEES
            3-EMPLOYEES PRESENT / NOT ON JOB

   SEQUENCE n                      SEPARATE PAGE PER FOREMAN <Y/N> A

            1-DEPARTMENT / FOREMAN

            2-EMPLOYEE

 PRINT TRANSACTION DETAIL <Y/N> A TIME AND ATTENDANCE TRANSACTIONS
                                A JOB TRANSACTIONS
                                A INVENTORY TRANSACTIONS
                                A PHYSICAL INVENTORY TRANSACTIONS
                                A REPETITIVE TRANSACTIONS

 ACTIVE TRANSACTIONS ONLY <Y,N> A
 SUBMIT JOB <Y,N> A

                                                       F24 CANCEL JOB
```

## What to do

- To include a specific shift on the report, type **1**, **2**, or **3** in the ***SHIFT*** field or type **0** to include all shifts.
- Type in a beginning or ending department number, or both.
- To include all employees on the report, type **1** in the ***INCLUDE*** field, **2** to include absent employees, or **3** to include employees that are present but not assigned to a job.
- Type in a beginning or ending foreman number, or both.
- To print the report in 'foreman within department sequence', type **1** in the **SEQUENCE** field, or **2** for employee number sequence.
- To begin a new page each time the foreman changes, if you selected a sequence code of 1, type **Y** in the ***SEPARATE PAGE PER FOREMAN*** field.
- To determine whether to print transaction details for the corresponding transaction types, type **Y** or **N** by each of the following:
  - Time and attendance transactions
  - Job transactions
  - Inventory transactions.
- To include only active transactions, type **Y** in the ***ACTIVE TRANSACTIONS ONLY*** field or **N** to include all transactions.
- To submit the report job to the job queue, type **Y** in the ***SUBMIT JOB*** field or **N** to print the report interactively.

- To schedule the Employee Status / Activity report for printing, press **Enter**.
- To end the session, use **F24**.

## Function keys

F24 CANCEL JOB cancels the job and causes the Reports menu (AMJM20) to appear again. No report is scheduled for printing.

## Fields

***SHIFT <0-3>.*** Type in the shift you want included on the report (1, 2, or 3).

***DEPARTMENT.*** Type in a beginning or ending department number, or both. If you enter only a beginning number, that department and all higher-numbered departments are included in the report. If you enter only an ending number, that department and all lower-numbered departments are included in the report. If you enter both numbers, the report includes departments within the range.

***INCLUDE.*** Type in the code for the type of employees that you want to include. Valid values are:

| | |
|---|---|
| **1** | All employees |
| **2** | Absent employees |
| **3** | Employees that are present but not assigned to a job |

***FOREMAN.*** You can type in a beginning foreman or ending foreman, or both. If you enter only a beginning foreman, that foreman and all higher-numbered foremen are included in the report. If you enter only an ending foreman, that foreman and all lower-numbered foremen are included in the report. If you enter both numbers, the report includes foremen within the range.

***SEQUENCE.*** The employee information prints in ascending sequence depending on the code you select. When PC&C is interfacing with PM&C, the default is 1. When PC&C is not interfacing with PM&C, the default is 2. Valid values are:

| | |
|---|---|
| **1** | Foreman within department |
| **2** | Employee sequence |

***SEPARATE PAGE PER FOREMAN <Y/N>.*** If you selected a sequence code of 1, you can determine whether to start a new page each time the foreman value changes. The default is Y. Valid values are:

| | |
|---|---|
| **Y** | Start a new page for each foreman. |
| **N** | Do not start a new page for each foreman. |

***PRINT TRANSACTION DETAIL <Y/N>.*** You can specify whether you want to print detail information for individual transactions. Type in **Y** or **N** for the following transaction types (the default is N):

- Time and attendance transactions
- Job transactions
- Inventory transactions
- Physical inventory transactions

  **Note:** This option is available only if physical inventory is supported in IM.

- Repetitive Production Management (REP) transactions.

  **Note:** This option is available only if REP is installed and interfacing with PM&C.

***ACTIVE TRANSACTIONS ONLY <Y/N>.*** Type in **Y** to include only active transactions. Type in **N** to include all transactions. The default is Y.

***SUBMIT JOB <Y/N>.*** Type in **Y** to submit the report job to the job queue. Type in **N** to print the report interactively. The default is Y.

# Option 6. Purchasing Receiving Tickets (AMJM20)

Use this option anytime you need receiving tickets for purchase order items for some or all purchase orders.

**Note:** If a purchase order item with a 0 quantity ordered is found, no receiving ticket is printed. The 0 quantity ordered indicates this item is not a pre-approved item and that approval has not been given to the PO.

**What information you need:**

- The printing sequence in which you want to print the tickets:
  - By purchase order number
  - By item number
  - By warehouse number
  - By vendor number
  - By purchase order due date.
- Whether to print the job interactively or submit it to the job queue
- Whether to print tickets by item or blanket release number for multiple release purchase orders
- If you are not printing all tickets, you should have beginning and ending numbers for the optional limits you choose:
  - Purchase order number
  - Item number
  - Warehouse
  - Vendor number
  - Dock date.

**What report is printed:** Purchasing Receiving Tickets (AMV411).

**What forms you need:** None.

The steps for printing purchasing receiving tickets follow the display.

Contents | Index

# AMV411—Purchasing Receiving Tickets (Select)

Use this display to select options for printing Purchasing Receiving Tickets.

This display appears when you select option 6 on the Reports menu (AMJM20).

```
DATE **/**/**          PURCHASING RECEIVING TICKETS      SELECT     AMV411


SELECT SEQUENCE:  1
           1  PURCHASE ORDER NUMBER       4  VENDOR
           2  ITEM                        5  DUE DATE
           3  WAREHOUSE

SUBMIT JOB <Y/N>:  Y                     NO. ALIGNMENT PAGES:  2

PRINT BY ITEM OR BLANKET FOR MULTIPLE RELEASE ORDERS:
           1  ITEM                        2  BLANKET

ENTER OPTIONAL LIMITS:

    P.O. NUMBER    FROM aaaaaA7          TO aaaaaA7
    ITEM           FROM aaaaaaaaaaaaA15  TO aaaaaaaaaaaaA15
    WAREHOUSE      FROM AAA              TO AAA
    VENDOR         FROM aaaaA6           TO aaaaA6
    DOCK DATE      FROM aaaaA6           TO aaaaA6



                                                        F24 CANCEL THE JOB
```

## What to do

- To specify the receiving tickets print order, select a sequence.
- To submit the print job to the job queue, type **Y** in the ***SUBMIT JOB*** field.
- To print a specific number of alignment pages, type a number in the ***NO. ALIGNMENT PAGES*** field.
- To print multiple releases by item or by blanket release number, type either **1** or **2** in the ***PRINT BY ITEM OR BLANKET FOR MULTIPLE RELEASE ORDERS*** field.
- To be more specific about which tickets are printed, enter optional limits for the following:
  - ***P.O. NUMBER***
  - ***ITEM***
  - ***WAREHOUSE***
  - ***VENDOR***
  - ***DOCK DATE***

## Function keys

F24 CANCEL THE JOB cancels the job and causes the Reports menu (AMJM20) to appear again. No tickets are scheduled for printing.

## Fields

***SELECT SEQUENCE.*** Type in one of the following codes to select the sequence in which you want the receiving tickets printed:

**1** By purchase order number
**2** By item number
**3** By warehouse
**4** By vendor
**5** By due date

This code is the default.

***SUBMIT JOB <Y/N>.*** Type in **Y** to submit the report to the job queue. Type in N to print the tickets interactively. The default is Y.

***NO. ALIGNMENT PAGES.*** Type in the number of alignment pages you want printed. The range is 0 to 9. The default is 2.

***PRINT BY ITEM OR BLANKET FOR MULTIPLE RELEASE ORDERS.*** Type in one of the following codes:

**1** Print one ticket for each item on a multiple release purchase order.
**2** Print one ticket per item per release on a multiple release purchase order.

***P.O. NUMBER.*** Type in a beginning or ending purchase order number, or both. If you type only a beginning purchase order number, that purchase order and all higher-numbered purchase orders are included in the report. If you type only an ending purchase order number, that purchase order and all lower-numbered purchase orders are included in the report. If you type both numbers, the report includes purchase orders within that range.

***ITEM.*** Type a beginning or ending item, or both. If you type only a beginning item, all tickets for that item and higher items are printed. If you type only an ending item number, all tickets for that item and lower items are printed. If you type both numbers, the report includes items within that range.

***WAREHOUSE.*** Type a beginning or ending warehouse, or both. If you type only a beginning warehouse, all tickets for that warehouse and higher warehouses are printed. If you type only an ending warehouse, all tickets for that warehouse and lower warehouses are printed. If you type both numbers, the report includes warehouses within that range.

***VENDOR.*** Type a beginning or ending vendor, or both. If you type only a beginning vendor, all tickets for that vendor and higher vendors are printed. If you type only an ending vendor, all tickets for that vendor and lower vendors are printed. If you type both numbers, the report includes vendors within that range.

***DOCK DATE.*** Type a beginning or ending dock date, or both. If you type only a beginning dock date, all tickets for that dock date and higher dock dates are printed. If you type only an ending dock date, all tickets for that dock date and lower dock dates are printed. If you type both dates, the report includes dock dates within that range.

# Chapter 5. Transaction Processing

When you select option 3 on the Production Monitoring and Control Main Menu (AMJM00), the Transaction Processing menu (AMJM30) appears. This menu has 5 options to correct shop floor transactions that contain errors, add new transactions, extract the transactions for the shift or day just ended, run final processing for transactions, indicate whether you want an audit listing for a transaction collection session, and print transaction registers for Inventory Management and Repetitive Production Management.



```
AMJM30                 Production Monitoring and Control              **********
                            Transaction Processing

Type option or command; press Enter.

     1. Maintain Transactions
     2. Select and Edit Transactions
     3. Prepare Transactions
     4. Control Collection Auditing
     5. Print Transaction Registers









==> ________________________________________________________________________

F3=Exit          F4=Prompt    F9=Retrieve    F10=Actions
F11=Job status   F12=Return   F22=Messages
```

**Option 1. Maintain Transactions**. Use this option to correct transactions from the shop floor that contain errors, and to add new transactions.

**Note:** Any unattached PM&C transaction processing jobs that were previously ended are started automatically when the first user selects this option. Unattached jobs that were held are not started automatically, and must be released using option 12 (Unattached Job Status) on the Cross Application Support Maintenance/Change menu.

**Option 2. Select and Edit Transactions**. Use this option to extract the transactions for the shift or day just ended, calculate elapsed times, print a register showing any transaction errors, and print the Labor Transaction Preview.

**Option 3. Prepare Transactions**. Use this option to run the final processing for transactions. If the system is tailored to pass transactions to Payroll, a Payroll batch is created. If the system is tailored for physical inventory support, a batch for physical inventory transactions is also created at this time.

**Note:** Because the Select and Edit option can accumulate no more than seven dates for processing, you should use the Prepare option at least once a week. It is recommended that you run this option every day.

**Option 4. Control Collection Auditing**. Use this option to indicate whether the Collection Audit Listing is required during the next transaction collection session.

**Option 5. Print Transaction Registers**. Use this option to print the Inventory Transaction Register (AMV3G) for IM transactions and print the Repetitive Production Management Transaction Registers (AMQ361 and AMQ362) for REP transactions.

This menu option has no secondary displays associated with it.

**Note:** You can also print transaction registers outside this menu, using the automated job submission function. Refer to Appendix C "Automated job submission for PM&C" for more information.

# Option 1. Maintain Transactions (AMJM30)

Use this option to add or change transactions in the transaction file. The displays that appear for each type of maintenance are the same, except that the word ADD or CHANGE appears at the top of the display to indicate the mode.

**What information you need:**

- The transaction number of the transaction you want to change
- The type of the transaction you want to add.

**What reports are printed:** None.

**What forms you need:** None.

The steps for adding or changing transactions follow each display.

You should understand the following topics before you use Transaction Maintenance:

- Transaction status
- Activation, deactivation, and reactivation
- Parent and generated transactions
- Correcting transaction errors

## Transaction status

In many cases, the status of a transaction determines how you decide to proceed when maintaining that transaction. Table 5-1 summarizes the conditions under which transaction status values are assigned to a transaction.

*Table 5-1. Transaction Status Summary*

| **Requested status** | | **Processing status** | | |
|---|---|---|---|---|
| **Activate** | **Deactivate** | **Has UJOB processed the transaction?** | **If the current status is:** | **The reason for the status is:** |
| Yes | No | No | WAITING TO BE POSTED | Transaction has not yet been processed by the unattached job. This status can apply to all transactions. |
| Yes | No | Yes | ERROR FOUND | Transaction could not update the master file because an error exists |
| Yes | No | Yes | POSTED | The unattached job successfully updated the master file. This status does not apply to TA, ZZ, ER, or PH transactions. See below. |
| Yes | No | Yes | NO ERROR FOUND | The unattached job successfully processed a TA, ZZ, ER, or PH transaction. |
| Yes | No | Yes | UNMATCHED | This status appears only on the Transaction Edit List, and applies to TA, OF, and ON transactions that are missing a counterpart transaction. |
| No | Yes | No | WAITING TO BE DEACTIVATED | A transaction with a requested status of D has not been processed by the unattached job. This status cannot apply to quality control transactions or transactions that have generated other transactions. |
| No | Yes | Yes | ERROR FOUND | Transaction was not deactivated because an error exists. |
| No | Yes | Yes | DEACTIVATED | The unattached job successfully processed your request to deactivate a transaction. |

**Note:** The current status appears in the ***CURRENT STS*** field on the Transaction Maintenance display for the transaction in question, or on the Transaction Edit List (AMJCL).

## Activation, deactivation, and reactivation

These transaction states are controlled by the ***REQUESTED STS*** field that appears on any transaction's maintenance display when you are in Change mode. Activating or deactivating a transaction requires a separate processing pass through the unattached job.

A transaction is activated as soon as it enters the system, whether it is entered through a data collection terminal or through transaction maintenance. Activated and deactivated transactions are processed by the unattached jobs.

Deactivation is used for correcting errors that have been or are about to be introduced into a master file by an incorrect transaction. If the unattached job has processed a transaction, deactivation issues a separate transaction that counteracts the values in the original transaction. If a transaction is waiting for the unattached job to process it, deactivation prevents the unattached job from processing the transaction. Both transactions appear on the transaction registers. Reactivation means activating a transaction that was previously deactivated so that an error could be corrected. Reactivating a deactivated transaction issues a separate transaction that either counteracts or adjusts—depending on what you typed into the fields -- one or more values in the original transaction.

For more information about correcting transaction errors, see “Correcting transaction errors” on page 5-7.

## Parent and generated transactions

Some PM&C transactions generate transactions to update master files other than the one associated with the originating transaction. The primary, or generating, transaction, is called a parent transaction.

Table 5-2 is a list of parent transactions that PM&C supports, and the transactions they can generate.

As the table indicates, not all parent transactions will generate other transactions always. If a parent transaction generated other transactions during unattached job processing, you can neither deactivate nor change the parent transactions. Therefore, because TW, PC, REP RM, or REP SM transactions are always parent transactions, you cannot change or deactivate them once they have been processed by the unattached jobs.

*Table 5-2. Parent and generated transactions*

| **Parent transaction** | **Generated transaction(s)** | **Always a parent?** |
|---|---|---|
| PC (Pick Complete by Order) for IM | IP (Planned issue) for IM | Yes |
| RM (Production Receipt) for IM | IP (Planned Issue) for IM | No |
| RM (Production Receipt) for REP | IP (Planned Issue) for REP | Yes |
| RO (Operation Reporting) for REP | IP (Planned Issue) for REP | No |
| SM (Manufacturing Order Scrap) for IM | IP (Planned Issue) for IM | No |
| SM (Manufacturing Order Scrap) for REP | IP (Planned Issue) for REP | Yes |
| TW (Interwarehouse Transfer) | IW (Interwarehouse Issue)<br>RW (Interwarehouse Receipt) | Yes |

If a parent transaction did not generate other transactions, or if it has not been processed by the unattached jobs, it can be deactivated and/or changed according to the procedures described in “Correcting transaction errors” on page 5-7. Generated transactions (except for quality control transactions) are handled as described in that topic.

## Quality control transactions

Quality control transactions are always parent transactions. Once these transactions have updated the master file, you can review them using transaction maintenance, but you cannot deactivate or change them. Table 5-3 lists the quality control transactions, along with the transactions each one generates.

*Table 5-3. Parent and generated quality control transactions*

| Parent | Generated transaction (s) | Always a parent? |
|---|---|---|
| CQ (Cyclic Item QC Complete) | TW (Interwarehouse Transfer)<br>IW (Interwarehouse Issue)<br>RW (Interwarehouse Receipt)<br>RQ (QC Item Rejected)<br>SS (Scrap from Stock) | Yes |
| MQ (Manufactured Item QC Complete) | Same as CQ | Yes |
| PQ (Purchased Item QC Complete) | Same as CQ, plus:<br>SP (Purchase Order Scrap)<br>VR (Purchase Return to Vendor) | Yes |
| QC (Approve/Reject Entire Location) | CQ (Cyclic Item QC Complete)<br>MQ (Manufactured Item QC Complete)<br>PQ (Purchased Item QC Complete)<br>RQ (QC Item Rejected) | Yes |

## Correcting transaction errors

When you notice an error in a transaction, you must determine its disposition in the system before you attempt to correct the error. Table 5-4 summarizes the states a transaction can be in and the steps you take to change a transaction in a given state.

*Table 5-4. Summary of corrective actions for transactions with errors*

| If the transaction: | Follow these correction steps: |
|---|---|
| Has not yet been processed by unattached job | 1. Verify unattached job is not held.<br>2. Access the transaction maintenance display for the transaction<br>3. Change one or more fields, or deactivate the transaction (type **D** in the ***REQUESTED STS*** field) and press **Enter**. |
| Is posted (processed by unattached job) | 1. Access the transaction maintenance display for the transaction.<br>2. Deactivate the transaction (type **D** in the ***REQUESTED STS*** field) and press **Enter**. The changes made to the master file by the transaction in error are backed out.<br>3. When the transaction is deactivated, return to transaction maintenance and correct the fields in error.<br>4. Reactivate the transaction by typing **A** in the ***REQUESTED STS*** field and press **Enter**. |
| Has been selected using Select and Edit Transactions option | 1. Use the Select and Edit Transactions option to clear the previous selection.<br>2. Access the transaction maintenance display for the transaction.<br>3. Deactivate the transaction (type **D** in ***REQUESTED STS*** field) and press **Enter**.<br>4. When transaction is deactivated, return to transaction maintenance and correct the fields in error.<br>5. Reactivate the transaction by typing **A** in the ***REQUESTED STS*** field and press **Enter**. |
| Has been prepared for removal using the Prepare Transactions option | Enter a new transaction to adjust the file affected by the transaction that was in error (for example, a negative transaction). |
| Is both posted and backed up | Deactivate the transaction (type **D** in ***REQUESTED STS*** field) and press **Enter**. The changes made to the master file by the transaction in error are backed out. No further changes are allowed. |

**Note:** You can enter a negative transaction to adjust a master file at any time.

Exceptions:

1. Quality control transactions never can be negative.
2. CL transactions counteract CN transactions, and never can be negative.
3. CN transactions counteract CL transactions and never can be negative.

Any transaction can be deactivated or changed as long as it has not been processed by the unattached jobs. Otherwise, follow the appropriate instructions as shown in Table 5-4.

# AMJCD01—Maintain Transactions–Transaction Selection (Select)

Use this display to select to add or change a transaction.

**Note:** When you enter a transaction through the Transaction Maintenance Program your user ID of the active job is used to check security. If you have not been authorized to the transaction you are trying to process, the program will issue you an error message. You will not be allowed to enter the transaction. This also applies to any existing transactions. You will only be able to maintain transactions that have a transaction type that you have been given authorization to.

You can do transaction maintenance online in one of two modes:

**Change** Change an existing transaction—to enter Change mode, you type in the number of the transaction you want to change and press **Enter**.

**Add** Add a new transaction—to enter Add mode, you type in an application ID and/or the transaction type, and then use **F02**.

The displays that appear for each transaction type are the same regardless of mode, except that the word ADD appears in the mode area if you are in Add mode, and the word CHANGE appears if you are in Change mode.

This display appears when you select option 1 on the Transaction Processing menu (AMJM30).

```
DATE **/**/**              MAINTAIN TRANSACTIONS         SELECT     AMJCD01 **
                           TRANSACTION SELECTION

 TO CHANGE AN EXISTING TRANSACTION              TO ADD A NEW TRANSACTION,
 TYPE TRANSACTION NUMBER   nnnnnnn    -OR-      TYPE APPLICATION (APP ID)  A
 AND PRESS "ENTER"                              AND/OR TRANSACTION TYPE    A2
                                                AND PRESS F02

                  APP ID    APPLICATION NAME

                    C       PROD. CONTROL AND COSTING
                    I       INVENTORY MANAGEMENT
                    J       PROD. MONITORING AND CONTROL
                    Q       REPETITIVE PROD. MANAGEMENT

                                                             F02 ADD TRANSACTION
                                                             F24 DISPLAY STATUS
```

## What to do

- To see a list of transaction types to select, leave both fields blank and use **F02**. Go to the Transaction Type Selection (Select) display (AMJCD02).
- To see a list of transactions available in a specific application, type an application ID and use **F02**. Go to the Transaction Type Selection (Select) display (AMJCD02).
- To enter new transactions, type a transaction type or transaction type and application ID and use **F02**.

**Note:** If the transaction types are valid in more than one application, you must type a transaction type and an application ID.

- Go to the appropriate maintenance display.
- To maintain existing transactions, type the number of the transaction that you want in the ***TRANSACTION*** field. Press **Enter**. Go to the appropriate maintenance display.
- To view session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

F02 ADD TRANSACTION causes the Maintain Transactions Type Selection (Select) display (AMJCD02) to appear, and places you in Add mode.

F24 DISPLAY STATUS causes the Maintain Transactions (Status) display (AMJCD03) to appear.

## Fields

***TO CHANGE AN EXISTING TRANSACTION TYPE TRANSACTION NUMBER AND PRESS "ENTER".*** Type in the number of the transaction you want to change. You can get transaction numbers from Employee Activity Inquiry, the Transaction Log, or the Transaction Edit List.

***TO ADD A NEW TRANSACTION, TYPE APPLICATION (APP ID) AND/OR TRANSACTION TYPE AND PRESS F02:.*** There are three ways to use these fields. You can use **F02** without typing in any of the fields; you can type in only the application identifier and use **F02**; or you can type in only the transaction type (fast path) and use **F02**.

If you use **F02** without typing in any of the fields, the first page of the Transaction Type Selection display (AMJCD02) appears. You can then roll through the rest of the types listed on AMJCD02.

If you decide to enter an application identifier, choose one from the list on the display. This identifier corresponds to application categories into which the transactions are divided. The valid identifiers are:

| | |
|---|---|
| **C** | Production Control and Costing |
| **I** | Inventory Management |
| **J** | Production Monitoring and Control |
| **Q** | Repetitive Production Management |

When you use **F02**, display AMJCD02 appears with a list of the transactions for the application you selected.

If you choose to use the fast path method, type in the transaction code and use **F02**. The transaction entry display for the transaction you selected appears, bypassing the Transaction Type Selection display (AMJCD02).

The fast path method is slightly different for the four transactions (IP, RM, SC, and SM) that can be processed through both Inventory Management and Repetitive Production Management. For these transactions, you must type in both the application identifier and the transaction type before you use **F02**.

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# AMJCD02—Maintain Transactions–Transaction Type Selection (Select)

Use this display to scroll through a list of available transactions and select the type of transaction that you want to add. Information about the last transaction that was added appears at the bottom of this display, and is updated each time a transaction is added.

**Note:** When you enter a transaction through the Transaction Maintenance Program your user ID of the active job is used to check security. If you have not been authorized to the transaction you are trying to process, the program will issue you an error message. You will not be allowed to enter the transaction. This also applies to any existing transactions. You will only be able to maintain transactions that have a transaction type that you have been given authorization to.

Display AMJCD02 appears when you use **F02** and enter an application identifier on the Transaction Selection display (AMJCD01).

```
DATE **/**/**                MAINTAIN TRANSACTIONS         SELECT     AMJCD02 **
                           TRANSACTION TYPE SELECTION
TYPE A2   AUTO TIME <Y/N> A

          PM&C TRANSACTIONS                QC - APPROVE/REJECT ENTIRE LOCATION
     ER - TRANSACTION ERROR                RC - MISCELLANEOUS RECEIPT
     TA - TIME AND ATTENDANCE              RD - P.O. RECEIPT TO DOCK
     ZZ - USER-DEFINED TRANSACTION         RI - P.O. RECEIPT TO INSPECTION
                                           RM - PRODUCTION RECEIPT
          IM TRANSACTIONS                  RP - P.O. RECEIPT TO STOCK
     CQ - CYCLIC ITEM QC COMPLETE          RS - COMPONENT RETURN TO STOCK
     IP - PLANNED ISSUE                    RW - INTERWAREHOUSE RECEIPT
     IS - MISCELLANEOUS ISSUE              SA - SALES SHIPMENT
     IU - UNPLANNED COMPONENT ISSUE        SC - MANUFACTURED COMPONENT SCRAP
     IW - INTERWAREHOUSE ISSUE             SM - MANUFACTURING ORDER SCRAP
     MQ - MANUFACTURED ITEM QC COMPLETE    SP - PURCHASE ORDER SCRAP
     PC - PICK COMPLETE BY ORDER           SS - SCRAP FROM STOCK
     PH - PHYSICAL INVENTORY               TW - INTERWAREHOUSE TRANSFER
     PQ - PURCHASED ITEM QC COMPLETE       VR - PURCHASE RETURN TO VENDOR

LAST TRAN ******* TYPE ** * *********************************************
                                                        ROLL UP/DOWN
                                                        F19 RETURN TO SELECT
                                                        F24 DISPLAY STATUS
```

## What to do

- Type a transaction type in the ***TYPE*** field to begin the entry of a new transaction, and press **Enter**. Go to the appropriate maintenance display.
- To cancel the entries, use **F19**. Go to the Maintain Transactions–Transaction Selection (Select) display (AMJCD01).
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

ROLL UP/DOWN moves you through the transaction lists.

F19 RETURN TO SELECT returns you to the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and allows you to correct existing transactions.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

***TYPE.*** Type in the valid transaction type from the list on this display. Use the **ROLL UP/DOWN** keys to move through the list. You can choose from four groups of transactions:

- Production Monitoring and Control transactions:
  - ER—Transaction Error
  - TA—Time and Attendance
  - ZZ—User-Defined Transaction.
- Inventory Management transactions:
  - CQ—Cyclic Item QC Complete
  - IP—Planned Issue
  - IS—Miscellaneous Issue
  - IU—Unplanned Component Issue
  - IW—Interwarehouse Issue
  - MQ—Manufactured Item QC Complete
  - PC—Pick Complete By Order
  - PH—Physical Inventory
  - PQ—Purchased Item QC Complete
  - QC—Approve/Reject Entire Location
  - RC—Miscellaneous Receipt
  - RD—P.O. Receipt to Dock
  - RI—P.O. Receipt to Inspection
  - RM—Production Receipt
  - RP—P.O. Receipt to Stock
  - RS—Component Return to Stock
  - RW—Interwarehouse Receipt
  - SA—Sales Shipment
  - SC—Manufactured Component Scrap
  - SM—Manufacturing Order Scrap
  - SP—Purchase Order Scrap
  - SS—Scrap from Stock
  - TW—Interwarehouse Transfer
  - VR—Return to Vendor.
- Production Control and Costing transactions:
  - MC—Miscellaneous Charge
  - MV—Move
  - OC—Order Complete
  - OF—Job Off
  - ON—Job On.

- Repetitive Production Management transactions:
  - CL—Component Transfer to Line
  - CN—Component Return to Stores
  - IP—Planned Issue
  - PS—Production Status
  - RL—Replenishment
  - RM—Schedule Receipt
  - RX—Schedule Receipt Post Oldest
  - RO—Operation Reporting
  - RY—Operation Reporting Post Oldest
  - SC—Component Scrap
  - SM—Schedule Scrap
  - SX—Schedule Scrap Post Oldest.

***AUTO TIME <Y/N>.*** If you want the system to automatically assign the transaction time, type in **Y**. If you want to type the time manually, type in **N**. The default value is initially N, but remains the value you enter for the duration of the transaction maintenance session.

You would normally enter **Y** only if you are using the work station as a data collection device.

***LAST TRAN.*** The transaction number of the last transaction added.

***TYPE.*** The type and subtype of the last transaction added, followed by additional information about the transaction. The employee number is first, followed by selected fields from the transaction. The fields that appear vary depending on the transaction type.

# AMJCCCQ—Maintain Transactions–Cyclic Item QC Complete

Use this display to report the completion of quality control inspection for a cyclic item.

This display appears when you select a CQ transaction for add or change using display AMJCD01, AMJCD02, or AMJAB2.

**Note:** This display will appear with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/ DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS          ******     AMJCCCQ **
                          CYCLIC ITEM QC COMPLETE

TRANSACTION *******

BADGE          aaaA5
TURNAROUND     nnnnnnnnnnnn -OR-  ITEM  aaaaaaaaaaaaA15   WAREHOUSE  aA3
                                  LOCATION   aaaaaA7      LOT     aaaaaaaA10
                                  FIFO DATE  nnnnnn

APPROVED QTY      nnnnnnnn.nnn-
      APPROVED WH   aA3    APPROVED LOC   aaaaaA7
APPROVED AMT   nnnnnnnnnnn.nnnn-
REJECTED QTY       nnnnnnnnnn.nnn-
   REJECTED WH   aA3    REJECTED LOC   aaaaaA7
SCRAPPED QTY       nnnnnnnnnn.nnn-

REFERENCE   aaaaaaaA10         REASON CODE   aaaaA6

TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/ DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

  **Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Transaction Maintenance (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group—item, warehouse, location, lot, and FIFO date.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number for the cyclic item.

***ITEM [?].*** Type in the item number of the item being inspected.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stored. If you have only one warehouse, the value is displayed but cannot be changed.

***LOCATION [?].*** If this is a controlled warehouse, type in the location where the item is stored.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***APPROVED QTY.*** Type in the total quantity of inventory stock that has been approved as a result of the inspection.

***APPROVED WH.*** Type in the warehouse to which the approved stock should be transferred.

***APPROVED LOC [?].*** Type in the warehouse location where the approved stock should be stored.

***APPROVED AMT.*** Type in the inventory value of the approved stock.

***REJECTED QTY.*** Type in the total quantity of inventory stock that has been rejected as a result of the inspection.

***REJECTED WH.*** Type in the warehouse to which the rejected stock should be transferred.

***REJECTED LOC [?].*** Type in the warehouse location where the rejected stock should be stored.

***SCRAPPED QTY.*** Type in the quantity of the rejected stock that should be scrapped.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. It appears only in Change mode. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
DEACTIVATED
WAITING TO BE DEACTIVATED

**Note:** If this transaction has a current status of POSTED, it cannot be deactivated.

## AMJCCER—Maintain Transactions–Transaction Error

Use this display to place an error flag on the Transaction Edit Listing. Enter an error transaction immediately after the transaction in error, as an indicator that the previous transaction should be checked.

This display appears when you select an ER transaction for change or add using display AMJCD01 or AMJCD02.

**Note:** This display will appear with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCCER **
                             TRANSACTION ERROR
TRANSACTION *******

BADGE       aaaA5

TRANSACTION TYPE A2







TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                           USE ROLL UP/DOWN
                                                           F17 OVERRIDE WARNING
                                                           F19 RETURN TO SELECT
                                                           F24 DISPLAY STATUS
```

### What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

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**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Type Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search**.**

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or the temporary badge number of the employee.

***TRANSACTION TYPE.*** Type in the transaction type that is in error. This further defines the transaction in error.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. It appears only in Change mode. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
NO ERROR FOUND
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCIP—Maintain Transactions–Planned Issue

Use this display to record the issue of an individual component item to a manufacturing order. This transaction differs from the Pick Complete by Order (PC) transaction (where all component items are issued at the same time for an order) since it is used for a partial or complete issue of an item to a single order.

If this transaction is generated by another transaction (such as a PC) and is not yet posted, you cannot change the key fields (***ORDER***, ***WAREHOUSE***, ***COMPONENT***, and ***USER SEQ***).

This display appears when you select an IP transaction for change or add using display AMJCD01 or AMJCD02. Display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display will appear with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCCIP **
                               PLANNED ISSUE
TRANSACTION *******
ORIGINAL TRANS/TYPE *******/ **
BADGE        aaaA5
TURNAROUND   nnnnnnnnn  -OR-  ORDER    aaaaaA7   WAREHOUSE     aA3
                                                 COMPONENT     aaaaaaaaaaaaA15
                                                 USER SEQ      aaA4
LOCATION     aaaaaA7          LOT  aaaaaaaA10    FIFO DATE     nnnnnn


QUANTITY     nnnnnnn.nnn

REFERENCE    aaaaaaaA10       REASON CODE  aaaaA6  UNIT OF MEAS  A2


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.

- If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Transaction Maintenance (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transaction (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***ORIGINAL TRANS/TYPE.*** If this transaction was generated, this field shows the number and type of the original transaction.

***BADGE [?].*** Type in the employee number or the temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group—order, warehouse, component item, and user sequence numbers.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

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***TURNAROUND.*** Type in the turnaround number of the component item being issued.

***ORDER [?].*** If you did not supply a turnaround number, type in the order number for the component.

***WAREHOUSE.*** If you did not supply a turnaround number, type in the ID of the warehouse from which the component item was issued. If you have only one warehouse, the value is displayed but cannot be changed.

***COMPONENT [?].*** If you did not supply a turnaround number, type in the component item number.

***USER SEQ.*** Type in the user sequence number for the component item, if one exists. This field is required if you supplied the order and component item numbers.

***LOCATION [?].*** Type in the location where the item is stored. If you are using a controlled warehouse, this field is required. If your system is set up to use a default location, you can leave this blank and the stocking location (WHSLC) from the Item Balance file is used.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***QUANTITY.*** Type in the quantity issued.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. It appears only in Change mode. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCIS—Maintain Transactions–Miscellaneous Issue

Use this display to report miscellaneous issues from inventory. This issue is not associated with a manufacturing order.

This display appears when you select an IS transaction for change or add using display AMJCD01 or AMJCD02. Display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display will appear with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/ DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**                MAINTAIN TRANSACTIONS         ******     AMJCCIS **
                              MISCELLANEOUS ISSUE
TRANSACTION *******

BADGE          aaaA5
ITEM           aaaaaaaaaaaaA15
WAREHOUSE      aA3
LOCATION       aaaaaA7          LOT  aaaaaaaA10   FIFO DATE     nnnnnn


QUANTITY       nnnnnnn.nnn-

REFERENCE      aaaaaaaA10    REASON CODE  aaaaA6  UNIT OF MEAS  A2



TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                         USE ROLL UP/DOWN
                                                         F17 OVERRIDE WARNING
                                                         F19 RETURN TO SELECT
                                                         F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/ DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

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**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

***ITEM [?].*** Type in the item number of the item to be issued.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stocked. If you have only one warehouse, the value is displayed but cannot be changed.

***LOCATION [?].*** If this is a controlled warehouse, type in the location where the item is stored. If you are using a controlled warehouse, this field is required. If your system is set up to use a default location, you can leave this blank and the stocking location (WHSLC) from the Item Balance file is used.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***QUANTITY.*** Type in the quantity required of the item to be issued.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure for the item being issued.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
WAITING TO BE DEACTIVATED
DEACTIVATED

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# AMJCCIU—Maintain Transactions–Unplanned Component Issue

Use this display to add a component item to a manufacturing order and create an issue transaction. This transaction is used when a bill of material is not up to date and does not have a needed component item as part of the product structure. The transaction can also be used to add new or different component items to a rework order, for special tooling, or to add consumable supplies to an order. This transaction is similar to the Miscellaneous Issue (IS) transaction, except that it applies the issue to an order.

This display appears when you select an IU transaction for change or add using display AMJCD01 or AMJCD02. Display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display will appear with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCCIU **
                         UNPLANNED COMPONENT ISSUE
TRANSACTION *******

BADGE        aaaA5
TURNAROUND   nnnnnnnnn  -OR-  ORDER   aaaaaA7
WAREHOUSE    aA3
COMPONENT    aaaaaaaaaaaaA15  USER SEQ   aaA4
LOCATION     aaaaaA7          LOT  aaaaaaaA10   FIFO DATE     nnnnnn


QUANTITY     nnnnnnn.nnn

REFERENCE    aaaaaaaA10       REASON CODE  aaaaA6  UNIT OF MEAS  A2


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************



                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.

- If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

  **Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or the temporary badge number of the employee.

**Note:** If this record is being added, you must enter the order, warehouse, component item, and user sequence numbers instead of the turnaround number. If this record is being changed, the turnaround number is from the Manufacturing Order Detail file.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the order.

***ORDER [?].*** If you did not supply a turnaround number, type in the order number of the component item.

***WAREHOUSE.*** If you did not supply a turnaround number, type in the ID of the warehouse from which the item was issued. If you have only one warehouse, the value is displayed but cannot be changed.

***COMPONENT [?].*** If you did not supply a turnaround number, type in the component item number.

***USER SEQ.*** If you did not supply a turnaround number, type in the user sequence number for the component item, if one exists. This field is required if you supplied the order and component item numbers.

***LOCATION [?].*** Type in the location where the item is stored. If you are using a controlled warehouse, this field is required. If your system is set up to use a default location, you can leave this blank and the stocking location (WHSLC) from the Item Balance file is used.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***QUANTITY.*** Type in the quantity issued.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCIW—Maintain Transactions–Interwarehouse Issue

Use this display to report the issue of an item from one warehouse or location to another. This transaction decreases the quantity on hand in the sending warehouse. If the quantity being transferred is waiting to be inspected, the on hand balance is not increased or decreased. The Interwarehouse Receipt (RW) transaction must be used by the receiving warehouse to increase the quantity on hand at that warehouse.

This display appears when you select an IW transaction for change or add using display AMJCD01 or AMJCD02. Display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display will appear with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCCIW **
                            INTERWAREHOUSE ISSUE
TRANSACTION *******
ORIGINAL TRANS/TYPE *******/ **
BADGE          aaaA5
WAREHOUSE      aA3
ITEM           aaaaaaaaaaaaA15
LOCATION       aaaaaA7       LOT  aaaaaaaA10   FIFO DATE     nnnnnn


QUANTITY       nnnnnnn.nnn
REFERENCE      aaaaaaaA10    REASON CODE  aaaaA6  UNIT OF MEAS  A2


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction

for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***ORIGINAL TRANS/TYPE.*** If this transaction was generated, this field shows the number and type of the original transaction.

***BADGE [?].*** Type in the employee number or the temporary badge number of the employee.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the issuing warehouse where the item is stored. If you have only one warehouse, the value is displayed but cannot be changed.

***ITEM [?].*** Type in the item number of the transferred item.

***LOCATION [?].*** If this is a controlled warehouse, type in the stock location of the item.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***QUANTITY.*** Type in the issue quantity.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCMC—Maintain Transactions–Miscellaneous Charge

Use this display to post costs against a miscellaneous charge that has been defined for an order. If this transaction is entered at a work station, charges can be entered that are not already part of the order.

This display appears when you select an MC transaction for change or add using display AMJCD01 or AMJCD02. Display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display will appear with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**               MAINTAIN TRANSACTIONS        ******     AMJCCMC **
                             MISCELLANEOUS CHARGE
TRANSACTION *******

BADGE       aaaA5
TURNAROUND  nnnnnnnnn  -OR-  ORDER   aaaaaA7   MISC NUMBER   aaaaaaaaaaaaA15

QUANTITY    nnnnnnn.nnn
TRANS COST  nnnnnnnnnnn.nnnn


FORCE ADD   A
DESCRIPTION aaaaaaaaaaaaaaaaaA20
QUANTITY REQ/UNIT   nnnnnnn.nnnn   ANTICIPATED COST/UNIT  nnnnnnnnnnn.nnnn
FIXED QTY REQUIRED  nnnnnnn.nnn    ANTICIPATED FIXED COST nnnnnnnnnnn.nnnn

TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************



                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or the temporary badge number of the employee.

**Note:** If this transaction is against an existing miscellaneous charge, you can type in either the turnaround number or the order and miscellaneous numbers. If this is a new force add transaction, you must type in the order and miscellaneous numbers.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the miscellaneous charge.

***ORDER [?].*** Type in the order number to which the charge is attached.

***MISC NUMBER.*** Type in the miscellaneous charge number.

***QUANTITY.*** Type in the quantity for this miscellaneous charge.

***TRANS COST.*** Type in the total value of the charges being posted.

***FORCE ADD.*** Type in **F** or leave this field blank.

**blank** Used when posting charges against a charge that has already been defined during order release or during miscellaneous charge maintenance.

**F** Used if this is an unexpected charge that was not defined earlier. Enter a code of F and the charge is added to the file at the same time that the cost is posted.

Use the following fields only with Force Add transactions:

***DESCRIPTION.*** Type in the miscellaneous charge detail description for the first Force Add individual charge.

**Note:** The cost and quantity fields can be identified either before (during order release) or with the first Force Add miscellaneous charge transaction in shop activity update.

The ***QUANTITY REQ/UNIT***, ***ANTICIPATED COST/UNIT***, ***FIXED QTY REQUIRED***, and ***ANTICIPATED FIXED COST*** fields are used in calculating Standard Quantity and Standard Cost for a miscellaneous charge. You can either type a value in all four fields, or you can type values into the ***QUANTITY REQ/UNIT*** and ***ANTICIPATED COST/UNIT*** fields. If you choose to do the latter, PM&C uses the values you supply to calculate the ***FIXED QTY REQUIRED*** and ***ANTICIPATED FIXED COST*** fields for you.

***QUANTITY REQ/UNIT.*** Type in the standard (or anticipated) quantity of this miscellaneous cost required per each finished item. This field is used to calculate the miscellaneous standard quantity if the fixed standard quantity is zero.

***ANTICIPATED COST/UNIT.*** Type in the standard (or anticipated) miscellaneous unit cost for the miscellaneous charge based on the standard miscellaneous quantity.

***FIXED QTY REQUIRED.*** The standard fixed quantity planned for this miscellaneous charge, or leave this field blank. If you leave it blank, PM&C calculates a value for this field based on the ***QUANTITY REQ/UNIT*** field using this equation:

Fixed Quantity Required = Quantity Required/Unit x Order Quantity

***ANTICIPATED FIXED COST.*** The standard (or anticipated) miscellaneous fixed cost for the miscellaneous charge, or leave this field blank. If you leave it blank, PM&C calculates a value for this field based on the ***ANTICIPATED COST/UNIT*** field using this equation:

Anticipated Fixed Cost = Anticipated Cost/Unit x Fixed Quantity Required

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCMQ—Maintain Transactions–Manufactured Item QC Complete

Use this display to report that quality control activities for a manufactured item are completed.

This display appears when you select an MQ transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display will appear with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**           MAINTAIN TRANSACTIONS          ******     AMJCCMQ **
                      MANUFACTURED ITEM QC COMPLETE

TRANSACTION *******

BADGE           aaaA5
TURNAROUND      nnnnnnnnnnnn -OR-  ORDER aaaaaA7        ITEM  aaaaaaaaaaaaA15
                                   WAREHOUSE  aA3       LOCATION  aaaaaA7
                                   LOT   aaaaaaaA10     FIFO DATE nnnnnn

APPROVED QTY     nnnnnnn.nnn-    APPROVED WH  aA3       APPROVED LOC aaaaaA7
APPROVED AMT   nnnnnnnnn.nnnn-
REJECTED QTY     nnnnnnn.nnn-    REJECTED WH  aA3       REJECTED LOC aaaaaA7
SCRAPPED QTY     nnnnnnn.nnn-                           COMPLETE<C/P/R> A

REFERENCE        aaaaaaaA10      REASON CODE  aaaaA6

TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                           USE ROLL UP/DOWN
                                                           F17 OVERRIDE WARNING
                                                           F19 RETURN TO SELECT
                                                           F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group order, item, warehouse, location, lot, and FIFO date.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number for the manufactured item.

***ORDER [?].*** Type in the number of the order with which the item being inspected is associated.

***ITEM [?].*** Type in the item number of the item being inspected.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stocked. If you have only one warehouse, the value is displayed but cannot be changed.

***LOCATION [?].*** If this is a controlled warehouse, type in the location where the item is stored.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***APPROVED QTY.*** Type in the total quantity of inventory stock that has been approved as a result of the inspection.

***APPROVED WH.*** Type in the warehouse to which the approved stock should be transferred.

***APPROVED LOC [?].*** Type in the warehouse location where the approved stock should be stored.

***APPROVED AMT.*** Type in the inventory value of the approved stock.

***REJECTED QTY.*** Type in the total quantity of inventory stock that has been rejected as a result of the inspection.

***REJECTED WH.*** Type in the warehouse to which the rejected stock should be transferred.

***REJECTED LOC [?].*** Type in the warehouse location where the rejected stock should be stored.

***SCRAPPED QTY.*** Type in the quantity of the rejected stock that should be scrapped.

***COMPLETE <C/P/R>.*** Type in one of these codes to indicate whether or not the order is complete:

**C** Order complete.

**P** Order not yet complete. You cannot enter a code of C if you have entered a quantity.

**R** Reopen order.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
DEACTIVATED

**Note:** If this transaction has a current status of POSTED, transactions, it cannot be deactivated.

# AMJCCMV—Maintain Transactions–Move

Use this display to show that a job is being moved to another operation or work area. Display AMJCCMV is available only if you selected one of the move options in application tailoring.

This display appears when you select an MV transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display will appear with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCCMV **
                                    MOVE
TRANSACTION *******

BADGE        aaaA5
TURNAROUND   nnnnnnnnn  -OR-  ORDER    aaaaaA7   OPERATION     aaA4
MOVE FROM    nnnnnnnnn  -OR-                     OPERATION     aaA4
WORK AREA    aaaA5
QUANTITY     nnnnnnn.nnn




COMPLETE<0/1/2> A



TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                         USE ROLL UP/DOWN
                                                         F17 OVERRIDE WARNING
                                                         F19 RETURN TO SELECT
                                                         F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transaction (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or the temporary badge number of the employee.

**Note:** You must type in either a turnaround number, or all of the fields in one of the OR groups order and operation number or an order and work area, depending on your application tailoring option.

If you are in Change mode and you want to change one of the fields in an OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** If PC&C is tailored for moves to operation, type in the turnaround number of the operation to which the order is being moved. If PC&C is tailored for moves to work area, type in the turnaround number of the order.

***ORDER [?].*** Type in the order number associated with this move request.

***OPERATION.*** If PC&C is tailored for moves, type in the operation to which the order is being moved.

**Note:** You can type in either of the following two fields. One of these two fields is required only if your system is tailored for both moves to operation and for operation sequence checking.

***MOVE FROM.*** Type in the turnaround number of the operation from which the order is being moved. Use this field only if your system is tailored for moves to operation.

***OPERATION.*** Type in the operation from which the order is being moved. Use this field only if your system is tailored for moves to operation.

***WORK AREA [?].*** Type in the location, work area, or facility to which the order is being moved. Use this field only if your system is tailored for moves to work area.

***QUANTITY.*** Type in the quantity that is being moved.

***COMPLETE <0/1/2>.*** Type in the completion code. The default is 0:

**0** Move not yet complete

**1** Move complete. The transaction quantity has been entered in the Quantity field.

**2** Move complete. The system should calculate the quantity to equal the quantity competed at the from operation less any previously moved quantity.

The from operation must be at a status of 40 (work complete). If the completion code is 1 or 2, the operation status becomes 50 when the transaction is processed.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

## AMJCCOC—Maintain Transactions–Order Complete

Use this display to show that all production activity for an order is complete. This display is valid only if all operations are at a status of 40 or higher. Because this transaction normally represents a management decision, it can be entered only at a work station.

This display appears when you select an OC transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display will appear with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS          ******     AMJCCOC **
                               ORDER COMPLETE
TRANSACTION *******

BADGE       aaaA5
TURNAROUND  nnnnnnnnn  -OR-  ORDER   aaaaaA7









TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

### What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction

for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number, or the temporary badge number of the employee.

**Note:** Type in either the turnaround or the order number.

If you are in Change mode and you want to change the Order Number, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the completed order.

***ORDER [?].*** Type in the order number of the completed order.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCOF—Maintain Transactions–Job Off

Use this display to enter a new Job Off (OF) transaction or to update an existing one. A Job Off transaction shows that an employee is clocking off from a job, and requires a corresponding ON transaction unless you are reporting scrap against a milestone operation or reporting against an F-type milestone group.

OF transactions update the status and quantities of all operations. For F-type milestones, costing and hours are also updated. (For operations that are not F-type milestones, costing and hours are not updated until you run the Prepare Transactions option on the Transaction Processing menu (AMJM30).)

This display appears when you select an OF transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/ DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**            MAINTAIN TRANSACTIONS          ******     AMJCCOF **
                                JOB OFF
TRANSACTION *******

BADGE              aaaA5
TURNAROUND         nnnnnnnnn  -OR-  ORDER   aaaaaA7   OPERATION     aaA4
TYPE<S/R/I/M>      A
COMPLETE<0/1/2/3>  A
QUANTITY           nnnnnnn.nnn
SCRAP              nnnnnnnnnn.nnn
SCRAP REASON       aaaaA6
REFERENCE          aaaaaaaaA10
COMPLETE<0/1/2/3>  A
CREW<Y/N>          A


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, when you press **Enter** and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/ DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.

- If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
- If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Transaction Maintenance (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or the temporary badge number of the employee.

**Note:** If this transaction is for setup or run, type in either the turnaround number or all of the fields in the OR group—order and operation number.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the operation on which the employee is working.

***ORDER [?].*** Type in the order number of the operation on which the employee is working.

***OPERATION.*** Type in the operation on which the employee is working.

***TYPE <S/R/I/M>.*** The subtype of this transaction. The subtype indicates the kind of labor performed on the job associated with this OF transaction. If you are in Change mode, you cannot change this field. Valid values are:

**S** Setup labor
**R** Run labor
**I** Indirect labor
**M** Milestone labor

***QUANTITY.*** Type in the quantity completed. This field is used only for run transactions.

***SCRAP.*** Type in the quantity scrapped. This field is used only for run transactions.

***SCRAP REASON.*** Type in the code that explains the reason for the scrap. This code must be a valid code in the Scrap Reason file. If your company does not require reason codes, blank is a valid entry.

***REFERENCE.*** Type in a user-defined entry that is used to provide additional information about the scrap.

***COMPLETE <0/1/2/3>.*** Type in the completion code. The default is 0. Valid values are:

**0** Operation not yet complete.

**1** Operation complete. The quantity completed is entered in the Quantity field.

**2** Operation complete. The system should assume a transaction quantity equal to the expected quantity for this operation, less any quantity previously reported complete and any reported scrap.

**3** All milestone suboperations should be closed.

***CREW <Y/N>.*** This code indicates whether the employee clocked off the job as part of a work crew. In Add mode, the default is N. In Change mode, the default is N if the employee clocked off with an OF transaction, or Y if the employee clocked off with a Crew Clock transaction. Machine time will be calculated only if the Crew code is N for both an ON and its matching OF transaction.

**Note:** Crew clock transactions allow multiple employees to clock on or off the same job without reentering the transaction detail information. The first employee clocks on or off using the normal ON or OF transaction. The other employees then enter a CC transaction that PM&C converts to an ON or OF transaction with the same time, order, and operation information as the original transaction.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

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## AMJCCON—Maintain Transactions–Job On

Use this display to enter a new Job On record or to update an existing one. The Job On transaction shows that an employee is clocking onto a job and the kind of labor required for the job.

This display appears when you select an ON transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCCON **
                                  JOB ON
TRANSACTION *******

BADGE          aaaA5
TURNAROUND     nnnnnnnnn  -OR-  ORDER    aaaaaA7   OPERATION     aaA4
TYPE<S/R/I>  A



FACILITY ID    aaaA5
CREW<Y/N>      A




TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                         USE ROLL UP/DOWN
                                                         F17 OVERRIDE WARNING
                                                         F19 RETURN TO SELECT
                                                         F24 DISPLAY STATUS
```

### What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or the temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group order and operation numbers.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the operation on which the employee is working.

***ORDER [?].*** Type in the order number of the operation on which the employee is working.

***OPERATION.*** Type in the operation on which the employee is working.

***TYPE <S/R/I>.*** Type in the subtype for this transaction. The subtype indicates the kind of labor required for the job associated with this ON transaction. If you are in Change mode, you cannot change this field. Valid values are:

**S** Setup labor
**R** Run labor
**I** Indirect labor

***FACILITY ID [?].*** Type in the ID of the facility where the employee will work, if different from the facility ID to which the operation is already assigned. If this transaction is for setup or run labor, you can only enter a value in this field if the operation status is less than 30. The facility ID must be in the site associated with the order's MOMAST record.

***CREW <Y/N>.*** This code indicates whether the employee clocked on to the job as part of a work crew. In Add mode, the default is N. In Change mode, the default is N if the employee clocked on with an ON transaction, or Y if the employee clocked on with a Crew Clock transaction. Machine time will be calculated only if the Crew code is N for both an ON and its matching OF transaction.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

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# AMJCCPC—Maintain Transactions–Pick Complete

Use this display to report that the component items of an order have been completely or partially picked.

When reporting partial picking, the PC transaction generates Planned Issue (IP) transactions. If the items picked have been allocated through discretionary allocations, the individual IP transactions are created using those locations. If the items have not been previously allocated, the IP transactions are created with no location information. You must use transaction maintenance to add the location information to the IP transactions before they will update the master files.

You cannot change or deactivate a PC transaction using transaction maintenance if it has generated other transactions.

This display appears when you select a PC transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**             MAINTAIN TRANSACTIONS          ******     AMJCCPC **
                              PICK COMPLETE
TRANSACTION *******

BADGE       aaaA5
TURNAROUND  nnnnnnnnn   -OR-   ORDER    aaaaaA7




QUANTITY    nnnnnnn.nnn

REFERENCE   aaaaaaaA10        REASON CODE   aaaaA6


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                         USE ROLL UP/DOWN
                                                         F17 OVERRIDE WARNING
                                                         F19 RETURN TO SELECT
                                                         F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/**

**DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.

- If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
- If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or the temporary badge number of the employee.

**Note:** Type in either the turnaround number or the order number.

If you are in Change mode and you want to change the order number, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the order for which component items are being issued.

***ORDER [?].*** Type in the order number of the order for which component items are being issued.

***QUANTITY.*** Type in the quantity of the finished item for which component items should be picked. If no value is entered, component items are picked in sufficient quantity to build the order plus any deviation.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCPH—Maintain Transactions–Physical Inventory

Use this display to report quantities counted during physical inventory.

The quantity you count can be either for items that appear on a list of items that should be in a particular warehouse or location, or for items you find unexpectedly that do not appear on your list.

When counting items that appear on your list, enter the turnaround number and the count. This is a typical PH transaction and can be entered either from a data collection terminal or by using this display in Add mode.

When counting unexpected items, you can either enter a PA transaction from a DCT, or you can enter a PH transaction from this display that contains the warehouse, item, location, lot, FIFO date, and count for the unexpected item (leave the turnaround number blank). PA transactions entered from the DCT automatically become PH transactions when they are written to the transaction data file, so they appear on the transaction reports and in inquiries as PH transactions.

This display appears when you select to add or change a PH transaction using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/ DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCCPH **
                             PHYSICAL INVENTORY
TRANSACTION *******

BADGE          aaaA5
TURNAROUND     nnnnnnnnnnnn -OR-  WAREHOUSE  aA3
                                  ITEM       aaaaaaaaaaaaA15
                                  LOCATION   aaaaaA7
                                  LOT        aaaaaaaA10
                                  FIFO DATE  nnnnnn


COUNTED QTY    nnnnnnn.nnn-



TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                         USE ROLL UP/DOWN
                                                         F17 OVERRIDE WARNING
                                                         F19 RETURN TO SELECT
                                                         F24 DISPLAY STATUS
```

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## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

  **Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.
- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transaction Maintenance (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

[?] appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group item, warehouse, location, lot, and FIFO date.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number for the item you are counting.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stocked. If you have only one warehouse, the value is displayed but cannot be changed.

***ITEM [?].*** Type in the item number of the item you are counting.

***LOCATION [?].*** If this is a controlled warehouse, type in the location where the item is stored.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***COUNTED QTY.*** Type in the quantity that is in stock for this item.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
NO ERROR FOUND
WAITING TO BE DEACTIVATED
DEACTIVATED

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# AMJCCPQ—Maintain Transactions–Purchased Item QC Complete

Use this display to report that quality control activities for a purchased item are completed.

This display appears when you select a PQ transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**               MAINTAIN TRANSACTIONS         ******     AMJCCPQ **
                          PURCHASED ITEM QC COMPLETE
TRANSACTION *******

BADGE          aaaA5
TURNAROUND     nnnnnnnnnnnn -OR-  ORDER       aaaaaA7
                                  ITEM  aaaaaaaaaaaaA15   WAREHOUSE  aA3
                                  BLANKET REL nnnn        LOCATION   aaaaaA7
                                  LOT  aaaaaaaA10         FIFO DATE nnnnnn

APPROVED QTY     nnnnnnn.nnn-  APPROVED WH    aA3   APPROVED LOC   aaaaaA7
APPROVED AMT nnnnnnnnnnn.nnnn-
REJECTED QTY     nnnnnnn.nnnn-
VENDOR RTN QTY   nnnnnnn.nnnn-
                               RESUPPLY <Y/N>    A   COMPLETION </C/P/R> A
REFERENCE  aaaaaaaA10          REASON CODE aaaaA6
GRN NUMBER       aaaaaaaaaaaaaaaaaaaaaaaaA26          GRN INV <Y/N>      A
TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  ************************

                                                        USE ROLL UP/DOWN
                                                        F17 OVERRIDE WARNING
                                                        F19 RETURN TO SELECT
                                                        F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and ROLL UP/DOWN is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Transaction Maintenance (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you are in Change mode, returns to the AMJDC01 display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected. This field appears in Change mode only.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group order, item, warehouse, blanket release number, location, lot, and FIFO date.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number for the purchased item.

***ORDER [?].*** Type in the number of the purchase or blanket order with which this item is associated.

***ITEM [?].*** Type in the item number of the item being inspected.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stored. If you have only one warehouse, the value is displayed but cannot be changed.

***BLANKET REL.*** If this is a blanket purchase order, type in the blanket release number with which this item is associated.

***LOCATION [?].*** If this is a controlled warehouse, type in the location where the item is stored.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***APPROVED QTY.*** Type in the total quantity of inventory stock that has been approved as a result of the inspection.

Approved quantity plus rejected quantity must equal location quantity if the item is not associated with a purchase order.

***APPROVED WH.*** Type in the warehouse to which the approved stock should be transferred.

***APPROVED LOC [?].*** Type in the warehouse location where the approved stock should be stored.

***APPROVED AMT.*** Type in the inventory value of the approved stock.

***REJECTED QTY.*** Type in the total quantity of inventory stock that has been rejected as a result of the inspection.

Approved quantity plus rejected quantity must equal location quantity if the item is not associated with a purchase order.

***VENDOR RTN QTY.*** Type in the quantity of the rejected stock that is being returned to the supplying vendor.

This field always appears in Change mode, but appears in Add mode only if Purchasing is installed. Returned quantity is not valid if the item is not associated with a purchase order.

***RESUPPLY <Y/N>.*** Type **Y** if the vendor will correct the problem by shipping a replacement for the returned quantity. Type **N** if the vendor will not be shipping a replacement quantity.

This field always appears in Change mode, but appears in Add mode only if Purchasing is installed. Resupply is not valid if the item is not associated with a purchase order.

***COMPLETION <C/P/R>.*** Type in a code that indicates whether or not the order is complete:

**C** Order is complete. You cannot enter a code of C if you have entered a quantity.

**P** Order not yet complete.

**R** Reopen order.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***GRN NUMBER.*** Type in the number of the goods received note assigned to the item. This field always appears in Change mode, but appears in Add mode if Goods Received Notes are supported in IM. This field appears in both modes if IFM is installed and interfacing.

***GRN INV <Y/N>.*** Type **Y** if the ***GRN NUMBER*** field is an invoice number. Type **N** if the ***GRN NUMBER*** field is used to match another document such as a bill of lading. This field appears only if IFM is installed and interfacing.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
DEACTIVATED

**Note:** If this transaction has a current status of POSTED, it cannot be deactivated.

# AMJCCQC—Maintain Transactions–Approve/Reject Entire Location

Use this display to report that the total quantity of an item in a particular location has been approved or rejected as a result of quality control inspection.

This display appears when you select a QC transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/ DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS        ******     AMJCCQC **
                       APPROVE/REJECT ENTIRE LOCATION

TRANSACTION *******

BADGE          aaaA5
TURNAROUND     nnnnnnnnnnnn -OR-  ITEM  aaaaaaaaaaaaA15   WAREHOUSE  aA3
                                  LOCATION  aaaaaA7       LOT   aaaaaaaA10
                                  FIFO DATE nnnnnn

APPROVAL CODE <1/2>     n


REFERENCE  aaaaaaaA10        REASON CODE  aaaaA6


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                  USE ROLL UP/DOWN
                                                  F17 OVERRIDE WARNING
                                                  F19 RETURN TO SELECT
                                                  F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/ DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group item, warehouse, location, lot, and FIFO date.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number for the cyclic item.

***ITEM [?].*** Type in the item number of the item being inspected.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stored. If you have only one warehouse, the value is displayed but cannot be changed.

***LOCATION [?].*** If this is a controlled warehouse, type in the location where the item is stored.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***APPROVAL CODE <1/2>.*** Type in one of these codes to indicate approval or rejection of the entire quantity in this location:

**1** The quantity is approved.
**2** The quantity is rejected.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
DEACTIVATED

**Note:** If this transaction has a current status of POSTED, it cannot be deactivated.

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# AMJCCRC—Maintain Transactions–Miscellaneous Receipt

Use this display to enter receipts for items that do not have open orders. No order quantities are updated when this transaction is used to report a receipt. Any items requiring inspection upon receipt are not put into stock.

This display appears when you select an RC transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/ DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**                MAINTAIN TRANSACTIONS        ******     AMJCCRC **
                             MISCELLANEOUS RECEIPT
TRANSACTION *******

BADGE          aaaA5
ITEM           aaaaaaaaaaaaA15
WAREHOUSE      aA3

LOCATION       aaaaaA7          LOT  aaaaaaaA10    FIFO DATE    nnnnnn


QUANTITY       nnnnnnn.nnn-
AMOUNT     nnnnnnnnnnn.nnnn-
REFERENCE      aaaaaaaA10       REASON CODE  aaaaA6   UNIT OF MEAS  A2
VENDOR         aaaaA6

TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/ DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or the temporary badge number of the employee.

***ITEM [?].*** Type in the item number of the item received.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stored. If you have only one warehouse, the value is displayed but cannot be changed.

***LOCATION [?].*** If this is a controlled warehouse, type in the location where the item is stored. If you are using a controlled warehouse, this field is required. If your system is set up to use a default location, you can leave this blank and the stocking location (WHSLC) from the Item Balance file is used.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***QUANTITY.*** Type in the quantity received.

***AMOUNT.*** Type in the amount of this transaction.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***VENDOR [?].*** Type in the number of the vendor supplying this item if you want the number to appear on the transaction report. You cannot type a ? in this field if Purchasing is not installed.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCRD—Maintain Transactions–P.O. Receipt to Dock

Use this display to report that a purchased item has been received at the dock. This transaction does not have to be used, but it can provide valuable information when following up on purchase order status.

This display appears when you select an RD transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCCRD **
                            P.O. RECEIPT TO DOCK
TRANSACTION *******

BADGE          aaaA5
TURNAROUND     nnnnnnnnn  -OR-   ORDER aaaaaA7 ITEM         aaaaaaaaaaaaA15
                                               WAREHOUSE    aA3
                                               LINE SEQ#    nnn
                                               BLANKET REL  nnnn


QUANTITY       nnnnnnn.nnn

REFERENCE      aaaaaaaA10       REASON CODE  aaaaA6   UNIT OF MEAS  A2
VENDOR         aaaaA6
GRN NUMBER     aaaaaaaaaaaaaaaaaaaaaaaaA26            GRN INV <Y/N>  A
TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions Maintenance (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected. This field appears in Change mode only.

***BADGE [?].*** Type in the employee number or the temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group order, item, warehouse, line sequence, and blanket release numbers.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the purchase order item or blanket release.

***ORDER [?].*** Type in the purchase order number for this receipt.

***ITEM [?].*** Type in the item number of the item received.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stored. If you have only one warehouse, the value is displayed but cannot be changed.

***LINE SEQ#.*** If Purchasing is installed, type in the line item sequence number for service or miscellaneous items. Leave this field blank for inventory items.

***BLANKET REL.*** If this is a blanket purchase order, type in the blanket release number if you want the receipt applied to a specific release.

***QUANTITY.*** Type in the quantity received.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***VENDOR.*** Type in the number of the vendor supplying this item if you want the number to appear on the transaction report. If Purchasing is interfacing, the vendor number does not appear.

***GRN NUMBER.*** Type in the number of the goods received note assigned to the item. This field appears only if IFM is installed and interfacing.

***GRN INV <Y/N>.*** Type **Y** if the ***GRN NUMBER*** field is an invoice number. Type N if the ***GRN NUMBER*** field is used to match another document such as a bill of lading. This field appears only if IFM is installed and interfacing.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

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# AMJCCRI—Maintain Transactions–P.O. Receipt to Inspection

Use this display to report movement of a purchased item from the receiving dock to inspection.

This display appears when you select an RI transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**                MAINTAIN TRANSACTIONS         ******     AMJCCRI **
                           P.O. RECEIPT TO INSPECTION
TRANSACTION *******

BADGE       aaaA5
TURNAROUND  nnnnnnnnn  -OR-  ORDER    aaaaaA7  ITEM         aaaaaaaaaaaaA15
                                               WAREHOUSE    aA3
                                               BLANKET REL  nnnn
LOCATION    aaaaaA7          LOT  aaaaaaaA10   FIFO DATE    nnnnnn


QUANTITY    nnnnnnn.nnn

REFERENCE   aaaaaaaA10       REASON CODE  aaaaA6        UNIT OF MEAS  A2
                             VENDOR       aaaaA6   COUNTRY OF ORIGIN  aA3
GRN NUMBER  aaaaaaaaaaaaaaaaaaaaaaaA26                GRN INV <Y/N>   A
TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transaction (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected. This field appears in Change mode only.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group order number, item number, warehouse, and blanket release number.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the purchase order item or blanket release.

***ORDER [?].*** Type in the purchase order number for this receipt.

***ITEM [?].*** Type in the item number of the item received.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stored. If you have only one warehouse, the value is displayed but cannot be changed.

***BLANKET REL.*** If this is a blanket purchase order, type in the blanket release number if you want the receipt applied to a specific release.

***LOCATION [?].*** If this is a controlled warehouse, type in the location where the item is stored. If you are using a controlled warehouse, this field is required. If your system is set up to use a default location, you can leave this blank and the stocking location (WHSLC) from the Item Balance file is used.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***QUANTITY.*** Type in the quantity received.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***VENDOR.*** Type in the number of the vendor supplying this item if you want the number to appear on the transaction report. This field appears only if Purchasing is not installed.

***COUNTRY OF ORIGIN.*** Type in the country where the item was manufactured or purchased.

***GRN NUMBER.*** Type in the number of the goods received note assigned to the item. This field always appears in Change mode, but appears in Add mode if Goods Received Notes are supported in IM. This field appears in both modes if IFM is installed and interfacing.

***GRN INV <Y/N>.*** Type **Y** if the ***GRN NUMBER*** field is an invoice number. Type **N** if the ***GRN NUMBER*** field is used to match another document such as a bill of lading. This field appears only if IFM is installed and interfacing.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCRM—Maintain Transactions–Production Receipt

Use this display to report that a manufactured item has been placed in stock. The item balance is increased. A negative production receipt quantity shows that an item has been withdrawn from stock and returned to manufacturing for repair or rework. When the item received requires an inspection on receipt, the status is changed to waiting and the item balance is not updated.

When a production receipt is reported, controlled floor stock component items (if any exist) must be accounted for as an issue to update the item balance. Planned Issue (IP) transactions are generated to issue the controlled floor stock component items. If your system is tailored for work-in-process storage area, the generated IP transactions contain ST01 as the location. If not, or if there is no stock in ST01, you must use transaction maintenance to enter the correct information.

This display appears when you select an RM transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS        ******     AMJCRM **
                             PRODUCTION RECEIPT
TRANSACTION *******

BADGE       aaaA5
TURNAROUND  nnnnnnnnn  -OR-  ORDER   aaaaaA7

FINISHED ITEM  ***************
WAREHOUSE      ***

LOCATION    aaaaaA7         LOT  aaaaaaaA10   FIFO DATE     nnnnnn

QUANTITY    nnnnnnn.nnn     COMPLETE< /P/C/R> A
AMOUNT  nnnnnnnnnnn.nnnn
REFERENCE   aaaaaaaA10      REASON CODE  aaaaA6  UNIT OF MEAS  A2

TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/

**DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.

- If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
- If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions(Status) display (AMJCD03).

F19 RETURN TO SELECT shows display AMJCD01 if you are in Change mode or if you used the fast path to reach Add mode, and display AMJCD02 if you used the standard path to reach Add mode.

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number, or temporary badge number of the employee.

**Note:** Type in either the turnaround number or the order number.

If you are in Change mode and you want to change the order number, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the order.

***ORDER [?].*** Type in the order number of the item being received.

***FINISHED ITEM.*** The item number associated with the order. This field is informational.

***WAREHOUSE.*** The ID of the warehouse associated with the order. This field is informational.

***LOCATION [?].*** Type in the location where the item is stored. If you are using a controlled warehouse, this field is required. If your system is set up to use a default location, you can leave this blank and the stocking location (WHSLC) from the Item Balance file is used.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers can be edited only if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***QUANTITY.*** Type in the quantity of the finished item being received.

***COMPLETE <P/C/R>.*** Type in the complete code. Valid values are:

**P** Partial receipt—order not yet complete.

**C** Order receipts are complete. You cannot enter a code of C if you have entered a quantity.

**R** Reopen closed order.

***AMOUNT.*** Type in the cost that you want assigned to this receipt.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

**Note:** If this transaction has generated other transactions, it cannot be deactivated.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

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# AMJCCRP—Maintain Transactions–P.O. Receipt to Stock

Use this display to report that a purchased item has been placed into stock. The item balance is increased. A negative purchase receipt quantity shows that an item has been withdrawn from stock and returned to the vendor for rework or replacement. When the item requires an inspection on receipt, this transaction cannot be selected. A purchase Receipt to Inspection (RI) transaction must be entered to receive the item to inspection.

This display appears when you select an RP transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**               MAINTAIN TRANSACTIONS         ******     AMJCCRP **
                            P.O. RECEIPT TO STOCK
TRANSACTION *******

BADGE       aaaA5
TURNAROUND  nnnnnnnnn  -OR-  ORDER   aaaaaA7  ITEM         aaaaaaaaaaaaA15
                                              WAREHOUSE    aA3
                                              LINE SEQ#    nnn
                                              BLANKET REL  nnnn
LOCATION    aaaaaA7          LOT  aaaaaaaA10  FIFO DATE     nn/nn/nn

QUANTITY    nnnnnnn.nnn      COMPLETE <C/P>       A
AMOUNT  nnnnnnnnnnn.nnnn
REFERENCE   aaaaaaaA10       REASON CODE  aaaaA6       UNIT OF MEAS  A2
                             VENDOR       aaaaA6  COUNTRY OF ORIGIN  aA3
GRN NUMBER  aaaaaaaaaaaaaaaaaaaaaaaaA26               GRN INV <Y/N>  A
TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.

- If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected. This field appears in Change mode only.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group order, item, warehouse, line sequence, and blanket release numbers.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the purchase order item or blanket release.

***ORDER [?].*** Type in the purchase order number for this receipt.

***ITEM [?].*** Type in the item number of the item received.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stored. If you have only one warehouse, the value is displayed but cannot be changed.

***LINE SEQ#.*** If Purchasing is installed, type in the line item sequence number for miscellaneous or service items. Leave this field blank for inventory items.

***BLANKET REL.*** If this is a blanket purchase order, type in the blanket release number if you want the receipt applied to a specific release.

***LOCATION [?].*** If this is a controlled warehouse, type in the location where the item is stored. If you are using a controlled warehouse, this field is required. If your system is set up to use a default location, you can leave this blank and the stocking location (WHSLC) from the Item Balance file is used.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***QUANTITY.*** Type in the quantity received.

***COMPLETE <C/P/>.*** Type in the complete code. Valid values are:

**C** Order receipts are complete. You cannot enter a C if you have entered a quantity.

**P** Partial receipt—order not yet complete.

***AMOUNT.*** Type in the total amount of this transaction.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***VENDOR.*** Type in the number of the vendor supplying this item if you want the number to appear on the transaction report. This field appears only if Purchasing is installed.

***COUNTRY OF ORIGIN.*** Type in the country where the item was manufactured or purchased.

***GRN NUMBER.*** Type in the number of the goods received note assigned to the item. This field always appears in Change mode, but appears in Add mode if Goods Received Notes are supported in IM. This field appears in both modes if IFM is installed and interfacing.

***GRN INV <Y/N>.*** Type **Y** if the ***GRN NUMBER*** field is an invoice number. Type **N** if the ***GRN NUMBER*** field is used to match another document such as a bill of lading. This field appears only if IFM is installed and interfacing.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCRS—Maintain Transactions–Return to Stock

Use this display to report that an item previously issued has been returned to stock from manufacturing. This transaction causes a recalculation of the average and last costs of the item, but it does not change the allocated quantity of the item for the manufacturing order.

This display appears when you select an RS transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCCRS **
                              RETURN TO STOCK
TRANSACTION *******

BADGE       aaaA5
TURNAROUND  nnnnnnnnn  -OR-  ORDER   aaaaaA7   WAREHOUSE     aA3
                                               COMPONENT     aaaaaaaaaaaaA15
                                               USER SEQ      aaA4
LOCATION    aaaaaA7          LOT   aaaaaaaA10  FIFO DATE     nnnnnn


QUANTITY    nnnnnnn.nnn
AMOUNT   nnnnnnnnnnn.nnnn
REFERENCE   aaaaaaaA10       REASON CODE   aaaaA6   UNIT OF MEAS   A2


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction

for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or the temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group order number, warehouse, component item number, and user sequence number.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the component item being issued.

***ORDER [?].*** Type in the order number of the component.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse from which the component item was issued. If you have only one warehouse, the value is displayed but cannot be changed.

***COMPONENT [?].*** Type in the component item number.

***USER SEQ.*** Type in the user sequence number for the component item, if one exists. This field is required if you supplied the order and component item numbers.

***LOCATION [?].*** Type in the location where the item is stored. If you are using a controlled warehouse, this field is required. If your system is set up to use a default location, you can leave this blank and the stocking location (WHSLC) from the Item Balance file is used.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***QUANTITY.*** Type in the quantity issued.

***AMOUNT.*** Type in the value of the return transaction.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

## AMJCCRW—Maintain Transactions–Interwarehouse Receipt

Use this display to report the receipt of an item from another warehouse. This transaction increases the quantity on hand in the receiving warehouse. If the quantity being transferred is waiting to be inspected, the on hand balance is not increased or decreased. The interwarehouse issue (IW) transaction must be used by the sending warehouse to decrease the quantity on hand in that warehouse.

This display appears when you select an RW transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**                MAINTAIN TRANSACTIONS          ******     AMJCCRW **
                             INTERWAREHOUSE RECEIPT
TRANSACTION *******
ORIGINAL TRANS/TYPE *******/ **
BADGE        aaaA5
ITEM         aaaaaaaaaaaaA15
WAREHOUSE    aA3
LOCATION     aaaaaA7          LOT  aaaaaaaA10   FIFO DATE     nnnnnn



QUANTITY     nnnnnnn.nnn
AMOUNT   nnnnnnnnnnn.nnnn
REFERENCE    aaaaaaaA10       REASON CODE  aaaaA6  UNIT OF MEAS  A2


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

### What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the

Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions Maintenance (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***ORIGINAL TRANS/TYPE.*** If this transaction was generated, the number and type of the original transaction.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

***ITEM [?].*** Type in the item number of the item received.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stored. If you have only one warehouse, the value is displayed but cannot be changed.

***LOCATION [?].*** If this is a controlled warehouse, type in the location where the item is stored.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***QUANTITY.*** Type in the quantity of the item received from another warehouse.

***AMOUNT.*** Type in the total amount of this transaction.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCSA—Maintain Transactions–Sales Shipment

Use this display to report the shipment of sold items. This transaction is used to update the Item Sales file if the Sales Analysis (SA) application is interfacing, unless the item is not a sales analysis item. This transaction is also used to update period sales information used by MRP and MPSP. When an item is returned (through a negative transaction) and the item requires inspection on receipt, the quantity on hand is updated.

This display appears when you select an SA transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCCSA **
                               SALES SHIPMENT
TRANSACTION *******

BADGE          aaaA5
ORDER          nn CO *******
ITEM           aaaaaaaaaaaaA15
WAREHOUSE      aA3
LOCATION       aaaaaA7       LOT  aaaaaaaA10   FIFO DATE     nnnnnn


QUANTITY       nnnnnnn.nnn
AMOUNT     nnnnnnnnnnn.nnnn
REFERENCE      aaaaaaaA10    REASON CODE  aaaaA6  UNIT OF MEAS  A2


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.

- If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions(Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

***ORDER.*** Type in the customer order number for this shipment. If COM is interfacing to IM, the order number appears as nn CO aaaaa6. You key your company number into nn, customer order is put there by the program and cannot be changed, and aaaaa6 is the remainder of the customer order number. If COM is not interfacing to IM, the order number appears as aaaaa6.

***ITEM [?].*** Type in the item number of the shipped item.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stored. If you have only one warehouse, the value is displayed but cannot be changed.

***LOCATION [?].*** If this is a controlled warehouse, type in the location where the item is stored. If you are using a controlled warehouse, this field is required. If your system is set up to use a default location, you can leave this blank and the stocking location (WHSLC) from the Item Balance file is used.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***QUANTITY.*** Type in the quantity of the item shipped.

***AMOUNT.*** Type in the total sales amount for this shipment.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCSC—Maintain Transactions–Component Scrap

Use this display to report component items that are scrapped on a manufacturing order.

Scrapping a component item does not affect the quantity allocated for that component. If you need to reissue a scrapped quantity, add this quantity to the quantity required through Manufacturing Order Detail file maintenance or create a Planned Manufacturing Issue (IP) transaction that will, in effect, over-issue the item.

This display appears when you select an IM SC transaction for change or add using display AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS        ******     AMJCCSC **
                              COMPONENT SCRAP
TRANSACTION *******

BADGE       aaaA5
TURNAROUND  nnnnnnnnn  -OR-  ORDER   aaaaaA7   WAREHOUSE     aA3
                                               COMPONENT     aaaaaaaaaaaaA15
                                               USER SEQ      aaA4


QUANTITY    nnnnnnn.nnn

REFERENCE   aaaaaaaA10       REASON CODE  aaaaA6  UNIT OF MEAS  A2


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  ************************

                                                         USE ROLL UP/DOWN
                                                         F17 OVERRIDE WARNING
                                                         F19 RETURN TO SELECT
                                                         F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.

- If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions Status display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or the temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group order number, warehouse, component item number, and user sequence number.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the component item being scrapped.

***ORDER [?].*** Type in the order number of the component.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse from which the component was issued. If you have only one warehouse, the value is displayed but cannot be changed.

***COMPONENT [?].*** Type in the component item number. If you type in the order and component item number, you must type in a user sequence number, if one exists.

***USER SEQ.*** Type in the user sequence number for the component item, if one exists. This field is required if you supplied the order and component item numbers.

***QUANTITY.*** Type in the quantity issued.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

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# AMJCCSM—Maintain Transactions–Manufacturing Order Scrap

Use this display to report the scrapping of partially completed end items on a manufacturing order. When Manufacturing Order Scrap is reported, controlled floor stock component items must be accounted for (if any exist) as an issue to update the item balance. Planned issue (IP) transactions are generated to issue the controlled floor stock component items. If your system is tailored for work-in-process storage area, the generated transactions contain ST01 as the location. If not, or if there is no stock in ST01, you must use transaction maintenance to enter the correct information.

This transaction is not allowed when PC&C is installed.

This display appears when you select an SM transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**               MAINTAIN TRANSACTIONS         ******     AMJCCSM **
                          MANUFACTURING ORDER SCRAP
TRANSACTION *******

BADGE       aaaA5
TURNAROUND  nnnnnnnnn  -OR-  ORDER   aaaaaA7

FINISHED ITEM  ***************
WAREHOUSE      ***


QUANTITY    nnnnnnn.nnn
REFERENCE   aaaaaaaA10       REASON CODE  aaaaA6  UNIT OF MEAS  A2


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.

- If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
- If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?] appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.**

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number, or the order number.

If you are in Change mode and you want to change the order number, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the manufacturing order.

***ORDER [?].*** Type in the manufacturing order number of the parent item.

***FINISHED ITEM.*** Type in the item number associated with this transaction. This field is informational.

***WAREHOUSE.*** The ID of the warehouse. This field is informational only.

***QUANTITY.*** Type in the quantity of the parent item scrapped.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

**Note:** If this transaction has generated other transactions, it cannot be deactivated.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCSP—Maintain Transactions–Purchase Order Scrap (Add/Change)

Use this display to report the scrapping of items on a purchase order. This transaction is valid only if used before the item is placed in stock.

This display appears when you select an SP transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS        ******     AMJCCSP **
                            PURCHASE ORDER SCRAP
TRANSACTION *******

BADGE       aaaA5
TURNAROUND  nnnnnnnnn  -OR-  ORDER   aaaaaA7  ITEM         aaaaaaaaaaaaA15
                                              WAREHOUSE    aA3
                                              LINE SEQ#    nnn
                                              BLANKET REL  nnnn


QUANTITY    nnnnnnn.nnn

REFERENCE   aaaaaaaA10      REASON CODE  aaaaA6  UNIT OF MEAS  A2
VENDOR      aaaaA6

TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                         USE ROLL UP/DOWN
                                                         F17 OVERRIDE WARNING
                                                         F19 RETURN TO SELECT
                                                         F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group purchase order, item, warehouse, line sequence, and blanket release numbers.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the purchase order item or blanket release.

***ORDER [?].*** Type in the purchase order number for the item scrapped.

***ITEM [?].*** Type in the item number of the item scrapped.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stored. If you have only one warehouse, the value is displayed but cannot be changed.

***LINE SEQ#.*** If Purchasing is installed, type in the line item sequence number for service or miscellaneous items. Leave this field blank for inventory items.

***BLANKET REL.*** Type in the blanket release number if this is a blanket purchase order and you want the scrap applied to a specific release.

***QUANTITY.*** Type in the quantity of the purchase order item scrapped.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***VENDOR.*** Type in the number of the vendor supplying this item if you want the number to appear on the Inventory Transaction Preview report. If Purchasing is installed, the vendor number is not shown.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCSS—Maintain Transactions–Scrap From Stock

Use this display to report the scrapping of items from stock due to spoilage, breakage, or other reasons. This transaction is the only scrap transaction that decreases the quantity on hand.

This display appears when you select an SS transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCCSS **
                              SCRAP FROM STOCK
TRANSACTION *******

BADGE       aaaA5

ITEM        aaaaaaaaaaaaA15
WAREHOUSE   aA3
LOCATION    aaaaaA7          LOT  aaaaaaaA10   FIFO DATE     nnnnnn


QUANTITY    nnnnnnn.nnn

REFERENCE   aaaaaaaA10       REASON CODE  aaaaA6  UNIT OF MEAS  A2


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

***ITEM [?].*** Type in the item number of the item scrapped.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stored. If you have only one warehouse, the value is displayed but cannot be changed.

***LOCATION [?].*** If this is a controlled warehouse, type in the location where the item is stored. If you are using a controlled warehouse, this field is required. If your system is set up to use a default location, you can leave this blank and the stocking location (WHSLC) from the Item Balance file is used.

***LOT.*** The lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***QUANTITY.*** Type in the quantity of the item scrapped.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCCTA—Maintain Transactions–Time and Attendance

Use this display to enter a new Time and Attendance record or to update an existing one. A Time and Attendance transaction tells when an employee arrives or leaves.

This display appears when you select a TA transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**                MAINTAIN TRANSACTIONS          ******     AMJCCTA **
                              TIME AND ATTENDANCE
TRANSACTION *******

BADGE       aaaA5











TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

ERROR FOUND
NO ERROR FOUND
DEACTIVATED

# AMJCCTW—Maintain Transactions–Interwarehouse Transfer

Use this display to complete both the issue and receipt of an item during an interwarehouse transfer. This transaction decreases the quantity on hand in the sending warehouse and increases the quantity on hand at the receiving warehouse. This single transaction (TW) can be used in place of using both the Interwarehouse Issue (IW) and Interwarehouse Receipt (RW) transactions. When the quantity being transferred is waiting to be inspected, the on hand balance is not increased or decreased.

You cannot change a TW transaction through transaction maintenance. You must maintain the generated IW and RW transactions.

This display appears when you select a TW transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS        ******     AMJCCTW **
                          INTERWAREHOUSE TRANSFER
TRANSACTION *******

BADGE          aaaA5
ITEM           aaaaaaaaaaaaA15
FROM WAREHOUSE aA3
LOCATION       aaaaaA7          LOT  aaaaaaaA10   FIFO DATE     nn/nn/nn
TO WAREHOUSE   aA3
LOCATION       aaaaaA7

QUANTITY       nnnnnnn.nnn
AMOUNT     nnnnnnnnnnn.nnnn
REFERENCE      aaaaaaaA10       REASON CODE  aaaaA6   UNIT OF MEAS  A2


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.

- If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
- If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions(Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

***ITEM [?].*** Type in the item number of the transferred item.

***FROM WAREHOUSE.*** Type in the warehouse ID for the issuing warehouse.

***LOCATION [?].*** Type in the stock location that the item is being transferred from, if the transfer is from a controlled warehouse.

***LOT and FIFO DATE.*** The lot number and FIFO date of the item in the issuing warehouse do not change when the item is transferred. Type in these fields as they now exist so they will be carried forward to the receiving warehouse.

***TO WAREHOUSE.*** Type in the warehouse ID for the receiving warehouse.

***LOCATION [?].*** Type in the stock location into which the item is being transferred, if it is being transferred to a controlled warehouse.

***QUANTITY.*** Type in the quantity transferred.

***AMOUNT.*** Type in the total amount of this transaction.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEAS.*** Type in the unit of measure.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

**Note:** If this transaction has generated other transactions, it cannot be deactivated.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
ERROR FOUND
POSTED
DEACTIVATED

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# AMJCCVR—Maintain Transactions–Vendor Return

Use this display to report that merchandise has been returned to the supplying vendor, as when damaged goods are rejected during quality control inspection. This transaction is available only when Purchasing is installed.

This display appears when you select a VR transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCCVR **
                               VENDOR RETURN
TRANSACTION *******


BADGE          aaaA5
TURNAROUND     nnnnnnnnn    -OR-  ORDER    aaaaaA7
                                  ITEM     aaaaaaaaaaaaA15  WAREHOUSE    aA3
                                  BLK REL nnnn              LINE SEQ     nnn


LOCATION       aaaaaA7            LOT      aaaaaaaA10       FIFO DATE    nnnnnn
QUANTITY       nnnnnnn.nnn-
AMOUNT     nnnnnnnnnnn.nnnn-      RESUPPLY <Y/N>  A

REFERENCE      aaaaaaaA10         REASON CODE  aaaaA6    UNIT OF MEASURE   A2
GRN NUMBER     aaaaaaaaaaaaaaaaaaaaaaaA26                GRN INV <Y/N>      A
TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected. This field appears in Change mode only.

***BADGE [?].*** Type in the employee number or the temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group order, item, warehouse, blanket release, and line sequence numbers.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the purchase order item or blanket release.

***ORDER [?].*** Type in the purchase order number with which the item you are returning is associated.

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***ITEM [?].*** Type in the item number of the item you are returning.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stocked. If you have only one warehouse, the value is displayed but cannot be changed.

***BLK REL.*** If this is a blanket purchase order, type in the blanket release number if you want the return applied to a specific release.

***LINE SEQ.*** If Purchasing is installed, type in the line item sequence number for service or miscellaneous items. Leave this field blank for inventory items.

***LOCATION [?].*** If this is a controlled warehouse, type in the location where the item to be returned is stored.

***LOT.*** Type in the lot number assigned to this item lot. Lot numbers may only be edited if you selected batch/lot support during application tailoring.

***FIFO DATE.*** Type in the date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring.

***QUANTITY.*** Type in the quantity being returned.

***AMOUNT.*** Type in the inventory value of the quantity being returned.

***RESUPPLY <Y/N>.*** Type **Y** if the vendor will correct the problem by shipping a replacement for the returned quantity. Type **N** if the vendor will not be shipping a replacement quantity.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***UNIT OF MEASURE.*** Type in the unit of measure.

***GRN NUMBER.*** Type in the number of the goods received note assigned to the item. This field appears only if IFM is installed and interfacing.

***GRN INV <Y/N>.*** Type **Y** if the ***GRN NUMBER*** field is an invoice number. Type **N** if the ***GRN NUMBER*** field is used to match another document such as a bill of lading.This field appears only if IFM is installed and interfacing.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
WAITING TO BE DEACTIVATED
DEACTIVATED

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# AMJCCZZ—Maintain Transactions–User-Defined Transaction

Use this display only if your company supplies its own programs to process this transaction type.

This display appears when you select a ZZ transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/ DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS          ******     AMJCCZZ **
                          USER-DEFINED TRANSACTION
TRANSACTION *******

BADGE       aaaA5


FIELD 1     aaaaaaaaaaaaA15
FIELD 2     aaaaaaaaaaaaA15
QUANTITY    nnnnnnn.nnn

SUBTYPE     A
TURNAROUND  nnnnnnnnn


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/ DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

***FIELD 1***
***FIELD 2.*** Type in up to 15 characters of user-defined data.

***QUANTITY.*** Type in the quantity.

***SUBTYPE.*** Type in the user-defined transaction subtype.

***TURNAROUND.*** Type in the turnaround number you have defined for the transaction. It can be any type of turnaround number, depending on your requirements.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

NO ERROR FOUND
DEACTIVATED

# AMJCECL—Maintain Transactions–Component Transfer to Line

Use this display to report the movement of a component from storage to the production line, or to counteract a CN transaction.

This display appears when you select a CL transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**             MAINTAIN TRANSACTIONS         ******     AMJCECL **
                        COMPONENT TRANSFER TO LINE

TRANSACTION *******

BADGE          aaaA5
TURNAROUND     nnnnnnnnn    -OR-  PICK LIST NBR         nnnnn
                                  REF NBR               nnnn

SUPPLY LOC     *******       LOT  **********        FIFO DATE      ******
COMPONENT      ***************                      LINE LOCATION  *******
SCHEDULE       *******                              WAREHOUSE      ***

CONTAINER QTY  nnn-       PIECE QTY   nnnnnnn.nnn-  CANCEL < /1>    A

REFERENCE  aaaaaaaA10     REASON CODE aaaaA6

TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                          USE ROLL UP/DOWN

                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Maintain Transactions (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Maintain Transactions (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group pick list number and reference number.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the manufacturing schedule.

***PICK LIST NBR.*** Type in the number of the pick list on which this schedule appears.

***REF NBR.*** Type in the reference number that identifies the specific line number on the pick list.

***SUPPLY LOC.*** A number identifying the area where the component item is stocked. This field is informational.

***LOT.*** The number of the lot in which this component item was produced. This field is informational.

***FIFO DATE.*** The FIFO date assigned to this component item. This field is informational.

***COMPONENT.*** The number that identifies this component item. This field is informational.

***LINE LOCATION.*** The number of the location on the production line where the component should be delivered. This field is informational.

***SCHEDULE.*** The number of the production schedule with which this transfer request is associated. This field is informational.

***WAREHOUSE.*** For components, this is the issuing warehouse; for finished items, this is the receipt warehouse. This field is informational.

***CONTAINER QTY***
***PIECE QTY.*** Use one of these fields to indicate how much of the component should be transferred. Type in either a whole number of containers, or the number of pieces. To enter the final transaction, type a zero in both fields.

***CANCEL < /1>.*** Type in one of the following codes to indicate whether or not to cancel line replenishment for this item:

**blank** Do not cancel replenishment for this item.
**1** Cancel replenishment for this item.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
WAITING TO BE DEACTIVATED
DEACTIVATED

## AMJCECN—Maintain Transactions–Component Return to Stores

Use this display to report the movement of a component from the production line into storage, or to counteract a CL transaction. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

This display appears when you select a CN transaction for change or add using display AMJCD01 or AMJCD02.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCECN **
                         COMPONENT RETURN TO STORES

TRANSACTION *******

BADGE          aaaA5
TURNAROUND     nnnnnnnnn    -OR-  RETURN LIST NBR      nnnnn
                                  REF NBR              nnnn

LOT            **********                           FIFO DATE       ******
COMPONENT      ***************                      LINE LOCATION   *******
SCHEDULE       *******                              WAREHOUSE       ***

CONTAINER QTY  nnn-                      PIECE QTY    nnnnnnn.nnn-
SUPPLY LOC     aaaaaA7
REFERENCE      aaaaaaaA10                REASON CODE  aaaaA6

TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                          USE ROLL UP/DOWN
                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

### What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Transaction Maintenance (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Transaction Maintenance (Status) display (AMJCD03).

## Fields

[?] appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group return list number and line reference number.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the manufacturing schedule.

***RETURN LIST NBR.*** Type in the number of the return list on which this schedule appears.

***REF NBR.*** Type in the reference number that identifies the specific line number on the return list.

***LOT.*** The lot number assigned to this item lot. This field is informational.

***FIFO DATE.*** The date that an item lot is received into inventory. FIFO dates appear if you select FIFO support during application tailoring. This field is informational.

***COMPONENT.*** The number that identifies the component item that is to be transferred. This field is informational.

***LINE LOCATION.*** The number of the location on the production line where the component is currently stored. This field is informational.

***SCHEDULE.*** The number of the production schedule with which this transfer request is associated. This field is informational.

***WAREHOUSE.*** For components, this is the issuing warehouse; for finished items, this is the receipt warehouse. This field is informational.

***CONTAINER QTY***
***PIECE QTY.*** Use one of these fields to indicate how much of the component should be transferred. Type in either a whole number of containers, or the number of pieces. To enter the final transaction, type a zero in both fields.

***SUPPLY LOC [?].*** Type in the number identifying the area where the component item should be stocked.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCEIP—Maintain Transactions–Planned Issue

Use this display to report planned issues for a component on a repetitive manufacturing schedule.

This display appears when you select a REP IP transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCEIP **
                               PLANNED ISSUE

TRANSACTION *******

BADGE          aaaA5
TURNAROUND     nnnnnnnnn    -OR-    PICK LIST NBR   nnnnn
                                    REF NBR         nnnn

COMPONENT       ***************            USER SEQ        ****
WAREHOUSE       ***       LINE     *****   SCHEDULE ITEM   ***************
SCHEDULE DATE   ******                     S-NUMBER        ********************
LINE LOCATION   *******                    SCHEDULE        *******

CONTAINER QTY  nnn-                        PIECE QTY       nnnnnnn.nnn-
REFERENCE      aaaaaaaA10                  REASON CODE     aaaaA6

TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                           USE ROLL UP/DOWN

                                                           F17 OVERRIDE WARNING
                                                           F19 RETURN TO SELECT
                                                           F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Transaction Maintenance (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Transaction Maintenance (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group pick list number and line reference number.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the manufacturing schedule.

***PICK LIST NBR.*** Type in the number of the pick list on which this schedule appears.

***REF NBR.*** Type in the reference number that identifies the specific line number on the pick list.

***COMPONENT.*** The number that identifies the component item being issued. This field is informational.

***USER SEQ.*** A user-defined component sequence number that makes this item unique within the bill of material. This field is informational.

***WAREHOUSE.*** For components, this is the issuing warehouse; for finished items, this is the receipt warehouse. This field is informational.

***LINE.*** The identifier for the production line requiring the component to be issued. This field is informational.

***SCHEDULE ITEM.*** The number that identifies the item on the schedule for which the component item being issued is required. This field is informational.

***SCHEDULE DATE.*** The completion date assigned to the production schedule. This field is informational.

***S-NUMBER.*** The select number that contains the features and options codes for the schedule item. This field is informational.

***LINE LOCATION.*** The number of the location on the production line where the component should be delivered. This field is informational.

***SCHEDULE.*** The number of the production schedule with which this transfer request is associated. This field is informational.

***CONTAINER QTY***
***PIECE QTY.*** Use one or the other of these fields to indicate how much of the component should be transferred. Type in either a whole number of containers, or the number of pieces.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCEPS—Maintain Transactions–Production Status

Use this display to report production status information for a component on a repetitive manufacturing schedule.

This display appears when you select a PS transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCEPS **
                             PRODUCTION STATUS

TRANSACTION *******

BADGE     nnnnn


WAREHOUSE   aA3        PROD LINE    aaaA5        QUANTITY    nnnnnnn.nnn-

LINE STATUS <1/2> A    TIME CODE    aaA4         SHIFT   A        CREW    aA3




REFERENCE aaaaaaaA10         REASON CODE   aaaaA6

TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************


                                                          USE ROLL UP/DOWN

                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Transaction Maintenance (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Transaction Maintenance (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

***WAREHOUSE.*** If you have multiple warehouses defined, type in the ID of the warehouse where this item is stored. If you have only one warehouse, the value is displayed but cannot be changed.

***PROD LINE.*** Type in the number that identifies the production line for which you are reporting status.

***QUANTITY.*** Type in the quantity for which you are reporting status.

***LINE STATUS <1/2>.*** Type in one of these line status codes to indicate how the production line work is progressing:

**1** The line is started.
**2** The line is stopped.

***TIME CODE.*** Type in the time that you entered this transaction. This field is not edited, so you can use any form of time notation you choose.

***SHIFT.*** Type in one of these codes to represent the production period against which you are reporting status:

**1** First shift
**2** Second shift
**3** Third shift

***CREW.*** Type in the user-defined identifier assigned to the work crew associated with this production line.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCERL—Maintain Transactions–Replenishment

Use this display to report that you are drawing stock out of inventory to replace items used on a repetitive production line.

This display appears when you select a RL transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS          ******     AMJCERL **
                               REPLENISHMENT

TRANSACTION *******

BADGE          aaaA5
TURNAROUND     nnnnnnnnn    -OR-   PICK LIST NBR     nnnnn
                                   REF NBR           nnnn

COMPONENT       ***************            USER SEQ       ****
WAREHOUSE       ***       LINE *****       SCHEDULE ITEM  ***************
SCHEDULE DATE   ******                     S-NUMBER       ********************
LINE LOCATION   *******                    SCHEDULE NBR   *******

CONTAINER QTY  nnn-       PIECE QTY       nnnnnnn.nnn-    PRIORITY <Y/N>  A
REFERENCE  aaaaaaaA10     REASON CODE     aaaaA6

TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                          USE ROLL UP/DOWN

                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press Enter or ROLL UP/DOWN. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Transaction Maintenance (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Transaction Maintenance (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group pick list number and line reference number.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the manufacturing schedule.

***PICK LIST NBR.*** Type in the number of the pick list on which this schedule appears.

***REF NBR.*** Type in the reference number that identifies the specific line number on the pick list.

***COMPONENT.*** The number that identifies the component item being issued. This field is informational.

***USER SEQ.*** A user-defined component sequence number that makes this item unique within the bill of material. This field is informational.

***WAREHOUSE.*** For components, this is the issuing warehouse; for finished items, this is the receipt warehouse. This field is informational.

***LINE.*** The identifier for the production line requiring replenishment. This field is informational.

***SCHEDULE ITEM.*** The number that identifies the item on the schedule for which the component item being replenished is required. This field is informational.

***SCHEDULE DATE.*** The completion date assigned to the production schedule. This field is informational.

***S-NUMBER.*** The select number that contains the features and options codes for the schedule item. This field is informational.

***LINE LOCATION.*** The number of the location on the production line where the component should be delivered. This field is informational.

***SCHEDULE.*** The number of the production schedule with which this replenishment request is associated. This field is informational.

***CONTAINER QTY***
***PIECE QTY.*** Use one or the other of these fields to indicate how much of the component should be replenished. Type in either a whole number of containers, or the number of pieces.

***PRIORITY <Y/N>.*** Type in **Y** if the item is needed immediately. Type in **N** if the item can be sent on the normal replenishment cycle. **Y** is the default.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCERM—Maintain Transactions–Schedule Receipts

Use this display to report that a schedule item has been placed in stock. The item balance is increased. A negative production receipt quantity shows that an item has been withdrawn from stock and returned to production for repair or rework. When the item received requires an inspection on receipt, the status is changed to waiting and the item balance is not updated.

When a schedule receipt is reported, controlled floor stock component items (if any exist) must be accounted for as an issue to update the item balance. Planned Issue (IP) transactions are generated to issue the controlled floor stock component items. If your system is tailored for work-in-process storage area, the generated IP transactions contain ST01 as the location. If not, or if there is no stock in ST01, you must use transaction maintenance to enter the correct information.

If the production line is set up for “post to oldest schedule”, the quantity is spread over the remaining quantities on older schedules.

This display appears when you select a Repetitive Production Management RM transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCERM **
                             SCHEDULE RECEIPTS

TRANSACTION *******

BADGE          aaaA5
TURNAROUND     nnnnnnnnn    -OR-  SCHEDULE NBR    aaaaaA7

RECEIPT LOC    aaaaaA7     LOT    aaaaaaaA10    FIFO DATE    nnnnnn

WAREHOUSE      ***         LINE   *****         SCHED ITEM  ***************
SCHEDULE DATE   ******                          S-NUMBER    ********************

CONTAINER QTY   nnn-                            PIECE QTY    nnnnnnn.nnn-
SHIFT           A          CREW   aA3           REWORK<Y/N>  A
REFERENCE   aaaaaaaA10     REASON CODE aaaaA6   LAST TRAN <Y/N>   A

TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                      USE ROLL UP/DOWN

                                                      F17 OVERRIDE WARNING
                                                      F19 RETURN TO SELECT
                                                      F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press Enter or ROLL UP/DOWN. The fields typed on the display are edited by the system and one of the following occurs:

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- If errors are found, the same display appears again with the incorrect fields highlighted.
- If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
- If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
- If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Transaction Maintenance (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Transaction Maintenance (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or the schedule number.

If you are in Change mode and you want to change the schedule number, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the manufacturing schedule.

***SCHEDULE [?].*** Type in the number of the schedule against which this receipt should be reported.

***RECEIPT LOC [?].*** Type in the identifier of the location where the shipment is being received into stock. If the location is left blank, the delivery location (DLOCN) in the MFG order header (NOMAST) will be used.

***LOT.*** Type in the lot number in which this component was produced.

***FIFO DATE.*** Type in the FIFO date for this component item. FIFO dates appear if you select FIFO support during application tailoring.

***WAREHOUSE.*** For components, this is the issuing warehouse; for finished items, this is the receipt warehouse. This field is informational.

***LINE.*** The identifier for the production line requiring replenishment. This field is informational.

***SCHED ITEM.*** The number that identifies the item on the schedule against which the shipment is being received. This field is informational.

***SCHEDULE DATE.*** The completion date assigned to the production schedule. This field is informational.

***S-NUMBER.*** The select number that contains the features and options codes for the schedule item. This field is informational.

***CONTAINER QTY***
***PIECE QTY.*** Use one or the other of these fields to indicate how much of the component should be replenished. Type in either a whole number of containers, or the number of pieces.

***SHIFT.*** Type in one of these codes to represent the production period against which you are reporting the receipt:

**1** First shift
**2** Second shift
**3** Third shift

***CREW.*** Type in the user-defined identifier assigned to the work crew associated with this production line.

***REWORK <Y/N>.*** Type in **Y** if the receipt is for a rework operation. Type in **N** if the receipt is not for a rework operation. Y is the default.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***LAST TRAN <Y/N>.*** Type in **Y** if this is the last transaction in the schedule (schedule is complete). Type in **N** if there are more transactions in the schedule. The default is N.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

**Note:** If this transaction has generated other transactions, it cannot be deactivated.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
DEACTIVATED

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# AMJHA1—Post to Oldest–Schedule Receipt (RX)

Use this display to report that a schedule item has been placed in stock.

This display appears when you select a Repetitive Production Management RX transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

```
 AMJHA1                          Post to Oldest                   *******
                                Schedule Receipt


 Badge . . . . . . . : aaaA5                *****************************
 Warehouse  . . . . . : aA3                 *****************************
 Schedule item  . . . : aaaaaaaaaaaaA15     *****************************
 Revision support . . : A

 S-number . . . . . . : aaaaaaaaaaaaaaaaaA20 Receipt Location . . .: *******
 Batch / lot  . . . . : aaaaaaaA10
 Fifo date  . . . . . : nn/nn/
nn
 Line . . . . . . . . : aaaA5               *****************************

 Container quantity . : nnn
 Piece quantity . . . : nnnnnnn.nnn
 Shift  . . . . . . . : n
 Crew . . . . . . . . : aA3

 Rework . . . . . . . : A

 Last transaction . . : A
 Date . . . . . . . . : **/**/**
 Time . . . . . . . . : **:**:**
                                                      F24 CANCEL JOB
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/ DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the display you were previously on.

## Function keys

F24 CANCEL JOB causes the Transaction Type Selection display to appear again.

## Fields

The fields on this display are described previously on “AMJCERM—Maintain Transactions–Schedule Receipts” on page 5-141.

# AMJCERO—Maintain Transactions–Operation Reporting

Use this display to report that an operation on a REP production line is complete.

This display appears when you select a RO transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**                MAINTAIN TRANSACTIONS         ******     AMJCERO **
                              OPERATION REPORTING

TRANSACTION *******

BADGE          aaaA5
TURNAROUND     nnnnnnnnn    -OR-  SCHEDULE       aaaaaA7
                                  OPERATION      aaA4

WAREHOUSE      ***       PROD LINE  *****     SCHED ITEM    ***************
SCHEDULE DATE   ******                        S-NUMBER      ********************

CONTAINER QTY   nnn-          PIECE QTY    nnnnnnn.nnn-

REFERENCE   aaaaaaaA10        REASON CODE  aaaaA6    SHIFT  A    CREW   aA3


TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                          USE ROLL UP/DOWN

                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

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Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Transaction Maintenance (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Transaction Maintenance (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group schedule number and operation sequence number.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the manufacturing schedule.

***SCHEDULE [?].*** Type in the number of the schedule against which this receipt should be reported.

***OPERATION.*** Type in the operation sequence number of the reporting point where you are entering this transaction.

***WAREHOUSE.*** For components, this is the issuing warehouse; for finished items, this is the receipt warehouse. This field is informational.

***PROD LINE.*** The identifier for the production line requiring replenishment. This field is informational.

***SCHED ITEM.*** The number that identifies the item on the schedule against which the shipment is being received. This field is informational.

***SCHEDULE DATE.*** The completion date assigned to the production schedule. This field is informational.

***S-NUMBER.*** Type in the select number that contains the features and options codes for the schedule item. This field is informational.

***CONTAINER QTY***
***PIECE QTY.*** Use one of these fields to indicate how much of the component should be replenished. Type in either a whole number of containers, or the number of pieces.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***SHIFT.*** Type in one of these codes to represent the production period against which you are reporting the receipt:

**1** First shift
**2** Second shift
**3** Third shift

***CREW.*** Type in the user-defined identifier assigned to the work crew associated with this production line.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

**Note:** If this transaction has generated other transactions, it cannot be deactivated.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJHA1—Post to Oldest–Operation Reporting (RY)

Use this display to report that an operation on a REP production line is complete.

This display appears when you select a RY transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

```
AMJHA1                         Post to Oldest                 **********
                            Operation Reporting

Badge  . . . . . . . : aaaA5                *****************************
Warehouse  . . . . . : aA3                  *****************************
Schedule item  . . . : aaaaaaaaaaaaA15      *****************************
Revision support . . : A      aaaa5

Operations . . . . . : aaA4

S-number . . . . . . : aaaaaaaaaaaaaaaaaA20

Line . . . . . . . . : aaaA5                *****************************
Container quantity . : nnn
Piece quantity . . . : nnnnnnn.nnn
Shift  . . . . . . . : n
Crew . . . . . . . . : aA3
Rework . . . . . . . : A
Last transaction . . : A
Date . . . . . . . . : nn/nn/nn
Time . . . . . . . . : nnnnnn

                                                 F24 CANCEL JOB
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the display you were previously on.

## Function keys

F24 CANCEL JOB causes the Transaction Type Selection display to appear again.

## Fields

The fields on this display are described previously on “AMJCERO—Maintain Transactions–Operation Reporting” on page 5-147.

# AMJCESC—Maintain Transactions–Component Scrap

Use this display to report that an item in a production schedule is being scrapped.

This display appears when you select a Repetitive Production Management SC transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**              MAINTAIN TRANSACTIONS         ******     AMJCESC **
                              COMPONENT SCRAP

TRANSACTION *******

BADGE          aaaA5
TURNAROUND     nnnnnnnnn    -OR-  PICK LIST NBR  nnnnn
                                  REF NBR        nnnn

LINE LOCATION  *******            LOT  **********         FIFO DATE    ******
COMPONENT      ***************    USER SEQ  ****

CONTAINER QTY  nnn-               PIECE QTY  nnnnnnn.nnn-
SHIFT          A                  CREW       aA3

REFERENCE      aaaaaaaA10         REASON CODE  aaaaA6

TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A     CURRENT STS  *************************

                                                         USE ROLL UP/DOWN

                                                         F17 OVERRIDE WARNING
                                                         F19 RETURN TO SELECT
                                                         F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain

Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Transaction Maintenance (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **Enter** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Transaction Maintenance (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group pick list number and line reference number.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the manufacturing schedule.

***PICK LIST NBR.*** Type in the number of the pick list on which this schedule appears.

***REF NBR.*** Type in the reference number that identifies the specific line number on the pick list.

***LINE LOCATION.*** The number of the location on the production line where the component is being reported as scrapped. This field is informational.

***LOT.*** The lot number in which this component item was produced. This field is informational.

***FIFO DATE.*** The FIFO date assigned to this component item. FIFO dates appear if you select FIFO support during application tailoring. This field is informational.

***COMPONENT.*** The number that identifies the component item that is to be scrapped. This field is informational.

***USER SEQ.*** A user-defined component sequence number that makes this item unique within the bill of material. This field is informational.

***CONTAINER QTY***
***PIECE QTY.*** Use one or the other of these fields to indicate how much of the component should be scrapped. Type in either a whole number of containers, or the number of pieces.

***SHIFT.*** Type in one of these codes to represent the production period against which you are reporting the scrap:

**1** First shift
**2** Second shift
**3** Third shift

***CREW.*** Type in the user-defined identifier assigned to the work crew associated with this production line.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
WAITING TO BE DEACTIVATED
DEACTIVATED

# AMJCESM—Maintain Transactions–Schedule Scrap

Use this display to report that an operation on a repetitive production line is complete.

This display appears when you select a Repetitive Production Management SM transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

If the production line is set up to post to oldest schedule, the quantity is spread over the remaining quantities on older schedules.

**Note:** This display appears with **ROLL UP/DOWN** as the first function key in the list. **F17 OVERRIDE WARNING** appears when an error occurs, overlaying **ROLL UP/ DOWN**. When **F17** is active, **ROLL UP/DOWN** is inactive.

```
DATE **/**/**             MAINTAIN TRANSACTIONS          ******     AMJCESM **
                             SCHEDULE SCRAP

TRANSACTION *******

BADGE          aaaA5
TURNAROUND     nnnnnnnnn    -OR-  SCHEDULE        aaaaaA7
                                  OPERATION       aaA4

WAREHOUSE      ***        PROD LINE     *****    SCHED ITEM ***************
SCHEDULE DATE   ******                           S-NUMBER   ********************


CONTAINER QTY   nnn-      PIECE QTY     nnnnnnn.nnn-

REFERENCE  aaaaaaaA10     REASON CODE   aaaaA6   SHIFT  A        CREW   aA3

TIME nnnnnn
DATE nnnnnn  REQUESTED STS <A/D> A      CURRENT STS  *************************

                                                          USE ROLL UP/DOWN

                                                          F17 OVERRIDE WARNING
                                                          F19 RETURN TO SELECT
                                                          F24 DISPLAY STATUS
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/ DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the

Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the select or inquiry display you were previously on.

- To override any warning messages shown concerning transaction errors and write the transaction to the transaction file, use **F17**. If you are in Add mode, return to the AMJCD01 or AMJCD02 display. If you are in Change mode, return to the AMJCD01 or AMJAB2 display.
- To cancel the entries, use **F19**. If you are in Add mode, go to the AMJCD01 or AMJCD02 display. If you are in Change mode, go to the AMJCD01 or AMJAB2 display.
- To view the session status, use **F24**. Go to the Transaction Maintenance (Status) display (AMJCD03).

## Function keys

USE ROLL UP/DOWN to scroll forward and backward through the maintenance transaction records. This key also acts as the **ENTER** key when you type information on the display.

F17 OVERRIDE WARNING overrides a warning message. If no errors exist, the transaction is accepted.

F19 RETURN TO SELECT cancels any information typed on the display and returns to the previous display. If you are in Add mode, returns to the AMJCD02 display. If you got to this display from the Maintain Transactions–Transaction Selection (Select) display (AMJCD01) and you are in Change mode, you will return to the AMJCD01 display. If you got to this display from the Employee Activity Inquiry display (AMJAB2) and you are in Change mode, you will return to that display.

F24 DISPLAY STATUS shows the Transaction Maintenance (Status) display (AMJCD03).

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***TRANSACTION.*** The transaction number you selected.

***BADGE [?].*** Type in the employee number or temporary badge number of the employee.

**Note:** Type in either the turnaround number or all of the fields in the OR group schedule number and operation sequence number.

If you are in Change mode and you want to change one of the fields in the OR group, you must first either change or clear the contents of the ***TURNAROUND*** field.

***TURNAROUND.*** Type in the turnaround number of the manufacturing schedule.

***SCHEDULE [?].*** The number of the production schedule with which this scrap is associated.

***OPERATION.*** Type in the operation sequence number of the reporting point where you are entering this transaction.

***WAREHOUSE.*** For components, this is the issuing warehouse code; for finished items, this is the receipt warehouse code. This field is informational.

***PROD LINE.*** The number that identifies the production line for which you are reporting status. This field is informational.

***SCHED ITEM.*** The number that identifies the item on the schedule against which the scrap is being reported. This field is informational.

***SCHEDULE DATE.*** The completion date assigned to the production schedule. This field is informational.

***S-NUMBER.*** The select number that contains the features and options codes for the schedule item. This field is informational.

***CONTAINER QTY***
***PIECE QTY.*** Use one or the other of these fields to indicate how much of the component should be scrapped. Type in either a whole number of containers, or the number of pieces.

***REFERENCE.*** Type in the user-defined reference code.

***REASON CODE.*** Type in the user-defined reason code.

***SHIFT.*** Type in one of these codes to represent the production period against which you are reporting the scrap:

**1** First shift
**2** Second shift
**3** Third shift

***CREW.*** Type in the user-defined identifier assigned to the work crew associated with this production line.

***TIME***
***DATE.*** If you are in Add mode and requested Auto Time on display AMJCD02, these fields contain the system time and date. If you are in Add mode and did not request Auto Time, they are blank. If you are in Change mode, these fields show the last time and date values entered into this transaction.

If this transaction originated on the shop floor, you cannot change these fields.

***REQUESTED STS <A/D>.*** This field first appears with the value currently in effect for this transaction. If you want to change this value, type in one of the following codes:

**A** Activate the transaction.
**D** Deactivate the transaction.

This field appears only when you are in Change mode.

**Note:** If this transaction has generated other transactions, it cannot be deactivated.

***CURRENT STS.*** This field reflects the current disposition of this transaction:

WAITING TO BE POSTED
POSTED
ERROR FOUND
DEACTIVATED

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# AMJHA1—Post to Oldest–Schedule Scrap (SX)

Use this display to report that an operation on a repetitive production line is complete.

This display appears when you select a Repetitive Production Management SX transaction for change or add using display AMJCD01 or AMJCD02. When you press **Enter** from this display, display AMJCD01 appears if you are in Change mode, or if you used the fast path to enter Add mode; display AMJCD02 appears if you used the standard path to enter Add mode.

```
AMJHA1                         Post to Oldest                *******
                               Schedule Scrap

Badge  . . . . . . . : aaaA5                ***************************
Warehouse  . . . . . : aA3                  ***************************

Schedule item  . . . : aaaaaaaaaaaaA15      ***************************

Revision support . . : A  aaaA5
Operations . . . . . : aaA4
S-number . . . . . . : aaaaaaaaaaaaaaaaaA20 Receipt Location . . .: *******
Batch / lot  . . . . : aaaaaaaA10
Fifo date  . . . . . : nn/nn/nn
Line . . . . . . . . : aaaA5                ***************************
Container quantity . : nnn
Piece quantity . . . : nnnnnnn.nnn
Shift  . . . . . . . : n
Crew . . . . . . . . : aA3
Rework . . . . . . . : A
Last transaction . . : A
Date . . . . . . . . : **/**/**
Time . . . . . . . . : ******

                                                  F24 CANCEL JOB
```

## What to do

- Type in the necessary information to change or create the transaction. Press **Enter** or **ROLL UP/DOWN**. The fields typed on the display are edited by the system and one of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If you are in Add mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJCD02 display. If you are in Add mode, and **ROLL UP/DOWN** is pressed and no errors are found, the display appears again blank so you can enter new transactions.
  - If you are in Change mode, **Enter** is pressed and no errors are found, return to the AMJCD01 or AMJAB2 display.
  - If you are in Change mode, and **ROLL UP/DOWN** is pressed, and no errors are found, the next or previous transaction is shown. If you came from the Employee Activity Inquiry (AMJAB2) display, the next or previous transaction for the employee appears. If this display was called from the Maintain Transactions—Transaction Selection (AMJCD01) display, the next or previous transaction in sequence will appear.

**Note:** If the next transaction is not available or you do not have authority, returns to the display you were previously on.

## Function keys

F24 CANCEL JOB causes the Transaction Type Selection display to appear again.

## Fields

The fields on this display are described previously on “AMJCESM—Maintain Transactions–Schedule Scrap” on page 5-157.

# AMJCD03—Maintain Transactions (Status)

Use this display to view information about the activity during the current transaction maintenance session.

This display appears when you use **F24** from the Maintain Transactions displays.

```
DATE **/**/**                 MAINTAIN TRANSACTIONS        STATUS     AMJCD03 **

                                            TRANSACTION
                SESSION STATUS              DATA FILE

                     RECORDS ADDED             *******
                     RECORDS CHANGED           *******











                                                          F24 END OF JOB
```

## What to do

- To return to the display from which you requested session status, press **Enter**.
- To leave Transaction Maintenance, use F24. Go to the Transaction Processing menu (AMJM30).

## Function keys

F24 END OF JOB causes the Transaction Processing menu (AMJM30) to appear again. If maintenance was accessed through Employee Activity Inquiry, menu AMJM10 appears.

## Fields

The fields on this display are informational only.

***SESSION STATUS.***

***RECORDS ADDED***: The number of records added during the file maintenance session.

***RECORDS CHANGED***: The number of records changed during the file maintenance session.

## Option 2. Select and Edit Transactions (AMJM30)

Use this option to select transactions from the collected transactions file for final processing, or to clear a previous selection. You may select or clear selection of transactions by category. The categories are:

- Labor, which includes the Miscellaneous Charge (MC) and Order Close (OC)
- Inventory, which includes transactions except Physical Inventory (PH)
- User
- Repetitive
- Physical Inventory.

You can select a company, a range of departments, or a range of warehouses. The company and department criteria are useful in managing attendance and labor transactions passed to Payroll. The warehouse criteria can help in managing inventory transactions.

**What information you need:**

- The date on which the latest shift ends for which you want to include transactions
- The ending time for the latest shift for which you want to include transactions
- The company, department, or warehouse numbers you want to use
- Whether you want to include labor transactions
- Whether you want to include inventory transactions
- Whether you want to include user transactions
- Whether you want to include Repetitive transactions
- Whether you want to include Physical Inventory transactions
- Whether you want to print only the Transaction Edit Listing or continue with other reports
- Whether you want to combine all categories on one report
- The printing sequence of the list you want:
  - By employee number
  - By home department.
- Whether to print the Transaction Log by:
  - Controller
  - Station
  - Employee

**What reports are printed:**

- Transaction Edit Listing (AMJCL)
- Transaction Log (AMJCM)
- Labor Transaction Preview (AMJCN)

**What forms you need:** None.

The steps for processing transactions and clearing selections follow the display.

# AMJCI1—Transaction Selection Options

Use this display to select transactions from the collected transaction file for final processing, to clear a previous selection, and to define the reports that you want to print. If you clear a previous selection, you can make corrections to transactions before again selecting them for final processing.

This display appears when you select option 2 on the Transaction Processing menu (AMJM30).

**Note:** You can select to clear previous selection only for those categories for which you have authority.

```
DATE **/**/**            TRANSACTION SELECTION OPTIONS               AMJCI1  **

EDIT OPTION <1-3>     n  1-PRINT ALL TRANSACTIONS
                         2-PRINT ERRORS ONLY
                         3-CLEAR PREVIOUS SELECTION

SCHEDULE CUTOFF DATE  nnnnnn     COMPANY nn  DEPARTMENT FROM nnnn TO nnnn
SCHEDULE CUTOFF TIME  nnnn                   WAREHOUSE  FROM  nnn TO  nnn

LABOR <Y,N>           A     INVENTORY <Y,N>    A     USER <Y,N>        A
REPETITIVE <Y,N>      A     PHYSICAL INV <Y,N> A
COMBINE REPORTS <Y/N> A
EDIT ONLY <Y,N>       A
REPORT SEQUENCE <1,2> n  1-EMPLOYEE
                         2-DEPARTMENT/EMPLOYEE

TRANSACTION LOG <Y,N> A BY CONTROLLER
                      A BY STATION
                      N BY EMPLOYEE


                                                      F17 OVERRIDE WARNING
                                                      F24 CANCEL THE JOB
```

## What to do

- To select transactions, type the options you want to use in the fields and press **Enter**. Menu AMJM30 appears.
- To override any warning messages shown use **F17** to return to AMJM30.
- To cancel the job, use **F24**. Go to the Transaction Processing menu (AMJM30).

## Function keys

F17 OVERRIDE WARNING overrides a warning message.

F24 CANCEL THE JOB cancels the job and causes the Transaction Processing menu (AMJM30) to appear again.

## Fields

***EDIT OPTION<1-3>.*** Type in a number to indicate which transactions you want to select:

**1** Print all transactions

**2** Print only transactions that are in error

**3** Clear a previous selection so you can correct transactions before selecting them again. This option affects only transactions in the category that contain a Y.

***SCHEDULE CUTOFF DATE.*** Type in the ending date of the latest shift for which you want to include transactions.

***SCHEDULE CUTOFF TIME.*** Type in the ending time of the latest shift (plus shift extension hours) for which you want to include transactions.

The cutoff date and time are used to determine the transactions that are selected for final processing. If the employee's shift ends earlier than the cutoff time, transactions on the cutoff date or earlier are included. If the employee's shift ends after the cutoff time, transactions from the previous day or earlier are included.

***COMPANY.*** Type in the company number whose transactions you want to use.

***DEPARTMENT FROM/TO.*** Type in the beginning and ending department numbers you want to use.

***WAREHOUSE FROM/TO.*** Type in the beginning and ending warehouse numbers you want to use. This selection criteria is valid only for inventory transactions.

***LABOR <Y/N>.*** Type in **Y** to select labor transactions for inclusion on the Transaction Edit List, to print the Labor Transaction Preview, and to select labor transactions for final processing. Type in **N** if you do not want to include labor transactions in this selection. Y is the default unless the category has been secured and the user has not been authorized. In this case, N is the default and cannot be changed. This field must contain a Y in order to clear selections in this category when ***EDIT OPTION*** is 3.

***INVENTORY <Y/N>.*** Type in **Y** to select inventory transactions to print on the Transaction Edit List. Type in **N** if you do not want to include inventory transactions in this selection. Y is the default unless the category has been secured and the user has not been authorized. In this case, N is the default and cannot be changed. This field must contain a Y in order to clear selections in this category when ***EDIT OPTION*** is 3.

***USER <Y/N>.*** Type in **Y** to select user transactions for final processing. Type in **N** if you do not want to include user transactions in this selection. Y is the default unless the category has been secured and the user has not been authorized. In this case, N is the default and cannot be changed.

***REPETITIVE <Y/N>.*** Type in **Y** to select Repetitive Production Management (REP) transactions to print on the Transaction Edit List. Type in **N** if you do not want to include REP transactions in this selection. This option is available only if REP is installed. Y is the default unless the category has been secured and the user has not been authorized. In this case, N is the default and cannot be changed. This field must contain a Y in order to clear selections in this category when ***EDIT OPTION*** is 3.

***PHYSICAL INV <Y/N>.*** Type in **Y** to select IM physical inventory transactions for final processing and to print them on the Transaction Edit List. Type in **N** if you do not want to include these transactions in this selection. This option is available only if IM is tailored for physical inventory support. Y is the default unless the category has been secured and the user has not been authorized. In this case, N is the default and cannot be changed. This field must contain a Y in order to clear selections in this category when ***EDIT OPTION*** is 3.

***EDIT ONLY<Y/N>.*** If you want to print only the Transaction Edit Report and, optionally, the transaction logs, type in **Y**. Accept the default of N to continue with the prepared transactions job. You should type in **Y** only if you want a preliminary edit from which you will make transaction corrections before running Select and Edit transactions again.

***COMBINE REPORTS<Y/N>.*** Type in **Y** if you want all transaction categories combined on one Transaction Edit List report (AMJCLRP). Type in **N** if you want each category to print on a separate report. The default if Y.

***REPORT SEQUENCE<1/2>.*** You can print the Transaction Edit Report and Labor Transaction Preview in employee number or home department sequence. If you select department sequence, the Transaction Edit Report skips to a new page at the beginning of each department. Department sequence is the default if PC&C is interfaced. Employee sequence is the default if PC&C is not interfaced.

***TRANSACTION LOG<Y/N>.*** You can print the transaction log by controller, by data entry station, and/or by employee. Type in **Y** or **N** for each format. The default for each is N.

# Option 3. Prepare Transactions (AMJM30)

Use this option to pass the Payroll transactions to Payroll, pass the Physical Inventory transactions to Inventory Management, or prepare your other transactions for backup.

You can select a company, a range of departments, or a range of warehouses. The company and department criteria are useful in managing attendance and labor transactions passed to Payroll. The warehouse criteria can help in managing inventory transactions.

**Note:** Because the Select and Edit option can accumulate no more than seven dates for processing, you should use the Prepare Transactions option at least once a week. It is recommended that you run this option every day.

**What information you need:**

- Categories you want to prepare
- The company, department, or warehouse numbers you want to use
- If labor is selected:
  - The current accounting period
  - Up to seven transaction dates found during transaction selection with information for each as follows:
    - Payroll day number
    - Payroll cycle number
    - Payroll pay rate.

**What reports are printed:** Transaction Preparation Totals (AMJCQ)

**What forms you need:** None.

The steps for preparing transactions follow the displays.

# AMJCI3—Prepare Transaction Categories

Use this display to select the categories to prepare the transactions for final processing.

This display appears when you select option 3 on the Transaction Processing menu (AMJM30). It lists the same five categories transactions are grouped under during the Select and Edit process. You will see all categories, but you can access only those for which you have clearance. If you are authorized to a category and you have selected at least one transaction in that category, the default for that category is Y.

```
DATE **/**/**           PREPARE TRANSACTION CATEGORIES              AMJCI3   **

   SELECT CATEGORIES TO PREPARE:
                            LABOR <Y,N>         A
                            INVENTORY <Y,N>     A
                            USER <Y,N>          A
                            REPETITIVE <Y,N>    A
                            PHYSICAL INV <Y,N>  A


                                COMPANY nn  DEPARTMENT FROM nnnn TO nnnn
                                            WAREHOUSE  FROM  nnn TO  nnn




                                                       F24 CANCEL THE JOB
```

## What to do

- To select the categories to be prepared, type in the information and press **Enter**. If there are no errors, and if you typed **Y** in the Labor category and Payroll is active, display AMJCI2 appears. Otherwise, the job is submitted and menu AMJM30 appears.
- To cancel the job, use **F2**4. Go to the Transaction Processing menu (AMJM30).

## Function keys

F24 CANCEL THE JOB cancels the job and causes the Transaction Processing menu (AMJM30) to appear again.

## Fields

***LABOR <Y/N>.*** Type in **Y** to select the labor category for final processing. Type in **N** if you do not want to include the labor category to be prepared.

***INVENTORY <Y/N>.*** Type in **Y** to select the inventory category for final processing. Type in **N** if you do not want to include the inventory category to be prepared in this selection.

***USER <Y/N>.*** Type in **Y** to select user categories for final processing. Type in **N** if you do not want to include user transactions in this processing.

***REPETITIVE <Y/N>.*** Type in **Y** to select Repetitive Production Management (REP) transactions for final processing. Type in **N** if you do not want to include REP transactions in this selection. This option is available only if REP is installed.

***PHYSICAL INV <Y/N>.*** Type in **Y** to select IM physical inventory transactions for final processing and to print them on the Physical Inventory Edit List. Type in **N** if you do not want to include these transactions in this selection. This option is available only if IM is tailored for physical inventory support.

If IM is interfacing and your response to Physical Inventory is Y, a batch of physical inventory transactions is created for IM to process.

***COMPANY.*** Type in the company number whose transactions you want to use.

***DEPARTMENT FROM/TO.*** Type in the beginning and ending department numbers you want to use.

***WAREHOUSE FROM/TO.*** Type in the beginning and ending warehouse numbers you want to use.

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# AMJCI2—Prepare Transactions

Use this display to specify the options for preparing transactions for the Payroll application. After you select the transactions for final processing, the transaction preparation totals are scheduled for printing.

This display appears when the system is tailored to create Payroll batches and you selected the Labor transactions to be prepared on the previous display (AMJCI3). If Payroll is interfacing, a suspended Payroll batch will be created. If Payroll is not interfacing, a file PMCPRT will be created for you to use as you wish. You should process this PMCPRT file before you run Prepare for labor again.

```
DATE **/**/**              PREPARE TRANSACTIONS                AMJCI2  **

   CREATE BALANCING RECORDS<Y/N>    A
   CURRENT ACCOUNTING PERIOD<01-13> nn


                 ----------- PAYROLL ------------
                   DATE     DAY NO.  CYCLE   PAY
                            <01-99>  <1-9>   RATE
                 **/**/**     nn       n      A2
                 **/**/**     nn       n      A2
                 **/**/**     nn       n      A2
                 **/**/**     nn       n      A2
                 **/**/**     nn       n      A2
                 **/**/**     nn       n      A2
                 **/**/**     nn       n      A2


                                                   F24 CANCEL THE JOB
```

## What to do

- To specify options, complete the fields and press **Enter**. The system edits the completed fields and the Transaction Processing menu (AMJM30) appears again.
- To cancel the job, use **F24**. Go to the Transaction Processing menu (AMJM30).

## Function keys

F24 CANCEL THE JOB cancels the job and causes the Transaction Processing menu (AMJM30) to appear again.

## Fields

***CREATE BALANCING RECORDS<Y/N>.*** Type in **Y** if you want attendance balancing records to be created for the Payroll application. Type in **N** if you do not want to create attendance balancing records. The default value shown is your response from the last time you selected this menu option.

***CURRENT ACCOUNTING PERIOD<01-13>.*** Type in the current accounting period number. If Payroll was tailored for periodic accounting, valid entries are from 01 to 13. If monthly accounting was selected, valid entries are from 01 to 12. All labor records must have the same accounting period.

***PAYROLL COLLECTION DATE.*** This field shows up to seven transaction dates found during transaction selection.

***PAYROLL DAY NO. <01-99>.*** Type in the day number (1-99) assigned to the calendar date shown.

***PAYROLL CYCLE <1-9>.*** Type in the pay cycle (1-9) in which labor records are to be processed.

***PAYROLL PAY RATE.*** If employees are to be paid at their normal rates for this day, leave this field blank. If employees are to be paid for the entire day at a special rate, type in one of the following values:

**TH** Time and a half.

**DT** Double time.

**DH** Double and a half.

**TR** Triple time.

**OT** Overtime. Employees are paid at the overtime rate specified in the Payroll employee record.

**P** Premium. Employees are paid at their regular rate plus the premium rate specified in the Payroll employee record.

# Option 4. Control Collection Auditing (AMJM30)

Use this option to indicate whether the Collection Audit Listing should be printed during the next transaction collection session.

**What information you need:** None.

**What reports are printed:** None.

**What forms you need:** None.

The steps for indicating whether the Collection Audit Listing is printed follow the display.

# AMJCO1—Control Collection Auditing (Select)

Use this display to indicate whether the Collection Audit Listing is required during the next transaction collection session.

This display appears when you select option 4 on the Transaction Processing menu (AMJM30).

```
DATE **/**/**          CONTROL COLLECTION AUDITING        SELECT      AMJCO1 **

PRINT COLLECTION AUDIT LIST <Y/N> A










                                                          F24 END OF JOB
```

## What to do

- Type **Y** in the ***PRINT COLLECTION AUDIT LIST*** field to indicate to the system that the Collection Audit Listing should be printed the next time transaction collection is stopped from CAS. Type in **N** if you do not want the listing to print. Press **Enter**. Go to the Transaction Processing menu (AMJM30).
- To end the job, use **F24**. Go to the Transaction Processing menu (AMJM30).

## Function keys

F24 END OF JOB ends the job without processing the input. The Transaction Processing menu (AMJM30) appears again.

## Fields

***PRINT COLLECTION AUDIT LIST <Y/N>.*** Type in **Y** if you want the Collection Audit Listing to print for the next transaction collection session. Type in **N** if you do not want the listing to print. The default value shown is your response from the last time you selected this menu option.

# Option 5. Print Transaction Registers (AMJM30)

Use this option to print the transaction registers for Inventory Management and Repetitive Production Management transactions entered through PM&C.

**Note:** You must stop or hold the unattached jobs before running this option.

**What information you need:** None.

**What reports are printed:**

- Inventory Transaction Register (AMV3G)
- Repetitive Transaction Registers (AMQ361 and AMQ362)

**What forms you need:** None.

No displays appear with this option.

**Note:** You can also print transaction registers outside this menu, using the automated job submission function. Refer to Appendix C “Automated job submission for PM&C” for more information.

# Chapter 6. Administration

When you select option 4 on the Production Monitoring and Control Main Menu (AMJM00), the Administration menu (AMJM40) appears. This menu has 6 options to track employee absence, issue regular and temporary badges for employees, and create user profiles for data collection.



```
AMJM40                 Production Monitoring and Control              **********
                                 Administration

Type option or command; press Enter.

     1. Absence Entry and Approval
     2. Employee Absence List
     3. Print Employee Badges
     4. Assign Temporary Badges
     5. Temporary Badge List
     6. Create Data Collection User Profile

 ________________________________________________________________________

F3=Exit          F4=Prompt     F9=Retrieve     F10=Actions
F11=Job status   F12=Return    F22=Messages
```

**Option 1. Absence Entry and Approval**. Use this option to enter employee absence, leave request, or late arrival information, and to indicate management approval or rejection of the absence.

**Option 2. Employee Absence List**. Use this option to print a report showing employee absence.

**Option 3. Print Employee Badges**. Use this option to print specified badges.

**Option 4. Assign Temporary Badges**. Use this option to print badges with temporary numbers and expiration dates.

**Option 5. Temporary Badge List**. Use this option to print a list of unexpired temporary badges.

**Option 6. Create Data Collection User Profile**. Use this option to create user profiles for your data collection work stations. Because this option issues a Create User Profile (CRTUSRPRF) command, only the security officer can use it.

## Option 1. Absence Entry and Approval (AMJM40)

Use this option to enter absence, leave request, or late arrival information for an employee.

**What information you need:** The number for each employee whose absence information you want to record.

**What report is printed:** Absence Entry and Approval Register (AMJDB)

**What forms you need:** None.

The steps for working with absence data are listed under each display.

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# AMJDB1—Absence Entry and Approval (Select)

Use this display to identify the employee for whom you want to record absence, leave request, or late arrival information.

This display appears when you select option 1 on the Administration menu (AMJM40).

```
DATE **/**/**          ABSENCE ENTRY AND APPROVAL      SELECT    AMJDB1    **
  EMPLOYEE aaaA5










                                                       F24 DISPLAY STATUS
```

## What to do

- To add absence information for an employee, type in the employee number and press **Enter**. Go to the Absence Entry and Approval (Select) display (AMJDB2).
- To view the session status, use **F24**. Go to the Absence Entry and Approval (Status) display (AMJDB5).

## Function keys

F24 DISPLAY STATUS causes the Absence Entry and Approval (Status) display (AMJDB5) to appear.

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***EMPLOYEE [?].*** Type in the employee number.

## AMJDB2—Absence Entry and Approval (Select)

Use this display to indicate whether you want to add, change, or delete absence information for an employee. The display shows general information and lists all absence, leave request, and late arrival information for the employee.

Use action codes to change or delete information, and **F02** to add information.

This display appears when you enter an employee number on the Absence Entry and Approval (Select) display (AMJDB1).

```
 DATE **/**/**          ABSENCE ENTRY AND APPROVAL          SELECT     AMJDB2   **

 EMPLOYEE aaaA5    NAME *************************    OCCUPATION **********
 HIRE  **/**/**    SHIFT *  SCHEDULE ***  DEPT ****  CREW ***   FAC ID *****

C-CHANGE    AC                                       START              END
D-DELETE  (A/L/V)  TYPE  ST  DESCRIPTION     DATE     TIME     DATE     TIME
  A          *       *    *  **********    **/**/**   **:**  **/**/**   **:**





                                                        USE ROLL UP/DOWN
                                                        F02 ADD NEW RECORD
                                                        F19 RETURN TO SELECT
                                                        F24 DISPLAY STATUS
```

### What to do

- To change existing absence information, type **C** in the Action field next to the record you wish to change and press **Enter**. The Absence Entry and Approval (Change) display (AMJDB3) appears. Type the information you need to change in the appropriate fields and press **Enter**. One or more of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If no errors are found, return to the Absence Entry and Approval (Select) display (AMJDB1).

- To add employee absence information, use **F02**. The Absence Entry and Approval (Add) display (AMJDB3) appears. Do one of the following:
  - To add a new absence record, type in the information you need and press **Enter**. One of the following occurs:
    - If errors are found, the same display appears again with the incorrect fields highlighted. Correct the errors. Press **Enter** and return to the AMJDB1 display.
    - If warning messages are issued, correct the problem or use **F17** to override the messages. Press **Enter** and return to the AMJDB1 display.
    - If no errors are found, you are returned to the AMJDB1 display
  - To cancel any information typed on the display (before you press **Enter** and return to the Select display) use **F19**. Go back to the AMJDB1 display.
  - To display the session status, use **F24**.
- To delete existing absence information, type **D** in the ***Action*** field next to the record you wish to change and press **Enter.** The Absence Entry and Approval (Delete) display (AMJDB4) appears. Do one of the following:
  - Press **Enter** to delete the absence record.
  - To retain the absence record shown on the display and return to the Select display, use **F19**.
  - To display the session status, use **F24**.
- To cancel any information typed on the display and return to the previous display, use **F19**. Go to the Absence Entry and Approval (Select) display (AMJDB1).
- To display the session status, use **F24**. Go to the Absence Entry and Approval (Status) display (AMJDB5).

## Function keys

USE ROLL UP/DOWN shows the next or previous group of absence information for this employee. If the last group has already been shown, the first group appears again.

F02 ADD NEW RECORD causes the Absence Entry and Approval (Add) display (AMJDB3) to appear.

F19 RETURN TO SELECT causes the Absence Entry and Approval (Select) display (AMJDB1) to appear again.

F24 DISPLAY STATUS causes the Absence Entry and Approval (Status) display (AMJDB5) to appear.

## Fields

***EMPLOYEE.*** The employee number that you selected.

***NAME.*** The name of the employee.

***OCCUPATION.*** The occupation of the employee.

***HIRE.*** The employee’s date of hire.

***SHIFT.*** The shift to which the employee is assigned.

***SCHEDULE.*** The schedule number assigned to the employee.

***DEPT.*** The employee's home department.

***CREW.*** The ID of the work crew, if any, to which the employee is assigned.

***FAC ID.*** The employee's home facility.

The following fields appear for existing absence records:

***C-CHANGE***
***D-DELETE.*** Type in C to change information or D to delete information.

***AC (A/L/V).*** The absence code:

**A** Absent
**L** Late
**V** Vacation

***TYPE.*** The user-defined code that further identifies the type of absence requested.

***ST.*** A code identifying the status of the request:

**A** Approved
**R** Requested but not yet approved
**X** Rejected

***DESCRIPTION.*** A description of the type of absence listed.

***START DATE***
***START TIME.*** The start date and time of the absence.

***END DATE***
***END TIME.*** The ending date and time of the absence.

# AMJDB3—Absence Entry and Approval (Add/Change)

Use this display to change existing employee absence information, or to add new absence information records. The display shows information about the employee and lists all absence, leave requests, and late arrival information.

This display appears either when you use **F02** or type **C** for change next to existing absence records on the Absence Entry and Approval (Select) display (AMJDB2). In Add mode, you can enter more than one record.

```
DATE **/**/**         ABSENCE ENTRY AND APPROVAL          ******     AMJDB3   **

EMPLOYEE *****    NAME *************************    OCCUPATION **********
HIRE   **/**/**   SHIFT *  SCHEDULE ***  DEPT ****  CREW ***  FAC ID *****

           AC                                 START                END
         (A/L/V)   TYPE  ST  DESCRIPTION    DATE      TIME      DATE      TIME
            A        A    A  aaaaaaaA10   nnnnnn      nnnn    nnnnnn      nnnn








                                                        USE ROLL UP/DOWN
                                                        F17 OVERRIDE WARNING
                                                        F19 RETURN TO SELECT
                                                        F24 DISPLAY STATUS
```

## What to do

- To add a new absence record, type in the information you need. Press **Enter**. One of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted. Correct the errors. Press **Enter**. Go to the Absence Entry and Approval (Select) display (AMJDB1).
  - If warning messages are issued, correct the problem or use **F17** to override the messages. Press **Enter**. Go to the Absence Entry and Approval (Select) display (AMJDB1).
- To cancel any information typed on the display (before you have pressed Enter) and return to the Select display, use **F19**. Go to the Absence Entry and Approval (Select) display (AMJDB2).
- To display the session status, use **F24**. Go to the Absence Entry and Approval (Status) display (AMJDB5).
- To delete existing absence information, type **D** in the ***Action*** field next to the record you wish to change and press **Enter**. The Absence Entry and Approval (Delete) display (AMJDB4) appears.

## Function keys

USE ROLL UP/DOWN shows the next or previous group of absence information for this employee. If the last group has already been shown, the first group appears again.

F17 OVERRIDE WARNING overrides a warning message.

F19 RETURN TO SELECT causes the Absence Entry and Approval (Select) display (AMJDB2) to appear again. No records are added or changed.

F24 DISPLAY STATUS causes the Absence Entry and Approval (Status) display (AMJDB5) to appear.

## Fields

***EMPLOYEE.*** The employee number that you selected.

***NAME.*** The name of the employee.

***OCCUPATION.*** The occupation of the employee.

***HIRE.*** The employee's date of hire.

***SHIFT.*** The shift to which the employee is assigned.

***SCHEDULE.*** The schedule number assigned to the employee.

***DEPT.*** The employee's home department.

***CREW.*** The ID of the work crew, if any, to which the employee is assigned

***FAC ID.*** The employee's home facility.

You can enter the following fields to create a new absence record:

***AC (A/L/V).*** The absence code:

| | |
|---|---|
| **A** | Absent |
| **L** | Late |
| **V** | Vacation |

***TYPE.*** The user-defined code that further identifies the type of absence requested.

***ST.*** A code identifying the status of the request:

| | |
|---|---|
| **A** | Approved |
| **R** | Requested but not approved |
| **X** | Rejected |

***DESCRIPTION.*** The description of the type of absence requested.

***START DATE***
***START TIME.*** The start date and time of the requested absence.

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***END DATE***
***END TIME.*** The ending date and time of the requested absence.

# AMJDB4—Absence Entry and Approval (Delete)

Use this display to delete employee absence records. The display shows information about the employee and lists all absence, leave requests, and late arrival information.

This display appears when you enter **D** for delete next to an existing absence record on the Absence Entry and Approval (Select) display (AMJDB2).

```
DATE **/**/**        ABSENCE ENTRY AND APPROVAL         DELETE     AMJDB4   **

EMPLOYEE *****    NAME *************************    OCCUPATION **********
HIRE  **/**/**    SHIFT *  SCHEDULE ***  DEPT ****  CREW ***  FAC ID *****

           AC                                   START                END
         (A/L/V)  TYPE  ST  DESCRIPTION     DATE      TIME      DATE      TIME
            *       *    *   **********   **/**/**   **:**   **/**/**   **:**










                   P R E S S   E N T E R   T O   D E L E T E

                                                    USE ROLL UP/DOWN
                                                    F19 RETURN TO SELECT
                                                    F24 DISPLAY STATUS
```

## What to do

- Press **Enter** to delete the absence record. Go to the Absence Entry and Approval (Select) display (AMJDB1).
- To retain the absence record shown on the display and return to the Select display, use **F19**. Go to the Absence Entry and Approval (Select) display (AMJDB1).
- To display the session status, use **F24**. Go to the Absence Entry and Approval (Status) display (AMJDB5).

## Function keys

USE ROLL UP/DOWN shows the next or previous group of absence information for this employee. If the last group has already been shown, the first group appears again.

F19 RETURN TO SELECT causes the Absence Entry and Approval (Select) display (AMJDB1) to appear again. No records are deleted.

F24 DISPLAY STATUS causes the Absence Entry and Approval (Status) display (AMJDB5) to appear.

## Fields

***EMPLOYEE.*** The employee number that you selected.

***NAME.*** The name of the employee.

***OCCUPATION.*** The occupation of the employee.

***HIRE.*** The employee's date of hire.

***SHIFT.*** The shift to which the employee is assigned.

***SCHEDULE.*** The schedule number assigned to the employee.

***DEPT.*** The employee's home department.

***CREW.*** The ID of the work crew, if any, to which the employee is assigned

***FAC ID.*** The employee's home facility.

You can enter the following fields to create a new absence record:

***AC (A/L/V).*** The absence code:

| | |
|---|---|
| **A** | Absent |
| **L** | Late |
| **V** | Vacation |

***TYPE.*** The user-defined code that further identifies the type of absence requested.

***ST.*** A code identifying the status of the request:

| | |
|---|---|
| **A** | Approved |
| **R** | Requested but not approved |
| **X** | Rejected |

***DESCRIPTION.*** The description of the type of absence requested.

***START DATE***
***START TIME.*** The start date and time of the requested absence.

***END DATE***
***END TIME.*** The ending date and time of the requested absence.

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# AMJDB5—Absence Entry and Approval (Status)

Use this display to view information about activity during the current Administration session. The fields on this display are informational.

This display appears when you use **F24** on the Absence Entry and Approval displays where it is available.

```
DATE **/**/**         ABSENCE ENTRY AND APPROVAL         STATUS     AMJDB5   **

                                             EMPLOYEE
                                              ABSENCE
                    SESSION STATUS          DATA FILE

                    RECORDS ADDED          *******
                    RECORDS CHANGED        *******
                    RECORDS DELETED        *******
                    MAINTENANCE NUMBER         ***








                                                      F24 END OF JOB
```

## What to do

- To return to the display from which you requested session status, press **Enter**.
- To end the session, use **F24**. The application schedules the Absence Entry and Approval Register (AMJDB) for printing.

## Function keys

F24 END OF JOB ends the job and causes the Absence Entry and Approval Edit List to be scheduled for printing.

## Fields

***SESSION STATUS.*** The number of records maintained in the Employee Absence Master file during this session.

> ***RECORDS ADDED***: The number of records added during the Administration session.
>
> ***RECORDS CHANGED***: The number of records changed during the Administration session.
>
> ***RECORDS DELETED***: The number of records deleted during the Administration session.

***MAINTENANCE NUMBER***: The system-assigned batch number associated with the Administration session (for audit trails).

## Option 2. Employee Absence List (AMJM40)

Use this option to print a report of all or some of the employee absence information.

**What information you need:**

- The numbers of the employees you want to include in the report
- The range of dates for which you want to print the report
- The type of absence information you want to include on the report
- Whether you want to delete existing absence information, and the date prior to which you want the information deleted.

**What reports are printed:** Employee Absence List (AMJDC)

**What forms are needed:** None.

The steps for printing an absence list are listed below the display.

# AMJDC1—Employee Absence List Options (Select)

Use this display to select parameters for the Employee Absence List. All the fields on this display are optional. If you leave all fields blank, the Employee Absence List that prints contains all absence information for all employees.

This display appears when you select option 2 on the PM&C Administration menu (AMJM40).

To specify a range of employee numbers, absence information dates, and/or a specific type of absence information to be shown, type the appropriate values in the following fields.

```
DATE **/**/**         EMPLOYEE ABSENCE LIST OPTIONS       SELECT     AMJDC1   **

FROM EMPLOYEE nnnnn
TO EMPLOYEE   nnnnn

FROM DATE     nnnnnn
TO DATE       nnnnnn

INCLUDE       n
1-ABSENT EMPLOYEES
2-LATE EMPLOYEES
3-EMPLOYEES ON VACATION
4-ALL EMPLOYEES

DELETE REQUESTS ENDING ON / PRIOR TO nnnnnn





                                                       F24 CANCEL JOB
```

## What to do

- To specify the information you want to include in the absence list, complete the appropriate fields and press **Enter**. Go to the PM&C Administration menu (AMJM40).
- To delete requests ending on or prior to a specific date, complete the ***DELETE ABSENCE INFORMATION ENDING ON / PRIOR TO*** field or leave it blank to delete no information, and press **Enter**. Go to the PM&C Administration menu (AMJM40).
- To end the session without printing the report, use **F24**. Go to the PM&C Administration menu (AMJM40).

## Function keys

F24 CANCEL JOB cancels the job and causes the PM&C Administration menu (AMJM40) to appear again. No list is printed and no absence information is deleted.

## Fields

***FROM EMPLOYEE.*** The beginning number of a range of employee numbers. If you leave this field blank, there is no low limit, and the list begins at the lowest employee number.

***TO EMPLOYEE.*** The ending number of a range of employee numbers. If you leave this field blank, there is no high limit and the list ends at the highest employee number.

***FROM DATE.*** The beginning date of the range of absence information that you want included in this list.

***TO DATE.*** The ending date of the range of absence information dates that you want included in this list.

The list includes absence information that overlaps the period of time that you specify. Information that ends prior to the ***FROM DATE*** or that begins after the ***TO DATE*** is not included in the list.

***INCLUDE.*** The code for the type of absence information that you want included in this list. Valid values are:

**1** Employees who are on leave
**2** Employees who are late
**3** Employees who are on vacation
**4** All employee absence information

***DELETE REQUESTS ENDING ON/PRIOR TO.*** If you want to delete absence information with an ending date prior to a specified date, type that date in this field. Only absence information that appears on the list (as specified by the above ranges) is deleted. If no date is specified, no absence information is deleted.

# Option 3. Print Employee Badges (AMJM40)

Use this option to print badges for one or more employees.

**What information you need:** The number assigned to any employee for whom you want to print badges.

**What reports are printed:** None.

**What forms you need:** None.

The steps for printing badges are listed below the display.

# AMJDE1—Print Employee Badges (Select)

Use this display to print badges for one or more employees. You can submit the print job to the job queue or print the badges interactively.

This display appears when you select option 3 on the Administration menu (AMJM40).

When you press **Enter** from this display, the badges are either scheduled for printing or printed interactively, depending on your selection in the ***SUBMIT JOB*** field.

```
 DATE **/**/**                PRINT EMPLOYEE BADGES        SELECT     AMJDE1   **

   FROM EMPLOYEE nnnnn
     TO EMPLOYEE nnnnn

SUBMIT JOB <Y/N> A





                                                      F24 CANCEL JOB
```

## What to do

- To print badges for
  - A single employee, type that employee's number in the ***FROM EMPLOYEE*** field and leave the ***TO EMPLOYEE*** field blank.
  - A range of employees, type in the beginning and ending employee numbers of the range.
  - All employees, leave both fields blank.
- Type **Y** in the ***SUBMIT JOB*** field to send the print job to the job queue or **N** to print the job interactively. Press **Enter**. Go to the PM&C Administration menu (AMJM40).
- To end the session without printing badges, use **F24**. Go to the PM&C Administration menu (AMJM40).

## Function keys

F24 CANCEL JOB causes the job to be canceled. No badges are printed and go to the PM&C Administration menu (AMJM40).

## Fields

***FROM EMPLOYEE.*** If you want to print a badge for one employee, type that employee’s number in this field. If you want to print badges for all employees, leave this field blank. If you want to print badges for a range of employee numbers, type in the beginning number of the range.

***TO EMPLOYEE.*** If you want to print a badge for one employee, or all employees, leave this field blank. If you want to print badges for a range of employee numbers, type in the ending number of the range.

***SUBMIT JOB <Y/N>.*** To submit a large number of badges to the job queue, type in **Y**. To print a few badges interactively, type in **N**. Y is the default.

# Option 4. Assign Temporary Badges (AMJM40)

Use this option to assign and print a badge with a temporary number and an expiration date.

**What information you need:**

- The employee numbers to which you want to assign temporary badges
- The expiration date for the temporary badges.

**What reports are printed:** None.

**What forms you need:** None.

The steps for creating temporary badges are listed below the displays.

# AMJDG1—Assign Temporary Badges (Select)

Use this option to specify an employee to whom you want to assign and print a badge with a temporary number and an expiration date.

This display appears when you select option 4 on the Administration menu (AMJM40).

```
DATE **/**/**              ASSIGN TEMPORARY BADGES       SELECT     AMJDG1   **

  EMPLOYEE aaaA5




           BADGE NUMBER ******* ASSIGNED











                                                    F24 END OF JOB
```

## What to do

- To assign a temporary badge to an employee, type in the employee number and press **Enter**. Go to the Assign Temporary Badges display (AMJDG2).
- To end the session, use **F24**. Go to the PM&C Administration menu (AMJM40).

## Function keys

F24 END OF JOB ends the job and causes the PM&C Administration menu (AMJM40) to appear again.

## Fields

[?] appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***EMPLOYEE [?].*** Type in the employee number for the employee for whom you want to print a temporary badge.

***BADGE NUMBER ******* ASSIGNED.*** If you have just assigned a temporary badge from display AMJDG2, this field shows you the number so that you can confirm the assignment.

## AMJDG2—Assign Temporary Badges

Use this display to assign a temporary badge for the employee you specify.

This display appears when you enter an employee number on the Assign Temporary Badges (Select) display (AMJDG1).

```
DATE **/**/**              ASSIGN TEMPORARY BADGES                   AMJDG2   **
  EMPLOYEE *****       NAME *************************


          NEW BADGE EXPIRES nn/nn/nn






                                                  F19 RETURN TO SELECT
                                                  F24 END OF JOB
```

### What to do

- If the employee does not have an existing temporary badge, type the date on which you want the badge to expire in the ***NEW BADGE EXPIRES*** field. The default expiration day is one day after the current date. Press **Enter**. One of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If no errors are found, you are returned to the Assign Temporary Badges (Select) display (AMJDG1).
- If the employee has an existing temporary badge, the number is shown in the ***EXISTING TEMPORARY BADGE*** field, and the date of expiration is shown in the ***EXPIRES*** field. To assign a new expiration date to the temporary badge, type the date on which you want the badge to expire in the ***NEW EXPIRATION DATE*** field. The default expiration is the greater of the following:
  - The existing expiration date
  - One day in advance of the current date.
- Press **Enter**. One of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If no errors are found, you are returned to the AMJDG1 display.
- To cancel any information typed on the display and return to the previous display, use **F19**. Go to the Assign Temporary Badges (Select) display (AMJDG1).

- To end the session, use **F24**. Go to the PM&C Administration menu (AMJM40).

## Function keys

F19 RETURN TO SELECT causes the Assign Temporary Badges (Select) display (AMJDG1) to appear again.

F24 END OF JOB ends the job, causes the PM&C Administration menu (AMJM40) to appear again, and schedules the temporary badges you assigned for printing.

## Fields

***EMPLOYEE.*** The employee number that you selected.

***NAME.*** The name of the employee that you selected.

***NEW BADGE EXPIRES.*** This field appears only if this employee does not already have an unexpired temporary badge. The default expiration date is one day in advance of the current date.

You can override the default date by entering the date on which you want the temporary badge to expire.

***EXISTING TEMPORARY BADGE.*** This field appears only if this employee already has an unexpired temporary badge, and shows its badge number.

***EXPIRES.*** This field appears only if the employee already has an unexpired temporary badge, and shows its current expiration date.

***NEW EXPIRATION DATE.*** This field appears only if the employee already has an unexpired temporary badge, and shows its new expiration date. The default for this field is the greater of the following:

- The existing expiration date.
- One day in advance of the current date.

You can override the default date by typing in another date on which you want the temporary badge to expire.

# Option 5. Temporary Badge List (AMJM40)

Use this option to print a list of the temporary badges that have been assigned.

**What information you need:** Whether you want to delete temporary badges and the expiration date prior to which you want the badges deleted.

**What report is printed:** Temporary Badge List (AMJDH)

**What forms you need:** None.

The steps for printing a list of badges are listed below the display.

Contents | Index

# AMJDH1—List Temporary Badges (Select)

Use this display to schedule the Temporary Badge List for printing.

This display appears when you select option 5 on the PM&C Administration menu (AMJM40).

```
DATE **/**/**          LIST TEMPORARY BADGES             SELECT     AMJDH1   **

DELETE BADGES EXPIRING ON / PRIOR TO nnnnnn









                                                    F24 CANCEL JOB
```

## What to do

- To delete badges from the list that expire on or prior to a specific date, complete the ***DELETE BADGES EXPIRING ON / PRIOR TO*** field. If you do not want to delete badges from the list, leave the field blank.
- To print the report, press **Enter**.
- To return to the PM&C Administration menu (AMJM40), use **F24**.
- To end the session without printing the report, use **F24** before pressing **Enter**.

## Function keys

F24 CANCEL JOB ends the job and causes the PM&C Administration menu (AMJM40) to appear again. No list is printed, and no badges are deleted if you use **F24** before pressing **Enter**.

## Fields

***DELETE BADGES EXPIRING ON / PRIOR TO.*** If you want to delete temporary badges that have an expiration date on or prior to a specified date, type in that date. Any temporary badges eligible for deletion that have transactions in the transaction data file will not be deleted. If you leave this field blank, no badges are deleted.

# Option 6. Create Data Collection User Profile (AMJM40)

**Note:** Only the security officer (signed on using the QSECOFR user profile) can use this option.

Use this option to create a profile for a data collection work station for a new shop floor configuration, or to add a profile for your existing configuration.

**What information you need:** The user profile identifier and password you are assigning to the data collection work station you are adding.

**What reports are printed:** None.

**What forms you need:** None.

The steps for creating a profile are listed below the display.

# AMJDJ1—Create Data Collection User Profile (Enter)

Use this display only if you are the security officer (signed on using the QSECOFR user profile) to do one of the following tasks:

- Create initial user profiles for data collection work stations when preparing to start using PM&C for the first time
- Create additional data collection user profiles for your shop floor configuration.

**Note:** If you are using XA security, use option 2 on the Cross Application Support Security Maintenance menu (AMZM38) to grant security entry in CAS for the data collection user profile(s) you created. For further information refer to the Security Maintenance chapter in the *CAS User's Guide*.

This display appears when you select option 6 on the PM&C Administration menu (AMJM40).

```
DATE **/**/**      CREATE DATA COLLECTION USER PROFILE    ENTER      AMJDJ1  **

                      USER PROFILE ID   aaaaaaaA10

                      PASSWORD          aaaaaaaA10




                                                       F24 END OF JOB
```

## What to do

- To create a user profile, type in the profile identifier and password, and press **Enter**. To return to the PM&C Administration menu (AMJM40), use **F24**.
- To end the job, use **F24**. Go to the PM&C Administration menu (AMJM40).

## Function keys

F24 END OF JOB causes the PM&C Administration menu (AMJM40) to appear.

## Fields

***USER PROFILE ID.*** Type in the identifier you want to assign to the data collection work station. You might use an identifier such as PS2T1 to reflect the environment the personal computer will use, where T represents the program library suffix, and 1 represents the file library suffix.

***PASSWORD.*** Type in the password you want to assign to the data collection work station.

The passwords for the profiles you create will expire according to the default value set for Password Expiration Interval. Password Expiration Interval is a part of System i password security and determines how often users must change their passwords. To avoid having passwords expire on data collection work stations that sign on automatically using the Data Collection User Profile, use the OS/400 Change User Profile command to set the Password Expiration Interval to *NOMAX for the individual profile.

# Chapter 7. File Maintenance

When you select option 5 on the Production Monitoring and Control Main Menu (AMJM00), the File Maintenance menu (AMJM50) appears. This menu has 8 options to add, change, or delete information in your master files.

**Note:** Options 1 and 4 are not available if the Inventory Management application is not interfacing; options 2 and 3 are not available if the Production Control and Costing application is not interfacing, and option 5 is not available if EPDM is activated.



```
AMJM50                 Production Monitoring and Control             **********
                                File Maintenance

Type option or command; press Enter.

     1. Mfg Order Master
     2. Mfg Order Operation Detail
     3. Mfg Order Miscellaneous Detail
     4. Mfg Order Detail
     5. Production Facility
     6. Employee Master
     7. Work Schedule
     8. Control File

 ________________________________________________________________________

F3=Exit          F4=Prompt     F9=Retrieve    F10=Actions
F11=Job status   F12=Return    F22=Messages
```

**Option 1. Mfg Order Master**. Use this option to change, cancel, or reactivate manufacturing orders in the Manufacturing Order Master file.

**Option 2. Mfg Order Operation Detail**. Use this option to add, change, or delete operations or operation descriptions in the Manufacturing Order Operation Detail Master file and the Open Operations Additional Descriptions file.

**Option 3. Mfg Order Miscellaneous Detail**. Use this option to add, change, or delete miscellaneous charges in the Manufacturing Order Miscellaneous Detail Master file.

**Option 4. Mfg Order Detail.** Use this option to add, change, or delete component allocations in the Manufacturing Order Detail file.

**Option 5. Production Facility**. Use this option to add, change, or delete production facilities, change cost rate percentages, and maintain variable capacity information in the Production Facility file.

When EPDM is activated, file maintenance to this file must be done from EPDM.

**Option 6. Employee Master**. Use this option to change employee information in the Employee Master file if Payroll is installed. If Payroll is not installed, use this option to add, change, or delete employee information.

**Option 7. Work Schedule**. Use this option to add, change, or delete employee work schedules in the Work Schedule Master file.

**Option 8. Control File**. Use this option to select tailoring options that allow you to control how PM&C handles certain functions. This is in addition to those options selected at install/tailor.

# Option 1. Mfg Order Master (AMJM50)

Use this option to change, cancel, or reactivate a manufacturing order already in the Manufacturing Order Master file.

- If MPSP is installed and interfacing, there may be changes pending for a manufacturing order as a result of order maintenance in MPSP. Any changes made by MPSP to the deviation quantity, start date, or due date are automatically cleared when you select the order during Manufacturing Order Master file maintenance. If you want the new values (from MPSP) to be used by MRP and MPSP, you must enter these values when you maintain the order.
- If you cancel any orders while maintaining the Manufacturing Order Master file, be sure to select these orders for closeout and purge them from your files using the following options on the Inventory Management Order Release and Closeout menu (AMIM40):
  1. Option 5 (Order Closeout Selection)
  2. Option 6 (Order Closeout Report and Purge)

**What information you need:** None.

**What report is printed:** Manufacturing Order Master Maintenance Edit List (AMI7D)

**What forms you need:** IM-14

The steps for working with manufacturing orders follow each display.

# AMI7D1—Manufacturing Order Master File Maintenance (Select)

Use this display to choose an existing manufacturing order to be changed or corrected in the Manufacturing Order Master file.

This display appears when you choose option 5 on the IM File Maintenance menu (AMIM70) or option 1 on the PCC File Maintenace menu (AMCM70) or on the PM&C File Maintenance menu (AMJM50), when you choose **F10**, **F11**, or **F19** on display AMI7D2, or when you press **Enter** on displays AMI7D2 or AMI7D3.

```
DATE **/**/**  MANUFACTURING ORDER MASTER FILE MAINTENANCE  SELECT   AMI7D1  **


                        ORDER NUMBER aaaaaA7








                                                F24 DISPLAY STATUS
```

## What to do

To change, cancel, or reactivate a manufacturing order, type in the order number and press **Enter**. Go to display AMI7D2.

## Function keys

F24 DISPLAY STATUS causes the Manufacturing Order Master File Maintenance (Status) display (AMI7D3) to appear. Use it to review the session status, or end Manufacturing Order Master file maintenance.

## Fields

***[?]*** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***ORDER NUMBER [?].*** Required. Type in the number of the manufacturing order you want to maintain.

# AMI7D2—Manufacturing Order Master File Maintenance (Change)

Use this display to change Manufacturing Order information entered on display AMI7D1.

This display appears when you enter a valid order number and press **Enter** on display AMI7D1.

```
DATE **/**/**  MANUFACTURING ORDER MASTER FILE MAINTENANCE  CHANGE   AMI7D2  **

ORDER NUMBER *******   ITEM NUMBER ***************   WH ***  REVISION ******

  DESCRIPTION          aaaaaaaaaaaaaaaaaaaaaaaaaaaA30    ORDER STATUS **
  ENG DRAWING          aaaaaaaaaaaaA15
  ORDER QUANTITY       nnnnnnn.nnn
  QUANTITY DEVIATION   nnnnnnn.nnn      MANAGEMENT PRIORITY  A
  QUANTITY RECEIVED    nnnnnnn.nnn      DEPARTMENT           aaA4
  SCRAP QUANTITY       nnnnnnn.nnn      STOCK LOCATION       aaaaaA7
  SPLIT ORDER QTY      nnnnnnn.nnn      JOB NUMBER           aaaaaaaaaA12
                                        REFERENCE NUMBER     aaaaaaaA10
  SCHED START DATE     nnnnnn           PLANNER              nnnnn
  ACTUAL START DATE    nnnnnn           ORD ACTG CLS         aA3
  DUE DATE             nnnnnn           RESCHEDULE CODE      n
  LAST ACTIVITY DATE   nnnnnn           UNIT COST        nnnnnnnnnn.nnnnnnnn

  DATE LAST MAINTAINED  **/**/**

                                                   F10 CANCEL ORDER
                                                   F11 REACTIVATE ORDER
                                                   F18 REFRESH SCREEN
                                                   F19 RETURN TO SELECT
```

## What to do

To change the manufacturing order, type in the requested information and press **Enter** or use one of the function keys listed on the display. Go to display AMI7D1.

## Function keys

F10 CANCEL ORDER changes the Order Status from 10 to 99. This causes the order to be canceled, and the Manufacturing Order Master File Maintenance (Select) display (AMI7D1) to appear again. This function key is only valid when the Order Status is 10.

F11 REACTIVATE ORDER changes the Order Status on a previously completed order to 10 if there was no cost activity; or to 40 if there was cost activity and receipts; and the Manufacturing Order Master File Maintenance (Select) display (AMI7D1) appears again. The order is reactivated. This function key is only valid when the Order status is 45, 50, 55, or 99.

F18 REFRESH SCREEN causes display AMI7D2 to appear as it did when you first selected it.

F19 RETURN TO SELECT causes no file update to occur, and display AMI7D1 to appear again.

## Fields

***ORDER NUMBER (ORDNO).*** The number used to identify this order.

***ITEM NUMBER (FITEM).*** The number used to identify the item to be manufactured.

***WH (FITWH).*** The warehouse where the finished item is stored.

***REVISION (ITRV).*** The revision identifier associated with this parent item. This field appears only if EPDM is activated.

***DESCRIPTION (FDESC).*** Type in the description of the item to be manufactured. When printing the Inventory Transaction Register, (AMV3G), the application always uses the description contained in the Item Master file.

The following fields are optional and can be changed.

***ORDER STATUS (OSTAT).*** The Manufacturing Order Status codes.

**10** Released, but no activity reported.

**40** Order started. At least one material, outside operation, labor, machine, or miscellaneous charges reported.

**45** IM material receipt to stock is complete. PC&C has not reported the order as complete (outside operations, labor, machine, and miscellaneous charges).

**50** Labor activity (OC transaction) is complete. Material receipt is not complete.

**55** Order complete; includes all material, outside operations, labor, machine, and miscellaneous charges.

**99** Order canceled; no activity has been reported.

***ENG DRAWING (Engineering Drawing Number) (ENGNO).*** Type in the drawing number that describes the item to be manufactured.

***ORDER QUANTITY (ORQTY).*** Type in the quantity of the item to be manufactured on this order. This field can be changed only if ***ORDER STATUS*** is 10. Changing ***ORDER QUANTITY*** in this record also causes the total quantity on order for this item to be recalculated.

If you want to adjust the order quantity when ***ORDER STATUS*** is not 10, type a value in ***QUANTITY DEVIATION***. However, you can change the ***Quantity Deviation*** field to affect the total quantity open for the order by the following formula:

Quantity Open = Order Quantity - Quantity Received - Quantity Scrapped - Split Order Quantity + Deviation Quantity

If yield is applied to the order, actual scrap is not subtracted from the order quantity until it exceeds the planned order scrap.

If any part of the order has been allocated, you cannot change the Order Quantity and Quantity Deviation fields.

***QUANTITY DEVIATION (QTDEV).*** Type in the quantity by which the original order quantity changed.

If activity has been reported on the manufacturing order (order status greater than 10), the original order quantity cannot be maintained. However, a positive or negative deviation quantity can be specified. A positive deviation quantity effectively increases the open quantity of the manufacturing order end item. A negative deviation quantity effectively decreases the open quantity of the end item. Specifying a deviation quantity in the Manufacturing Order Master record of a manufacturing order whose status is 40 or 50 (activity started, but material is incomplete) correspondingly adjusts the component required quantity in the Manufacturing Order Detail records of the manufacturing order and the Item Balance file allocations for the affected components.

***MANAGEMENT PRIORITY (MPROR).*** This field overrides the priority calculated by PC&C and is used to expedite the order. The higher the number, the higher the priority. For example, 9 is higher than 0 (zero), which is higher than Z, which is higher than A, which is higher than blank.

***QUANTITY RECEIVED (QTYRC).*** Type in the total quantity of the item produced on this order and placed in stock to date.

***DEPARTMENT (DPTNO).*** Type in the department number for the item to be manufactured on this order.

***SCRAP QUANTITY (QTSCP).*** Type in the total quantity to date of the item that failed to pass inspection on this manufacturing order.

***STOCK LOCATION (FSKLC).*** Type in the code used which identifies the physical location where the finished item is to be stored in the warehouse.

***SPLIT ORDER QTY (QTSPL).*** Type in the total quantity removed from the base order quantity for split orders.

***JOB NUMBER (JOBNO).*** Type in the customer job or order number associated with this manufacturing order. Changing the job number does not break the link with the original customer order. All manufacturing order detail records are also updated with this number.

If COM is installed and interfacing with IM, a customer order number includes the company number and order type of the associated customer order.

***REFERENCE NUMBER (REFNO).*** Type in this user-defined field to relate an order to other orders.

***SCHED START DATE (SSTDT).*** Type in the date that work is planned to start on this order. You cannot change this field if PC&C is installed and tailored for backward scheduling and the order status cost is 40 or greater.

***PLANNER (PLANN).*** Type in the code identifying the person responsible for planning the replenishment strategy for this item.

***ACTUAL START DATE (ASTDT).*** Type in the date the order was actually started. You cannot change this field if PC&C is installed and tailored for backward scheduling and the order status cost is 40 or greater.

***ORD ACTG CLS (Order Accounting Class).*** Class, defined by your company, to group or classify orders for accounting purposes.

***DUE DATE (ODUDT).*** Type in the date that the order is due to be completed and the items received into stock.

***RESCHEDULE CODE.*** Type in the code used to indicate whether or not an individual manufacturing order or purchase order line item can be rescheduled automatically by the system.

**0** Default to item reschedule code. This is the default.
**1** Cannot be rescheduled automatically.
**2** Can be scheduled out.
**3** Can be scheduled in.
**4** Can be scheduled both out and in.

***UNIT COST (CSTPC).*** Type in the unit cost (from inventory) of the item to be manufactured on this order.

***LAST ACTIVITY DATE (LATDT).*** Type in the last date that activity was reported on this order.

***DATE LAST MAINTAINED (MDATE).*** The date that this record was last maintained appears.

## AMI7D3—Manufacturing Order Master File Maintenance (Status)

Use this display to review the number of records maintained in the Manufacturing Order Master file and to end the job.

This display appears when you use **F24** on display AMI7D1.

```
DATE **/**/**  MANUFACTURING ORDER MASTER FILE MAINTENANCE  STATUS   AMI7D3   **

                                          MANUFACTURING
                                              ORDER
                                             MASTER
                SESSION STATUS                FILE

                     RECORDS CHANGED        *,***,***
                     ORDERS CANCELED        *,***,***
                     ORDERS REACTIVATED     *,***,***




                                                        F24 END OF JOB
```

### What to do

- To return to display AM17D1, press **Enter**.
- To end the session, use **F24**. The Manufacturing Order Master Maintenance Edit List is scheduled for printing. Go to the File Maintenance menu (AMIM70).

## Function keys

F24 END OF JOB schedules the Manufacturing Order Master Maintenance Edit List for printing, and causes the File Maintenance menu (AMIM70) to appear again.

## Fields

All fields on this display are informational only.

***SESSION STATUS.*** The number of records maintained in the Manufacturing Order Master file during this session.

***RECORDS CHANGED***. The number of records changed during this session.

***ORDERS CANCELED***. The number of orders canceled during this session.

***ORDERS REACTIVATED***. The number of orders reactivated during this session.

## Option 2. Mfg Order Operation Detail (AMJM50)

Use this option to add a new manufacturing order operation to the Manufacturing Order Operation Detail file or to the Manufacturing Order Operation Description file. Use this option also to change or delete a manufacturing order operation already in these files. Two separate files are maintained through this option:

- The Manufacturing Order Operation Detail file
- The Manufacturing Order Operation Description file.

**What information you need:** None.

**What reports are printed:**

- Mfg Order Operation Detail—File Maintenance (AMC614)
- Mfg Order Operation Detail—File Maintenance (AMC613)
- Summary Maintenance Scheduler (AMC600)

**What forms you need:**

- Form PC-25A for detail file
- Form PC-25C for description file
- Form PC-25D for milestone group.

The steps for working with manufacturing order operations files follow each display.

## AMC610—Mfg Order Operation Detail–File Maintenance (Select)

Use this display to add, change, or delete an operation detail record for a manufacturing order.

This display appears when you select option 2 on the PC&C File Maintenance menu (AMCM70) or option 2 on the PM&C File Maintenance menu (AMJM50).

This display allows you to maintain operations detail records. You can add an operation to a manufacturing order with an existing work center ID. You can delete an operation with no activity reported against it (operation status 00 or 10). The records are then removed from the file and do not require a reorganization for another record to be added to use the new available space. You can change an operation that has not had any activity reported against it (operation status 00 or 10). Order number, operation number, and finished item number cannot be changed. There are three operation status changes possible. Most of the operation maintenance transactions call the scheduled programs. You must enter **Y** or **N** to indicate whether or not this is a rework operation. If you type in **Y**, **1** is shown on the inquiry displays for this operation. It does not affect order scheduling.

The operation status change possibilities are:

| Change Description | Current Operation Status | Entered Status |
|---|---|---|
| Inactive | 10 | 00 |
| Active | 00 | 10 |
| Reactivated | 40 or 50 | 30 |

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```
DATE **/**/**          MFG ORDER OPERATION DETAIL           SELECT   AMC610   **
                            FILE MAINTENANCE

ORDER NUMBER-   aaaaaA7          OPERATION NUMBER  aaA4     STATUS- A2
FINISHED ITEM- ***************   ACTION CODE        A        MILESTONE  A
REVISION        ******


-------------------------------------------------------------------------------

     OPERATION DESCRIPTION      aaaaaaaaaaaaaaaaaA20

     STD SETUP LABOR TIME         nnn.nn      FACILITY ID       aaaA5
     STD LABOR TIME/UNIT        nnnnn.nn      SETUP CREW SIZE   nn
     STD MACHINE TIME/UNIT      nnnnn.nn      TIME BASIS CODE   A
     MOVE TIME IN DAYS             nn.nn      CURRENT YIELD     n.nnn
     TOOL                       aaaaA6        REWORK <Y/N>      A
     PROCESS SHEET NO           aaaaA6        PN FAC ACTG CLS   aA3
     OUTSIDE COST         nnnnnnnnnnn.nnnnnnnn
     DATE LAST MAINTAINED       **/**/**
                                                  F11 ADDL DESCRIPTION
                                                  F12 MILESTONE MAINT
                                                  F17 ACCEPT WITH WARNING
                                                  F19 RETURN TO SELECT
                                                  F24 DISPLAY STATUS
```

## What to do

- To add a record to the Mfg Order Operation Detail file, do one of the following:
  - Type **A** in the ***ACTION CODE*** field. Press **Enter** twice. The record is added to the file.

    Note: You can do this only if the operation status is less than 30.
  - To add a milestone group to the file, use **F12**. Go to display AMC616.
  - To end this session, or to review the status of the file, use **F24**. Go to display AMC611.
  - To cancel this session, use **F19**.
- To change or delete a record in the Mfg Order Operation Detail file, do one of the following:
  - Type **C** or **D** in the ***ACTION CODE*** field. Press **Enter**. Go to display AMC610.
  - To change or delete a milestone group, use **F12**. Go to display AMC616.
  - To end this session, or to review the status of the file, use **F24**. Go to display AMC611.
- To add a record to the Mfg Order Operation Description file, do one of the following:
  - Use **F11**. Go to display AMC615.
  - To add a milestone group, use **F12**.
  - To end this session, or to review the status of the file, use **F24**. Go to display AMC611.
  - To cancel this session, use **F19**.
- To change or delete a record in the Mfg Order Operation Description file, do one of the following:

- Use **F11**. Go to display AMC615.
- To change or delete a milestone group, use **F12**.
- To end this session, or to review the status of the file, use **F24**. Go to display AMC611.
- To cancel this session, use **F19**.

## Function keys

F11 ADDL DESCRIPTION causes the Mfg Order Operation—Detail Additional Description File Maintenance (Select) display (AMC615) to appear.

F12 MILESTONE MAINT causes the Mfg Order Operation—Detail Milestone Group Maintenance display (AMC616) to appear.

F17 ACCEPT WITH WARNING causes a change to the work center field to be accepted. When the work center is changed, changes to the operation description, tool, process sheet number, and rework fields are also accepted. Maintenance to these fields may be required if an operation is not begun and finished within the same work center. The actual costs and actual rates in the operation detail record and the master file record may no longer be accurate.

F19 RETURN TO SELECT causes the Mfg Order Operation—Detail File Maintenance (Select) display (AMC610) to appear again; no processing occurs.

F24 DISPLAY STATUS causes the Mfg Order Operation—Detail File Maintenance (Status) display (AMC611) to appear.

## Fields

***[?]*** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***ORDER NUMBER (ORDNO) [?].*** Type in the control number used to identify the manufacturing order in the open order data base.

***OPERATION NUMBER (OPSEQ).*** Type in four alphabetic characters (no blanks) to identify the individual operation in a manufacturing order.

***STATUS (OPSTC) .*** The operation status code identifies active, inactive, and complete operations. These codes are:

| | |
|---|---|
| **00** | Inactive; not used in scheduling, costing, or activity reporting. |
| **10** | Active; planned but activity not yet reported. |
| **20** | Material has been moved to this operation. |
| **30** | Labor, machine, or outside operation activity reported. |
| **40** | Operation has been reported as complete. |
| **50** | All material moved from this operation to next location or next operation. |

When adding an operation detail record, the operation status code add possibilities are:

| | |
|---|---|
| **00** | Allowed when adding operations. |
| **10** | All status codes entered except 00 are changed to 10. |

When changing an operation detail record, the operation status code can be changed from:

- 10 to 00
- 00 to 10
- Either 40 or 50 to 30.

**Note:** To change the status of an operation, you must backtab to the ***STATUS*** field and type in the proper status code before you press **Enter**.

***FINISHED ITEM (FITEM).*** A number used to identify the finished item.

***ACTION CODE (ACTCD).*** Type in one of the following codes:

**A** Add
**C** Change
**D** Delete

The following fields are optional (unless otherwise noted) based on your reporting requirements.

***MILESTONE (MLSTN).*** This field shows the type of a suboperation if it belongs to a milestone group. This field is for review only.

First suboperation:

**B** A milestone group with no activity reported
**P** A milestone group with activity reported
**C** A milestone group with activity reported complete

Not first or last suboperation:

**S** A suboperation that is between the first and last suboperations

Last suboperation:

**J** The end of a job shop milestone group
**F** The end of a flow shop milestone group

***REVISION.*** The revision identifier associated with this item. This field appears if EPDM is interfacing.

***OPERATION DESCRIPTION (OPDSC).*** The individual operation in a manufacturing order.

***STD SETUP LABOR TIME (SSLHU).*** Type in the standard setup labor time in hours or minutes for the manufacturing operation.

***FACILITY ID (WKCTR)[?].*** Type in one to five alphanumeric characters to identify the production facility within a department responsible for performing the operation.

***STD LABOR TIME/UNIT (SRLHU).*** The standard labor time per unit. This value is adjusted according to a time basis code to develop standard labor costs for a manufacturing operation.

***SETUP CREW SIZE (SETCS).*** The number of people involved in setting up this operation.

Note: The setup labor time is divided by the setup crew size to determine machine setup time. If the setup crew is blank or zero the setup machine hours or minutes is zero.

***STD MACHINE TIME/UNIT (SRMHU).*** The standard run machine time per unit. This value is adjusted based on a time basis code to develop standard run machine time in hours or minutes for a manufacturing operation.

***TIME BASIS CODE (TBCDE).*** Type in a valid time basis code (C, H, P, 1, 2, 3, 4, blank, or M) to relate standard labor time per unit to expected operation quantities.

***MOVE TIME IN DAYS (MOVTM).*** This field specifies the planned move time in days to move the manufactured item from the previous operation to this operation.

***CURRENT YIELD (CYTOP).*** Type in a percentage that represents today's or the near-term future expected amount of the parent item that remains in the production process at the end of an operation compared to the amount available at the start of the operation. The default is 1.000 (100%).

***TOOL (TOOLS).*** If a specific tool or list of tools is required for the operation, enter the tool number.

***REWORK<Y/N>(REWRK).*** For a rework manufacturing operation, type in **Y**. Otherwise, type in **N**.

***PROCESS SHEET NO. (PRONO).*** Type in a process sheet number if required (or available) for this operation.

***PN FAC ACTG CLS (Production Facility Accounting Class) (PFAC).*** Class, defined by your company, to group or classify orders or items by production facility for accounting purposes.

***OUTSIDE COST (SOCS).*** The cost per piece charged by the vendor to produce the item. This field is used when the time basis code is C.

***DATE LAST MAINTAINED.*** The date the record was last maintained.

## AMC611—Mfg Order Operation Detail–File Maintenance (Status)

Use this display to review the status of the Manufacturing Order Operation Detail file and the status of the current file maintenance session.

This display appears when you use **F24 DISPLAY STATUS** on the Mfg Order Operation Detail–File Maintenance (Select) display (AMC610). Session status portion shows the number of records added, changed, or deleted during the current file maintenance session.

```
DATE **/**/**        MFG ORDER OPERATION DETAIL          STATUS     AMC611   **
                          FILE MAINTENANCE


                                MFG ORDER            ADDITIONAL
                                OPERATIONS          DESCRIPTIONS
    SESSION STATUS
       RECORDS ADDED            *,***,***            *,***,***
       RECORDS CHANGED          *,***,***            *,***,***
       RECORDS DELETED          *,***,***            *,***,***











                                                  F24 END OF JOB
```

### What to do

To add, change or delete a record in the Manufacturing Order Operation Detail file, do one of the following:

- To end the session, use **F24**. The Manufacturing Order Operation Detail–File Maintenance (AMC614) is scheduled for printing. Go to menu AMCM70.
- To do more file maintenance, press **Enter**. Go to display AMC610.

### Function keys

F24 END OF JOB is used to end Manufacturing Order Operation Detail File Maintenance and print the Manufacturing Order Operation Detail report.

### Fields

All fields on this display are informational only.

***SESSION STATUS.*** The number of transactions in the Manufacturing Order Operation Detail File maintained during the current session.

***RECORDS ADDED***. The number of records added during the current session.

***RECORDS CHANGED.*** The number of records changed during the current session.

***RECORDS DELETED.*** The number of records deleted during the current session.

## AMC615—Mfg Order Operation Detail–Add'l Description File Maintenance

Use this display to maintain additional operation description records for the operation entered on display (AMC610).

This display appears when you use **F11** ADDITIONAL DESCRIPTION on display AMC610.

```
DATE **/**/**          MFG ORDER OPERATION DETAIL          UPDATE    AMC615   **
                ADDITIONAL DESCRIPTION FILE MAINTENANCE

ORDER NUMBER   aaaaaA7          OPERATION NUMBER   aaA4   *******************
FINISHED ITEM  ***************
------------------------------------------------------------------------------

     LINE      DESCRIPTION

     nnnn      aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaA40
     nnnn      aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaA40
     nnnn      aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaA40
     nnnn      aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaA40
     nnnn      aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaA40
     nnnn      aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaA40
     nnnn      aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaA40
     nnnn      aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaA40
     nnnn      aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaA40
     nnnn      aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaA40

                                                       USE ROLL UP/DOWN
                                                       F16 OPERATION DETAIL
                                                       F24 DISPLAY STATUS
```

### What to do

- To add one or more records, do one of the following:
  - Type in the information requested. The records are added to the file.
  - To see the Operations (Select) display, use **F16**. Go to display AMC610.
  - To end this session, or to review the status of the file, use **F24**. Go to display AMC611.

- To change or delete a record, do one of the following:
  - Type in the information requested at the top of the display. Press **Enter**. The computer changes the record.
  - To go back to the Operations (Select) display, use **F16**. Go to display AMC610.
  - To cancel this session, use **F19**.
  - To end this session, or to review the status of the file, use **F24**. Go to display AMC611.

### Function keys

F16 OPERATION DETAIL causes the Mfg Order Operation Detail—File Maintenance (Select) display (AMC610) to appear.

F24 DISPLAY STATUS causes the Mfg Order Operation Detail—File Maintenance (Status) display (AMC611) to appear.

### Fields

***[?]*** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

All of the fields on this display require entry except ***DESCRIPTION***, which is optional, and ***FINISHED ITEM***, which is informational.

***ORDER NUMBER (ORDNO) [?].*** Type in the control number used to identify the manufacturing order in the open order data base.

***OPERATION NUMBER (OPSEQ).*** Type in four alphabetic characters (no blanks) to identify the individual operation in the manufacturing order.

***FINISHED ITEM (FITEM).*** The number of the item to be manufactured on this order appears here.

***LINE (Description Sequence Line Number) (DSQNO).*** Type in the line number of the additional descriptive information to place it in the order, if you want this line to appear on the reports and shop packets.

***DESCRIPTION (Additional Operation Description) (ADDSC).*** Type in an additional manufacturing order operation description line. This field may be left blank.

## AMC616—Mfg Order Operation Detail–Milestone Group Maintenance

Use this display to maintain milestone groups for manufacturing orders.

This display appears when you use **F12 MILESTONE MAINTENANCE** on display (AMC610).

```
DATE **/**/**          MFG ORDER OPERATION DETAIL          UPDATE     AMC616   **
                       MILESTONE GROUP MAINTENANCE

                      ORDER NUMBER                      aaaaaA7

                      ACTION - DEFINE <1>, REMOVE <2>   A

                      BEGINNING OPERATION               aaA4
                      ENDING    OPERATION               aaA4

                      MILESTONE TYPE - JOB SHOP <J>
                                -OR-  FLOW SHOP <F>     A




                                                         F16 OPERATION DETAIL
                                                         F24 DISPLAY STATUS
```

## What to do

- To add a milestone group to the file, type in the information requested and press **Enter**. The milestone group is added to the file.
- To remove a milestone group from the file, type in the beginning operation and press **Enter**. The milestone group is removed from the file.
- To return to the Mfg Order Operation Detail–File Maintenance (Select) display (AMC610), use **F16**. Go to display AMC610.
- To end this session, or to review the status of the file, use **F24**. Go to display AMC611.

## Function keys

F16 OPERATION DETAIL causes the Mfg Order Operation Detail—File Maintenance (Select) display (AMC610) to appear.

F24 DISPLAY STATUS causes the Mfg Order Operation Detail—File Maintenance (Status) display (AMC611) to appear.

## Fields

*[?]* appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***ORDER NUMBER (ORDNO) [?].*** Enter the control number used to identify the manufacturing order in the open order data base.

***ACTION–DEFINE <1>, REMOVE <2> (ACTIO).*** Type in **1** to define a milestone group. Type in **2** to remove a milestone group.

***BEGINNING OPERATION (BEGOP).*** Type in the number of the operation that is the first suboperation of a milestone group. This field is required for both actions.

***ENDING OPERATION (ENDOP).*** Type in the number of the operation that is the last suboperation of a milestone group. This field is required only for a Define action.

***MILESTONE TYPE – JOB SHOP<J>***
***–OR– FLOW SHOP<F>(MSTYP).*** Type in the code for the type of milestone group you want. This field is required for a Define action.

**F** Flow shop environment
**J** Job shop environment

## Option 3. Mfg Order Miscellaneous Detail (AMJM50)

Use this option to add a new miscellaneous detail record to the Manufacturing Order Miscellaneous Detail file, or change or delete miscellaneous detail already in the file.

**What information you need:** None.

**What reports are printed:**

- Mfg Order Miscellaneous Detail File Maintenance (AMC622)
- Mfg Order Miscellaneous Detail Report–File Maintenance (AMC623)

**What forms you need:** PC-26A

The steps for working with the Manufacturing Order Miscellaneous Detail file follow each display.

# AMC620—Mfg Order Miscellaneous Detail–File Maintenance (Select)

Use this display to add, change, or delete a miscellaneous detail record for a manufacturing order.

This display appears when you select option 3 on the File Maintenance menu (AMCM70).

You can change or delete a miscellaneous charge record with no activity reported against it (miscellaneous status is 10).

```
DATE **/**/**          MFG ORDER MISCELLANEOUS DETAIL    SELECT     AMC620  **
                                FILE MAINTENANCE

ORDER NUMBER-   aaaaaA7           MISCELLANEOUS CHARGE NUMBER  aaaaaaaaaaaaA15
FINISHED ITEM- ***************  ACTION CODE       A         STATUS- A2
REVISION       ******

------------------------------------------------------------------------------

    MISC DESCRIPTION         aaaaaaaaaaaaaaaaaA20
    QUANTITY REQ/UNIT            nnnnnnn.nnnn
    ANTICIPATED COST/UNIT    nnnnnnnnnnn.nnnn
    FIXED QUANTITY REQUIRED      nnnnnnn.nnn
    ANTICIPATED FIXED COST   nnnnnnnnnnn.nn

    DATE LAST MAINTAINED           **/**/**


                                                       F19 RETURN TO SELECT
                                                       F24 DISPLAY STATUS
```

## What to do

- To add a record, do one of the following:
  - Type **A** in the ***ACTION CODE*** field. Press **Enter**. The record is added to the file.
  - To end the session or to see the status of the entire file, use **F24**. Go to display AMC621.
- To change a record, do one of the following:
  - Type **C** in the ***ACTION CODE*** field. Press **Enter**. The record is changed.
  - To end the session or to see the status of the entire file, use **F24**. Go to display AMC621.
- To delete a record, do one of the following:
  - Type **D** in the ***ACTION CODE*** field. Press **Enter**. The record is deleted.
  - To end the session or to see the status of the entire file, use **F24**. Go to display AMC621.

## Function keys

F19 RETURN TO SELECT causes the Mfg Order Miscellaneous Detail—File Maintenance (Select) display (AMC620) to appear again. No processing occurs.

F24 DISPLAY STATUS causes the Mfg Order Miscellaneous Detail—File Maintenance (Status) display (AMC621) to appear.

## Fields

***ORDER NUMBER (ORDNO).*** Enter the control number used to identify the manufacturing order in the open order data base.

***MISCELLANEOUS CHARGE NUMBER (MITNO).*** Enter the miscellaneous charge number to identify a miscellaneous charge associated with a manufacturing order.

***FINISHED ITEM (FITEM).*** The number of the item to be manufactured on this order appears here.

***REVISION.*** The revision number associated with this order. This field appears if EPDM is interfacing.

The following fields are optional (unless otherwise noted) based on your reporting requirements.

***ACTION CODE.*** Type in one of the following:

**A** Add
**C** Change
**D** Delete

***STATUS (MSTAT).*** The miscellaneous charge status code shows if any transactions have updated this record:

**10** No activity reported
**20** Activity reported

***MISC DESCRIPTION (MDESC).*** To describe an individual charge for a manufacturing order, enter a miscellaneous charge detail description.

The following four fields are used in calculating standard quantity (STD QTY) and standard cost (STD COST) for a miscellaneous charge:

***QUANTITY REQ/UNIT (MUQTY)***
***ANTICIPATED COST/UNIT (MUCST)***
***FIXED QUANTITY REQUIRED (MSQTY)***
***ANTICIPATED FIXED COST (MSCST).*** It is not necessary to enter all four fields at the same time. Refer to the following equations:

> If ***FIXED QUANTITY REQUIRED*** is blank and ***QUANTITY REQUIRED/UNIT*** is not blank, then:
>
> `FIXED QUANTITY REQUIRED = QUANTITY REQUIRED/UNIT x ORDER QUANTITY (or MSQTY = MUQTY x ORQTY).`
>
> If ***ANTICIPATED FIXED COST*** is blank and ***ANTICIPATED COST/UNIT*** is not blank, then

```
ANTICIPATED FIXED COST = ANTICIPATED COST/UNIT x FIXED
QUANTITY REQUIRED (or MSCST = MUCST x MSQTY).
```

***QUANTITY REQ/UNIT (Quantity Required/Unit) (MUQTY).*** If fixed quantities are not used, type in the standard miscellaneous unit quantity.

***ANTICIPATED COST/UNIT (MUCST).*** If a standard miscellaneous quantity is used, type in the standard miscellaneous unit cost.

***FIXED QUANTITY REQUIRED (MSQTY).*** If a standard unit quantity is not used, type in a planned fixed unit quantity requested for the miscellaneous detail operation.

***ANTICIPATED FIXED COST (MSCST).*** If a standard miscellaneous cost per unit is not used, type in a planned fixed cost for the miscellaneous detail operation.

***DATE LAST MAINTAINED.*** The date the record was last changed.

***PRESS ENTER TO DELETE.*** This field only appears in delete mode. Press **Enter** to confirm the deletion of this record.

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# AMC621—Mfg Order Miscellaneous Detail–File Maintenance (Status)

Use this display to review the status of the Manufacturing Order Operation Detail file and the status of the current file maintenance session.

This display appears when you use **F24 DISPLAY STATUS** on display (AMC620).

```
DATE **/**/**       MFG ORDER MISCELLANEOUS DETAIL    STATUS          AMC621   **
                           FILE MAINTENANCE


                             MFG ORDER
                             MISCELLANEOUS
                             DETAIL FILE
    SESSION STATUS
       RECORDS ADDED                 0
       RECORDS CHANGED               0
       RECORDS DELETED               0







                                                   F24 END OF JOB
```

## What to do

- To end the session, use **F24**. The Manufacturing Order Miscellaneous Detail Report–File Maintenance (AMC623) is scheduled for printing.
- Go to menu AMCM70.
- To add another record to this file, press **Enter**.
- Go to display AMC620.
- To change or delete a record from this file, press **Enter**. Go to menu AMCM70.
- To change or delete another record in this file, press **Enter**. Go to display AMC620.

## Function keys

F24 END OF JOB is used to end Manufacturing Order Miscellaneous Detail File Maintenance and print the Manufacturing Order Miscellaneous Detail report.

## Fields

All fields on this display are informational only.

***SESSION STATUS.*** The number of transactions in the Manufacturing Order Miscellaneous Detail file maintained during this session.

***RECORDS ADDED:*** The number of records added during this session.

***RECORDS CHANGED:*** The number of records changed during this session.

***RECORDS DELETED:*** The number of records deleted during this session.

# Option 4. Mfg Order Detail (AMJM50)

Use this option to add a new component allocation record to the Manufacturing Order Detail file or to change or delete component allocation.

**What information you need:** None.

**What report is printed:** Manufacturing Order Detail Maintenance Edit List (AMI7E)

**What forms you need:** IM-15

The steps for working with Manufacturing Order Detail files follow each display.

# AMI7E1—Manufacturing Order Detail File Maint. (Select)

Use this display to choose the component material allocation record you want to maintain, and the type of maintenance you want to do.

This display appears when you select option 6 on the IM File Maintenance menu (AMIM70), select option 4 on the PC&C or PM&C File Maintenance menu, when you select **F19** or press **Enter** on display AMI7E2 or AMI7E3, or when you press **Enter** on display AMI7E4.

```
DATE **/**/**   MANUFACTURING ORDER DETAIL FILE MAINT.    SELECT     AMI7E1   **


ORDER NUMBER aaaaaA7   COMPONENT aaaaaaaaaaaaA15   WAREHOUSE aA3

                                  A-ADD
                                  C-CHANGE
                                  D-DELETE

                           ACTION A




                                                     F24 DISPLAY STATUS
```

## What to do

To perform file maintenance on a component material allocation record, type in the order number, component, and warehouse (if requested), and the action code and press **Enter**. Go to display AMI7E2 to add or change a record, or go to display AMI7E3 to delete a record for the order you entered on this display.

## Function keys

F24 DISPLAY STATUS causes the Manufacturing Order Detail File Maintenance (Status) display (AMI7E4) to appear.

## Fields

***[?]*** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***ORDER NUMBER (ORDNO) [?].*** Required. Type in the number of the manufacturing order to be maintained.

***COMPONENT (CITEM) [?].*** Required. Type in the item number of the component to be added, changed, or deleted.

***WAREHOUSE (CITWH).*** Required if you have multiple warehouses defined in the Warehouse Master file. ype in the code of the warehouse where the component is stored. If you have only one warehouse, the warehouse defined in the Warehouse Master file appears in this field and cannot be changed.

***ACTION.*** Required. Type in one of the following codes to identify the kind of maintenance to be performed.

**A** Add
**C** Change
**D** Delete

# AMI7E2—Manufacturing Order Detail File Maint. (Add or Change)

Use this display to add or change a Manufacturing Order Detail record for the order number entered on display AMI7E1.

This display appears when you enter **A** or **C** in the ***ACTION*** field on display AMI7E1.

```
DATE ********   MANUFACTURING ORDER DETAIL FILE MAINT.    CHANGE     AMI7E2   **

ORDER NUMBER *******   COMPONENT ***************   WAREHOUSE ***  REVISION ****

  DESCRIPTION            aaaaaaaaaaaaaaaaaaaaaaaaaaaA30
  REVISION               aaaaA6
  TOTAL QUANTITY         nnnnnnn.nnn                    CALCULATE BY
  ADJ QTY PER            nnnnnnnn.nnnnnnn               ORDER QTY <O>
  STD QTY PER            nnnnnnnn.nnnnnnn               OR OPEN QTY <P>   A
  UNIT COST              nnnnnnnnnnn.nnnnnnnn
  REQUIRED DATE          nnnnnn
  LAST ISSUE DATE        nnnnnn
  CUSTOMER JOB NUMBER    aaaaaaaaaA12
  OPERATION WHERE USED   aaA4
  STOCK LOCATION         aaaaaA7
  UNIT OF MEASURE        A2
  FLOOR STOCK CODE <C/U> A
  USER SEQUENCE          aaA4
  DATE LAST MAINTAINED   ********

                                                        F02 PAGE FORWARD
                                                        F18 REFRESH SCREEN
                                                        F19 RETURN TO SELECT
```

## What to do

To add or change the component allocation record, type in the requested information and press **Enter**. Go to display AMI7E1.

## Function keys

F02 PAGE FORWARD (applicable to change activity only) causes the next Manufacturing Orders Detail record for the manufacturing order to appear.

F18 REFRESH SCREEN causes display AMI7E2 to appear as it did when you first selected it.

F19 RETURN TO SELECT causes no file updating to occur and display AMI7E1 to appear again.

## Fields

The ***ORDER NUMBER***, ***COMPONENT***, ***and WAREHOUSE*** fields appear as they were entered on display AMI7E1 and cannot be changed. The ***DATE LAST MAINTAINED*** field appears only on the Change display, and cannot be changed. All other fields are optional.

***DESCRIPTION (CDESC).*** The description of the component item. When printing the Inventory Transaction Register (AMV3G), the application always uses the description in the Item Master file.

***REVISION.*** The revision associated with this order number.  This field appears only if EPDM is activated.

The following is an overview of the next four fields:

If you type in either the ***TOTAL QUANTITY*** or the ***ADJ QTY PER*** field, the application recalculates the other field, keeping the two fields synchronized, based on the contents of the ***CALCULATE BY*** field. If you type in both quantity fields, the application recalculates the ***ADJ QTY PER*** field. If a discrete allocation exists for the component, you cannot change either quantity field.

If you type in one or both of these fields and do not type in the ***STD QTY PER*** field, the application keeps it in synch with the ***ADJ QTY PER*** field. For a component add, the standard quantity per is set equal to the adjusted quantity per; for a component change, the field is recalculated so that the yield factor does not change (that is, the ratio between the standard quantity per and the adjusted quantity per stays the same).

If you type in the ***STD QTY PER*** field but do not type in both the ***TOTAL QUANTITY*** or ***ADJ QTY PER*** fields, the application does not recalculate either of those fields.

***CALCULATE BY ORDER QTY <O> OR OPEN QTY <P>.*** Accept the default of **O** to use the original order quantity to calculate the total quantity or quantity per. Type in **P** to use the open quantity (order qty + deviation quantity - qty received - qty scrap). The order, or open, quantity is multiplied by the adjusted quantity per you enter on this display to give a new total quantity required for the component, or it is divided into the total quantity you enter on this display to give you a new adjusted quantity per.

***TOTAL QUANTITY (QTREQ).*** Type in the total quantity of this component item required for the manufacturing order. Negative quantities are allowed for use in more accurate calculation of end item cost. Negative quantity components are carried with the end item as a Manufacturing Order Detail record. However, components with negative quantities are not allocated in the ***Item Balance manufacturing allocation*** field during manufacturing order release. Therefore, these components are not considered during MRP planning after manufacturing order release has occurred.

***ADJ QTY PER (Adjusted quantity per) (QTYPRE).*** Type in the quantity (adjusted for yield) of a component required to produce a single unit of the parent item.

***STD QTY PER (Standard quantity per) (SQTYE).*** Type in, if required, the standard quantity (not adjusted for yield) of a component required to produce a single unit of the parent item. This field is used only to backflush controlled floor stock components “at standard” (floor stock code=C, backflush code =2).

***UNIT COST (CSTPC).*** Type in the cost of a single component item. In Add mode, if you leave this field blank, the unit cost default from the Item Balance record, then Item Master record, is used. The cost used is either standard, average, or last, according to which one you chose during application tailoring.

***REQUIRED DATE (REQDT).*** Type in the date that this component item must be available to the shop floor.

***LAST ISSUE DATE (LISDT).*** Type in the date this component item was last issued for the manufacturing order. In Add mode, if you leave this field blank, and the ***TOTAL QUANTITY*** field is not 0, the current date is used.

***CUSTOMER JOB NUMBER.*** Type in the customer job or order number associated with this manufacturing order. Changing the job number does not break the link with the original customer order.

If COM is installed and interfacing with IM, a customer order number includes the company number and order type of the associated customer order.

***OPERATION WHERE USED (OPRWU).*** Type in the sequence number of the first operation where this component item is used.

***STOCK LOCATION (CSKLC).*** Type in the stocking location code for this item, as defined in the Item Balance Record.

***UNIT OF MEASURE (UNMSR).*** Type in the unit of measure used for the issue quantity for this component item. In Add mode, if you leave this field blank, the stocking unit of measure is used.

***FLOOR STOCK CODE <C/U> (FLSTK).*** A code used to indicate if the floor stock is controlled. Type in one of the following codes:

**blank** Not floor stock
**C** Controlled floor stock
**U** Uncontrolled floor stock

***USER SEQUENCE (USRSQ).*** This field can be used to control the sequence in which component items are printed on shop packets. If you use this field, you must fill in all four characters.

***DATE LAST MAINTAINED (MDATE).*** The date this record was last maintained appears on the Change display only and cannot be changed.

# AMI7E3—Manufacturing Order Detail File Maint. (Delete)

Use this display to delete a Manufacturing Order Detail record for the order number entered on display AMI7E1.

This display appears when you enter **D** in the ***ACTION*** field on display AMI7E1.

```
DATE ********   MANUFACTURING ORDER DETAIL FILE MAINT.    DELETE     AMI7E3   **

ORDER NUMBER *******    COMPONENT ***************    WAREHOUSE ***

  DESCRIPTION              ******************************
  REVISION                 ******
  TOTAL QUANTITY           *******.***
  ADJ QTY PER              ********.*******
  STD QTY PER              ********.*******
  UNIT COST                ***********.********
  REQUIRED DATE            ******
  LAST ISSUE DATE          ******
  CUSTOMER JOB NUMBER      ************
  OPERATION WHERE USED     ****
  STOCK LOCATION           *******
  UNIT OF MEASURE          **
  FLOOR STOCK CODE <C/U>   *
  USER SEQUENCE            ****
  DATE LAST MAINTAINED     ********

                                                        F02 PAGE FORWARD
                                                        F19 RETURN TO SELECT
```

## What to do

To confirm that you want to delete the component detail record shown on the display, press **Enter**. Go to display AMI7E1.

## Function keys

F02 PAGE FORWARD causes the next detail record to appear, if there are multiple records for the same order number, component, and warehouse (distinguished by different user sequence numbers). If this is the only component or the last component, display AMI7E3 appears again with the same component data. Pressing **F02** does not delete the detail record being displayed.

F19 RETURN TO SELECT causes no file updating to occur and display AMI7E1 to appear again.

## Fields

All fields on this display are informational only. Refer to AMI7E2—Manufacturing Order Detail File Maint. (Add or Change) for a definition of these fields.

Note: If manufacturing allocations exist for this component, they are also removed from the Item Balance file.

# AMI7E4—Manufacturing Order Detail File Maint. (Status)

Use this display to review the number of records maintained in the Manufacturing Order Detail file and to end the job.

This display appears when you use **F24** on display AMI7E1.

```
DATE **/**/**   MANUFACTURING ORDER DETAIL FILE MAINT.    STATUS     AMI7E4   **


                                          MANUFACTURING
                                              ORDER
                                              DETAIL
                SESSION STATUS                FILE

                     RECORDS ADDED          *,***,***
                     RECORDS CHANGED        *,***,***
                     RECORDS DELETED        *,***,***




                                                      F24 END OF JOB
```

## What to do

- To return to display AMI7E1, press **Enter**.
- To end the session, use **F24**. The Manufacturing Order Detail Maintenance Edit List is scheduled for printing. Go to the File Maintenance menu.

## Function keys

F24 END OF JOB schedules the Manufacturing Order Detail Maintenance Edit List for printing and causes the File Maintenance menu to appear again.

## Fields

***SESSION STATUS.*** The number of records maintained in the Manufacturing Order Detail file during the current session.

***RECORDS ADDED***. The number of records added during this session.

***RECORDS CHANGED***. The number of records changed during this session.

***RECORDS DELETED.*** The number of records deleted during this session.

# Option 5. Production Facility (AMJM50)

Use this option to add a new facility to the Production Facility file, change or delete a facility already in the file, change cost information for multiple facilities, or make temporary changes to the capacity of an applicable facility.

**Notes:**

1. When EPDM is activated, file maintenance to this file must be done from EPDM.
2. Action 5 appears on the display only if REP or CRP is interfacing, and you are maintaining information using PDM, CRP, or REP file maintenance.
3. Variable capacity information can apply only to work centers or production lines.

**What information you need:** None.

**What reports are printed:** One or two of the following reports are printed, depending on the option you choose:

- Production Facility Maintenance (AMVT7)
- Production Facility Percent Change Audit Report (AMET8)
- Variable Capacity Maintenance (AMVTC)

**What forms you need:** Forms PM-23 and TM-01

The steps for working with facility records follow each display.

# AMVT70—Production Facility Maintenance (Select)

Use this display to type the ID of the production facility you want to make changes to and select the action you want to take.

This display appears when you select option 3 on the PDM File Maintenance menu (AMEM05), option 5 on the PM&C File Maintenance menu (AMJM50), option 5 on the PCC File Maintenance menu (AMCM70), option 4 on the REP File Maintenance menu (AMQM50), or option 4 on the CRP Planning Run Control menu (AMTM10).

```
DATE **/**/**      PRODUCTION FACILITY MAINTENANCE       SELECT     AMVT70   **



                             ENTER--
                                   FACILITY ID   aaaA5
                                   ACTION        A

SELECT ONE OF THESE ACTIONS
1 ADD
2 CHANGE
3 DELETE
4 PERCENT CHANGE OF COST RATES
5 VARIABLE CAPACITY



                                                     F23 STATUS
                                                     F24 END OF JOB
```

## What to do

- To select a production facility and the type of maintenance you want to perform, type in the requested information and press **Enter**. Go to one of the following displays, depending on which type of maintenance you selected:

| Action | Display |
|---|---|
| 1 (Add) | AMVT71 |
| 2 (Change) | AMVT72 |
| 3 (Delete) | AMVT73 |
| 4 (Percent change) | AMVT74 |
| 5 (Variable capacity) | AMVTC1 |

- To review the status of or end the session, use **F23**. Go to display AMVT75.
- To end the session and schedule the Production Facility Maintenance report (AMVT7) and the Production Facility Percent Change Audit report (AMET8) for printing, use **F24**.

## Function keys

F23 STATUS causes the Production Facility Maintenance (Status) display (AMVT75) to appear.

F24 END OF JOB ends the session and schedules the reports to be printed. The menu appears again.

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***FACILITY ID (WKCTR) [?].*** Required except for Action 4. Type in a facility ID for all actions except 4.

***ACTION.*** Required. Select and type in one of the following action codes:

**1** Add a facility record.
**2** Change a facility record.
**3** Delete a facility record.
**4** Change cost rate percentages.
**5** Maintain Variable Capacity information.

Use option 5 only if REP or CRP is installed.

Contents | Index

# AMVT71—Production Facility Maintenance (Add)

Use this display to add production facility records to the Production Facility file.

This display appears when you type in a facility ID and select action 1 (add) on display AMVT70.

```
DATE **/**/**      PRODUCTION FACILITY MAINTENANCE       ADD        AMVT71   **

    FACILITY ID *****       FACILITY TYPE  A     ************
    DESCRIPTION aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaA40

DEPARTMENT         aaA4  PN FAC ACTG CLS       aA3  QUEUE TIME-DAYS      nn.nn
FOREMAN             aA3  PRIME LOAD CODE         A  AVG QUEUE TIME    nnnnn.nn
LOCATION          aaaA5  TRACKING SIGNAL  nnnnn.nn  QUEUE MAD         nnnnn.nn
STD EFFICIENCY     n.nn  AVG STD OUTPUT   nnnnn.nn  MACH RESOURCE NO.    aaaA5
AVG EFFICIENCY     n.nn  AVG ACTL OUTPUT  nnnnn.nn  LABOR RESOURCE NO.   aaaA5
EXTRACT MACH BRKS     A  REPORTING METHOD        n  CLOCKING WINDOW       n:nn

                MACHINE      RUN LABOR   SETUP LABOR      OVERHEAD    OVERHEAD
                  RATE          RATE         RATE       RATE/PERCENT    CODE
CURRENT       nnnnn.nnn    nnnnn.nnn     nnnnn.nnn      nnnnn.nnn        A
STANDARD      nnnnn.nnn    nnnnn.nnn     nnnnn.nnn      nnnnn.nnn        A

        -----LENGTH-----    ----CAPACITY----
        DESIRED  MAXIMUM    DESIRED  MAXIMUM       CALENDAR ID     aaaaaaaA10
SHIFT 1   nn.n     nn.n       nn.n     nn.n        POST TO OLDEST SCHED     A

SHIFT 2   nn.n     nn.n       nn.n     nn.n        POST TO FUTURE SCHED     A
SHIFT 3   nn.n     nn.n       nn.n     nn.n        FACILITY STOCK LOC aaaaaA7
                                                      F19 RETURN TO SELECT
```

## What to do

To add a production facility to the Production Facility file, type in the information requested and press **Enter**. Go to display AMVT70.

## Function keys

F19 RETURN TO SELECT ignores any data you typed in and causes display AMVT70 to appear again.

## Fields

[?] appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

Fields that show historical statistics are updated by Production Control and Costing (PC&C), if it is installed and interfacing.

Three queue statistics (average queue time, queue MAD, and tracking signal) are updated every time PC&C prints the Production Facility Analysis report, when PC&C closes out and purges an order, or when work list generation is run.

Three output statistics (average standard output, average efficiency, and average actual output) can be updated when PC&C closes out and purges orders.

***FACILITY ID (WKCTR).*** The ID of the facility you are adding to the Production Facility file. If the time basis code is C, this ID represents a vendor (or group of vendors).

***FACILITY TYPE (WLNCD).*** This field appears only if REP is installed. Type a code that indicates the kind of information you are adding:

**blank** Work center
**1** Production line
**2** Work station.

***Facility Type Description.*** This field has no heading and appears to the immediate right of ***FACILITY TYPE***. It contains a verbal description of the code in the ***FACILITY TYPE*** field, such as ***WORK CENTER***, ***WORK STATION***, or ***PRODUCTION LINE***.

***DESCRIPTION (WCDSC).*** Required. Type in a description of the production facility.

***DEPARTMENT (DEPNO).*** Type in the department where this facility is located. If Payroll is installed and interfacing, this number should correspond to the department in Payroll's Labor Distribution file.

Note: A single department can have multiple facilities.

***PN FAC ACTG CLS (PFAC).*** Class, defined by your company, to group or classify orders or items by production facility for accounting purposes.

***QUEUE TIME-DAYS (STDQT).*** Type in the expected number of days a job waits in the queue at this facility before work begins on it.

***FOREMAN (FRMAN).*** Type in the code that identifies the foreman for this facility.

***PRIME LOAD CODE (PLOAD).*** Type in the prime load code for this facility. The prime load code is used to calculate the duration of the operation for PC&C and CRP scheduling routines. It identifies the critical (constraining) operation time factors necessary to schedule each operation's due date from its operation start date. The valid codes are:

**0** No hours accumulated
**1** Run machine hours
**2** Setup labor hours divided by setup crew size
**3** (Setup labor hours divided by setup crew size) + run machine hours
**4** Run labor hours
**5** (Setup labor hours divided by setup crew size) + run labor hours

***AVG QUEUE TIME (Average Queue Time) (AVGQT).*** Type in the average total standard hours of work in the queue at this facility.

***LOCATION (WCLOC).*** Type in the code that indicates the location of the facility. If the time basis code is C, this is the location of the vendor.

***TRACKING SIGNAL (TRSIG).*** Type in the tracking signal for this facility. The tracking signal, which is used by PC&C, is the sum of the differences of current queue time from old average queue time that is calculated with each running of the Production Facility Analysis report.

***QUEUE MAD (QUEUE MEAN ABSOLUTE DEVIATION) (WQMAD).*** Type in the average difference of the queue at this facility. The queue mean absolute deviation, which is used by PC&C, is an average of the differences between the current queue within a facility and the old average queue of that facility. This shows how much the queue fluctuates in the facility.

**Note:** A negative amount is made positive when you press **Enter**.

***STD EFFICIENCY (Standard Efficiency) (STDEF).*** Type in the standard efficiency of the facility. It should reflect the expected value of average actual output divided by average standard output.

**Note:** A negative amount is made positive when you press **Enter**.

***AVG STD OUTPUT (Average Standard Output) (AVGSO).*** Type in the average standard output of this facility. The average standard output is an average of the standard time (hours) produced per day per period (PC&C order close out) at a facility. The standard hours are based on standard times from the detail operations performed in the facility.

**Note:** A negative amount is made positive when you press **Enter**.

***MACH RESOURCE NO. (MACRN) [?].*** Type in the resource number used by MPSP (if installed and interfacing) to identify machine hours in this facility as a critical resource; for example, a machine that affects major work flow in a facility. If MPSP is not installed, leave this field blank or type in **0** (zero).

Note: You must enter the machine resource number in the MPSP Resource Master file before you can enter it into the Production Facility file.

***AVG EFFICIENCY (Average Efficiency) (AVGEF).*** Type in the average efficiency of this facility. The average efficiency is the average of the actual hours worked per day for this period divided by the average standard output per day for this period.

**Note:** A negative amount is made positive when you press **Enter**.

***AVG ACTL OUTPUT (Average Actual Output) (AVGAO).*** Type in the average actual output of this facility. The average actual output is the average of the actual time (hours) worked per day for this period (PC&C order close out) at a facility.

**Note:** A negative amount is made positive when you press **Enter**.

***LABOR RESOURCE NO. (LABRN) [?].*** Type in the resource number used by MPSP (if installed and interfacing) to identify labor hours in this facility as a critical resource. For example, a facility with limited available labor hours because of workers with special skills. If MPSP is not installed, leave this field blank or type in **0** (zero).

Note: You must enter the Labor Resource Number in the MPSP Resource Master file before you can enter it into the Production Facility file.

***EXTRACT MACH BRKS (BRKXT) <1/0>.*** Required. Type in the letter that indicates to the PM&C application whether you want to extract break time from machine hours. The valid entries are:

**1** Extract break time.
**0** Do not extract break time.

Only the standard rates of the following five fields are discussed. The other fields are the same except that current rates are used.

***REPORTING METHOD.*** Type in the method used at the facility for reporting job transactions in PM&C. The values for the methods are:

**0** ON/OF reporting. Both ON (On) and OF (Off) transactions are required for each job. Jobs completed without both transactions are flagged as errors.

**1** Off-Only reporting with full ON override. OF transactions are required for each job. ON transactions are optional. If a job starts with an ON transaction, all information is used from the ON transaction. If an ON transaction does not exist, start times for the job are calculated from previous OF and T/A transactions. All other information is used from the OF transaction.

**2** Off-Only reporting with ON facility ID override. OF transactions are required for each job. ON transactions are optional. If the job starts with an ON transaction, the only information used from the ON transaction is the facility ID. All other information is used from the OF transaction. Start times are always calculated from previous OF and T/A transactions (even if an ON transaction exists).

***CLOCKING WINDOW.*** The clocking window time defined in PM&C for facilities using off-only reporting to group jobs that run concurrently and apportion time among those jobs. If the facility uses off-only reporting and jobs are run concurrently by the same employee, type in a clocking window time. The system groups jobs that have OF transactions spaced equal to or less than the clocking window time and apportions the time among them. For example, if you set the clocking window to 5:00 (five minutes) and OF transactions occur at 10:00:00, 10:03:00, and 10:06:00 (less than five minutes apart), the system treats the group as if they were started and completed at the same time and apportions the time among them.

The time can be any value from 0:00 to 9:59 (one second less than ten minutes). Use the default time (0:00) to have the jobs treated as if they were run consecutively.

***CURRENT STANDARD.***

***MACHINE RATE (CMACH or SMACH)***: This rate, in cost per hour, is used with the run machine field of the associated routing to calculate the run machine cost. If the time basis code is C, this field should be zero. PDM product costing also uses this value to calculate labor overhead content this-level in the associated Item Master B-records.

***RUN LABOR RATE (CRLAB or SRLAB***): This rate, in cost per hour, is used with the run labor field of the associated routing to calculate the run labor cost. PDM product costing also uses this value to calculate standard labor and labor overhead content this-level in the associated Item Master B-records. This field is not used in calculating run labor costs for routing operations with time basis code = C (outside operation).

***SETUP LABOR RATE (CSLAB or SSLAB)***: This rate, in cost per hour, is used with the setup labor hours field of the associated routing to calculate the setup labor cost. If the time basis code is C, this field should be zero in most cases. PDM product costing also uses this value to calculate labor and labor overhead content this-level in the associated Item Master B-records.

***OVERHEAD RATE/PERCENT (COVER or SOVER***): The labor overhead rate or percent is used in the labor overhead calculation of PDM costing formulas based on the labor overhead code (COCOD or SOCOD) you enter. If the time basis code is C, this field should be zero.

***OVERHEAD CODE (SOCOD***): This code indicates which of four methods (A, B, C, or D) is used to calculate standard labor overhead this level in the associated Item Master B-records. If the time basis code is C, this field should be blank. PDM product costing must be installed and interfacing, and the cost technique code in associated Item Master B-records must be R if this code is used.

**Note:** A negative amount is made positive when you press **Enter**.

***SHIFT LENGTH.*** If this is a production line, at least one shift length is required.

***DESIRED (DLEN1, DLEN2, DLEN3)***: These fields, which are used in scheduling calculations, show the number of prime load code hours normally available for the duration of shifts 1, 2, or 3 for this facility.

***MAXIMUM (MLEN1, MLEN2, MLEN3)***: These fields show the maximum number of prime load code hours available for the duration of shifts 1, 2, or 3 for this facility.

**Note:** A negative amount is made positive when you press **Enter**.

***SHIFT CAPACITY.***

***DESIRED (DCAP1, DCAP2, DCAP3)***: These fields, which are used in scheduling calculations, show the number of workers or machines (whichever is the critical resource) normally scheduled at this facility during shifts 1, 2, or 3.

***MAXIMUM (MCAP1, MCAP2, MCAP3)***: These fields show the maximum number of workers or machines that can be scheduled at this facility during shifts 1, 2, or 3.

**Note:** A negative amount is made positive when you press **Enter**.

***CALENDAR ID (CALN) [?].*** The identifier of the production calendar associated with this facility. This field is used by REP to explicitly define the days a production line is available for work.

***POST TO OLDEST SCHED (APSQ).*** Appears if REP is interfacing. Type a code that indicates how you want to apply RM, RO, and SM transaction quantities. The valid codes are:

**blank** Defaults to the setting in the REPCTL record.

**0** Off, posting is by individual schedules for all items on this production line.

**1** On, multi-schedule posting, beginning with the oldest schedule, is used for all items on this production line.

***POST TO FUTURE SCHED (APTQ).*** Appears if REP is interfacing. Type a code that indicates how you want to apply RM, RO, and SM transaction quantities. The valid codes are:

**blank** Defaults to the setting in the REPCTL record.
**0** Off, post to past and current schedules on this production line.
**1** On, post to past, current, and future schedules on this production line.

***FACILITY STOCK LOC (FSLC).*** If the facility is a workstation, this field represents the line location where items are delivered and used in a production line operation. If the facility is a production line, then this field represents the stocking location where finished goods are stored. This field is used by REP as a default line location when setting up the Item-Line definition for a schedule controlled item.

# AMVT72—Production Facility Maintenance (Change)

Use this display to change an existing production facility record in the Production Facility file.

This display appears when you type in a valid facility ID and select action 2 (change) on display AMVT70.

```
DATE **/**/**      PRODUCTION FACILITY MAINTENANCE       CHANGE     AMVT72   **

    FACILITY ID *****       FACILITY TYPE  A     *************
    DESCRIPTION aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaA40

DEPARTMENT         aaA4  PN FAC ACTG CLS       aA3  QUEUE TIME-DAYS      nn.nn
FOREMAN             aA3  PRIME LOAD CODE         A  AVG QUEUE TIME    nnnnn.nn
LOCATION          aaaA5  TRACKING SIGNAL  nnnnn.nn  QUEUE MAD         nnnnn.nn
STD EFFICIENCY     n.nn  AVG STD OUTPUT   nnnnn.nn  MACH RESOURCE NO.    aaaA5
AVG EFFICIENCY     n.nn  AVG ACTL OUTPUT  nnnnn.nn  LABOR RESOURCE NO.   aaaA5
EXTRACT MACH BRKS     A  REPORTING METHOD        n  CLOCKING WINDOW       n:nn

                MACHINE      RUN LABOR   SETUP LABOR     OVERHEAD    OVERHEAD
                  RATE          RATE         RATE      RATE/PERCENT    CODE
CURRENT       nnnnn.nnn    nnnnn.nnn    nnnnn.nnn      nnnnn.nnn        A
STANDARD      nnnnn.nnn    nnnnn.nnn    nnnnn.nnn      nnnnn.nnn        A

        -----LENGTH-----    ----CAPACITY----
        DESIRED  MAXIMUM    DESIRED  MAXIMUM      CALENDAR ID      aaaaaaA10
SHIFT 1   nn.n     nn.n       nn.n     nn.n       POST TO OLDEST SCHED     A
SHIFT 2   nn.n     nn.n       nn.n     nn.n       POST TO FUTURE SCHED     A
SHIFT 3   nn.n     nn.n       nn.n     nn.n       FACILITY STOCK LOC aaaaaA7
                                                     F18 REFRESH SCREEN
                                                     F19 RETURN TO SELECT
```

## What to do

To change a production facility record, type in the information you want to change and press **Enter**. Go to display AMVT70.

## Function keys

F18 REFRESH SCREEN erases any data you typed in and shows AMVT72 as it first appeared.

F19 RETURN TO SELECT ignores any data you typed in and causes display AMVT70 to appear again.

## Fields

Any of the fields, except ***FACILITY ID***, entered using display AMVT71 can be changed using this display. For descriptions of these fields, see AMVT71—Production Facility Maintenance (Add).

# AMVT73—Production Facility Maintenance (Delete)

Use this display to delete a production facility record from the Production Facility file.

This display appears when you type in a valid facility ID and select action 3 (delete) on display AMVT70.

```
DATE **/**/**      PRODUCTION FACILITY MAINTENANCE        DELETE     AMVT73   **

    FACILITY ID *****       FACILITY TYPE  *     *************
    DESCRIPTION ****************************************

DEPARTMENT         ****  PN FAC ACTG CLS       ***  QUEUE TIME-DAYS      **.**
FOREMAN             ***  PRIME LOAD CODE         *  AVG QUEUE TIME    *****.**
LOCATION          *****  TRACKING SIGNAL  *****.**  QUEUE MAD         *****.**
STD EFFICIENCY     *.**  AVG STD OUTPUT   *****.**  MACH RESOURCE NO.    *****
AVG EFFICIENCY     *.**  AVG ACTL OUTPUT  *****.**  LABOR RESOURCE NO.   *****
EXTRACT MACH BRKS     *  REPORTING METHOD        *  CLOCKING WINDOW       *:**

                MACHINE     RUN LABOR   SETUP LABOR      OVERHEAD    OVERHEAD
                  RATE         RATE         RATE      RATE/PERCENT     CODE
CURRENT     **,***.***  **,***.***  **,***.***     **,***.***       *
STANDARD    **,***.***  **,***.***  **,***.***     **,***.***       *

        -----LENGTH-----    ----CAPACITY----
        DESIRED  MAXIMUM    DESIRED  MAXIMUM     CALENDAR ID       **********
SHIFT 1   **.*     **.*        **.*     **.*     POST TO OLDEST SCHED      *
SHIFT 2   **.*     **.*        **.*     **.*     POST TO FUTURE SCHED      *
SHIFT 3   **.*     **.*        **.*     **.*     FACILITY STOCK LOC *******
P R E S S   E N T E R   T O   D E L E T E            F19 RETURN TO SELECT
```

## What to do

To delete a production facility from the Production Facility file, press **Enter**. The record is flagged for deletion. Go to display AMVT70.

## Function keys

F19 RETURN TO SELECT does not delete the record and causes display AMVT70 to appear again.

## Fields

All of the fields on this display are informational only. For descriptions of the fields on this display, see AMVT71—Production Facility Maintenance (Add).

# AMVT74—Production Facility Maintenance (Change)

Use this display to change cost information for multiple production facility records in the Production Facility file.

This display appears when you type in a valid facility ID and select action 4 (percent change of cost rates) on display AMVT70.

You can select the rate you want to change (setup labor, run labor, machine labor, or labor overhead—current and/or standard) and the percent change you want to use. Only one percent change (the last one you entered if you entered more than one) is processed at a time.

```
DATE **/**/**        PRODUCTION FACILITY MAINTENANCE          CHANG%  AMVT74   **




                              ENTER--
                                    RATE TYPE    n
                                    % CHANGE     nnn.nn
SELECT ONE OF THESE RATE TYPES      COST TYPE    A
1 SETUP LABOR RATE
2 RUN LABOR RATE
3 MACHINE RATE
4 OVERHEAD RATE/PERCENT

SELECT ONE OF THESE COST TYPES
C CURRENT
S STANDARD
B BOTH



                                                      F19 RETURN TO SELECT
```

## What to do

To change cost information for multiple production facility records, type in the information requested and press **Enter**. The percent change you entered is applied to the rate you selected when the session ends. Go to display AMVT70.

## Function keys

F19 RETURN TO SELECT ignores the data you just entered and causes display AMVT70 to appear again.

## Fields

***RATE TYPE.*** Required. Type in one of the following rate types:

**1** Setup Labor Rate
**2** Run Labor Rate
**3** Machine Rate
**4** Overhead Rate/Percent.

***% CHANGE.*** Required. Type in the percent change you are applying to the selected rate. The percent change is the difference between the current rate and the target rate, divided by the current rate. Use a positive value to increase the current rate or a negative value to decrease it.

Only one percent change (the last one you entered if you entered more than one) is processed at a time.

***COST TYPE.*** Required. Type in one of the following cost types:

**C** Current
**S** Standard
**B** Both.

# AMVT75—Production Facility Maintenance (Status)

This display appears when you use **F23** on the Select display (AMVT70). The Production Facility Maintenance Control Sheet prints after you update the Production Facility file using file maintenance.

The following statistics should be the same on the display and the report:

1. Maintenance number and update number
2. Adds entered and facilities added
3. Changes entered and facilities changed
4. Deletes entered and facilities deleted.

```
DATE **/**/**      PRODUCTION FACILITY MAINTENANCE         STATUS    AMVT75  **

                             SESSION STATISTICS

    [1]      MAINTENANCE NUMBER       10
    [2]      ADDS ENTERED              1
    [3]      CHANGES ENTERED           1
    [4]      DELETES ENTERED           1
                        TOTAL TRANSACTIONS        3



                                                  F24 END OF JOB
```

## What to do

- To end the session and schedule the Production Facility Maintenance report (AMVT7) for printing, use **F24**. The menu appears again.
- To return to the previous display, press **Enter**.

## Function keys

F24 END OF JOB causes the menu to appear again.

## Fields

All of the fields on this display are informational.

***SESSION STATISTICS.*** These fields show the statistics for the current file maintenance session

> ***MAINTENANCE NUMBER***: The number assigned to this session.
>
> ***ADDS ENTERED***: The number of records added.

***CHANGES ENTERED***: The number of records changed.

***DELETES ENTERED***: The number of records deleted.

***TOTAL TRANSACTIONS***: The total number of transactions (adds, changes, and deletes) for this file maintenance session.

# AMVTC1—Variable Capacity Maintenance (Select)

Use this display to select a facility and the type of maintenance to be performed on its variable capacity records.

This display appears when you select option 2 on CRP menu AMTM10, or when you select action 5 on the Production Facility Maintenance (Select) display (AMVT70) or when you use **F19** (Return to Select) on displays AMVTC2, AMVTC3, AMVTC4, or AMVTC5.

If EPDM is activated, this display and the following displays are disabled in PDM and CRP. If you try to access these displays, you will receive an error message.

Note: This display appears only if CRP is installed and interfacing.

```
DATE **/**/**          VARIABLE CAPACITY MAINTENANCE      SELECT     AMVTC1   **

               ENTER:  ACTION                         A
                       SITE                         aA3
                       FACILITY ID                aaaA5
                       START DATE (OPTIONAL)     nnnnnn
                       RECORDS TO REVIEW              A


SELECT ONE OF THESE ACTIONS:
   1 - ADD
   2 - CHANGE
   3 - DELETE
   9 - DELETE ALL PRODUCTION FACILITY VARIABLE CAPACITY

SELECT TYPE OF RECORDS TO REVIEW DURING MAINTENANCE:
   1 - REVIEW SHIFT LENGTH CHANGE RECORDS ONLY
   2 - REVIEW RESOURCE CHANGE RECORDS ONLY
   3 - REVIEW ALL VARIABLE CAPACITY RECORDS


                                                 F23 DISPLAY STATUS
```

## What to do

- To select a production facility and the type of maintenance you want to perform on the variable capacity records, type in the requested information and press **Enter**. Go to one of the following displays, depending on which type of maintenance you selected:

| Action | Display |
|---|---|
| 1 (Add) | AMVTC2 |
| 2 (Change) | AMVTC3 |
| 3 (Delete) | AMVTC4 |
| 9 (Delete all)) | AMVTC5 |

Note: ***FACILITY ID***, as used in field descriptions for variable capacity maintenance, refers to both production lines and work centers if Repetitive Production Management (REP) is installed and interfacing. Otherwise, it refers to work centers only.

- To review the status of and end the session, use **F23**.

## Function keys

F23 DISPLAY STATUS causes the Variable Capacity Maintenance (Status) display (AMVTC6) to appear.

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***ACTION (ACTON).*** Required. Select and type in one of the following actions:

**1** Add
**2** Change
**3** Delete
**9** Delete all production facility variable capacity.

***SITE (STID) [?].*** Type in the site identifier for the production facility to be maintained. This field appears only if EPDM is activated.

***FACILITY ID (WKCTR) [?].*** Required. Type in the ID of the production facility to be maintained.

***START DATE (STDAT).*** This field allows you to type in the date that the review is to begin. If no date is entered, the earliest variable capacity start date is used.

***RECORDS TO REVIEW (INCLU).*** Required. This field allows you to specify the type of records to be reviewed for possible maintenance.

Type in one of the following numbers:

**1** Review shift length change records only.
**2** Review resource change records only.
**3** Review all variable capacity records.

# AMVTC2—Variable Capacity Maintenance (Add)

Use this display to add variable capacity records for work centers or production lines. (You can work with production lines only if Repetitive Production Management is installed and interfacing.)

This display appears when you select action A (Add) on the Variable Capacity Maintenance (Select) display (AMVTC1) or when you use **F04 (Add)** on either display AMVTC3 or AMVTC4.

```
DATE **/**/**          VARIABLE CAPACITY MAINTENANCE      ADD        AMVTC2  **
SITE ***

*************** *****   DESCRIPTION ****************************************

      START  NBR  -SHIFT LENGTH- -RESOURCE UNITS-
      DATE   DAYS   1    2    3    1     2     3   SOURCE DESCRIPTION
 - TOP OF DATA -  **.* **.* **.* **.*- **.*- **.*- *************** BASE VALUES
    **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
    **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
    **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
    **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
    **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
    **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
    **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
    **/**/**  **  **.* **.* **.* **.*- **.*- **.*- ************************* +
                 ONLY RECORDS WITH ************ CHANGES SHOWN
  ADD RECORD
  START DATE     nnnnnn
  NUMBER OF DAYS    nn    SHIFT 1  SHIFT 2  SHIFT 3    USE ROLL UP/DOWN
  NEW SHIFT LENGTH         nn.n     nn.n     nn.n      F01 RESTART FACILITY
  INCREMENTAL RESOURCE     nn.n-    nn.n-    nn.n-     F05 CHANGE RECORDS
  SOURCE DESCRIPTION      aaaaaaaaaaaaaaaaaaaaaaA25    F06 DELETE RECORDS
                                                       F19 RETURN TO SELECT
                                                       F23 DISPLAY STATUS
```

## What to do

- To add a variable capacity record, type in the information requested and press **Enter**. The record you just added is shown on the top half of the display.
- To see the variable capacity records for the production facility from the beginning, use **F01**.
- To change a variable capacity record for a production facility, use **F05**. Go to display AMVTC3.
- To delete a variable capacity record for a production facility, use **F06**. Go to display AMVTC4.
- To review the status of and end the session, use **F23**. Go to display AMVTC6.

## Function keys

USE ROLL UP/DOWN allows you to scroll forward and backward through the variable capacity records associated with this facility if the word CONTINUED appears. If END OF DATA appears, no additional records exist and the first page of records is shown.

F01 RESTART FACILITY shows all variable capacity records for this facility starting with the first based on the Include for Review code entered on Select display AMVTC1.

F05 CHANGE RECORDS causes the Variable Capacity Maintenance (Change) display (AMVTC3) to appear.

F06 DELETE RECORDS causes the Variable Capacity Maintenance (Delete) display (AMVTC4) to appear.

F19 RETURN TO SELECT causes the Variable Capacity Maintenance (Select) display (AMVTC1) to appear.

F23 DISPLAY STATUS causes the Variable Capacity Maintenance (Status) display (AMVTC6) to appear.

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***SITE (STID).*** This field contains the site identifier of the facility. This field appears only if EPDM is activated.

***Facility Identifier (WKCTR).*** This field appears below the date and site, without a heading, and contains the ID of the facility you entered on display AMVTC1. If the facility is a work center, the field heading is WORK CENTER ID; otherwise the heading is PRODUCTION LINE.

***DESCRIPTION (WCDSC).*** This field contains the description of the facility.

***START DATE (VDATE).*** This field contains the date the variable capacity is due to start.

***NBR DAYS (Number of Days) (VDAYS).*** This field contains the number of days this resource (workers or machines) is available.

A total of 99 days indicates indefinite resource availability over the planning horizon.

***SHIFT LENGTH (HOURS) (VLEN1, VLEN2, VLEN3).*** These fields contain the length in hours of up to three shifts.

***RESOURCE UNITS (MEN/MACHINES) (VCAP1, VCAP2, VCAP3).*** These fields contain the number of resource units available for each of the three shifts.

***SOURCE DESCRIPTION (VDESC).*** This field contains a description of the variable capacity add record; for example, scheduled overtime.

*************** ***BASE VALUES.*** If this facility is a work center, the heading for this field is WORK CENTER BASE VALUES. Otherwise, the heading is PRODUCTION LINE BASE VALUES.

The base values (shift lengths and resource units) for this facility are shown on the line just above the first variable capacity record. These are the values for this facility from the Production Facility file.

***START DATE (STDAT).*** Required. Type in the date that this variable capacity is to begin.

***NUMBER OF DAYS (VDAYS).*** Required. Type in the number of days that this variable capacity change is to be effective.

Typing in **99** signifies indefinite resource over the planning horizon.

***NEW SHIFT LENGTH (HOURS) (NLEN1, NLEN2, NLEN3).*** Required if you do not use the ***INCREMENTAL RESOURCE*** field. Type in the number of hours available during each shift for up to three shifts. The number of hours you enter here is used as a replacement value for the base shift length.

Note: The start date and duration of this shift length may not overlap the shift length in any other variable capacity record.

***INCREMENTAL RESOURCE (MEN/MACHINES) (NCAP1, NCAP2, NCAP3).*** Required if you do not use the ***NEW SHIFT LENGTH*** field. Type in the number of additional resource units above or below the base capacity for this resource. The number you enter here is used to increment (add to or subtract from) the base incremental resource.

Resource units are expressed in shift length increments such that each resource unit is understood to be working the entire shift; for example, if shift length is 8 hours and you want to add one resource unit for 4 hours, you would type in **5** to indicate 0.5 resource units.

To reduce the number of resource units for a certain time period due to vacation or down time, type in a value and press the **FIELD - (minus)** key.

Note: The start date and duration of a negative incremental resource may not allow shift capacity to become negative during this period.

***SOURCE DESCRIPTION (NDESC).*** Type in a description of this variable capacity change; for example, “scheduled overtime,” “add one employee,” or “operator on vacation.”

# AMVTC3—Variable Capacity Maintenance (Change)

Use this display to change variable capacity records for a facility.

This display appears when you select action 2 (Change) on the Variable Capacity Maintenance (Select) display (AMVTC1) or when you use **F05 (Change)** on either display AMVTC2 or AMVTC4.

When this display first appears, the bottom half is blank except for the function keys and the ***ENTER CHANGE REFERENCE NUMBER*** field. When you type in a change reference number and press **Enter**, the record you want to change appears on the bottom half of the display.

```
DATE **/**/**         VARIABLE CAPACITY MAINTENANCE      CHANGE     AMVTC3   **
SITE ***

*************** *****   DESCRIPTION ****************************************

 REF  START  NBR  -SHIFT LENGTH- -RESOURCE UNITS-
 NBR  DATE   DAYS   1    2    3    1     2     3    SOURCE DESCRIPTION
 - TOP OF DATA -  **.* **.* **.* **.*- **.*- **.*- *************** BASE VALUES
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- ************************* +

  ENTER CHANGE REFERENCE NUMBER n

                                                     USE ROLL UP/DOWN
                                                     F01 RESTART FACILITY
                                                     F04 ADD RECORDS
                                                     F06 DELETE RECORDS
                                                     F19 RETURN TO SELECT
                                                     F23 DISPLAY STATUS
```

```
*-CHANGE RECORD
  START DATE      nnnnnn
  NUMBER OF DAYS      nn    SHIFT 1  SHIFT 2  SHIFT 3    USE ROLL UP/DOWN
  NEW SHIFT LENGTH           nn.n     nn.n     nn.n      F01 RESTART FACILITY
  INCREMENTAL RESOURCE       nn.n-    nn.n-    nn.n-     F04 ADD RECORDS
  SOURCE DESCRIPTION        aaaaaaaaaaaaaaaaaaaaaaaA25   F06 DELETE RECORDS
                                                         F19 RETURN TO SELECT
                                                         F23 DISPLAY STATUS
```

## What to do

- To change a variable capacity record, type in a reference number and press **Enter**. The record associated with the reference number appears on the bottom half of the display. Type in the necessary changes for this record and press **Enter** again. The changed record appears on the top half of the display.
- To see the variable capacity records for the production facility from the beginning, use **F01**.
- To delete a variable capacity record for a production facility, use **F06**. Go to display AMVTC4.
- To review the status of and end the session, use **F23**. Go to display AMVTC6.

## Function keys

USE ROLL UP/DOWN allows you to scroll forward and backward through the variable capacity records associated with this facility.

F01 RESTART FACILITY shows all variable capacity records for this facility starting with the first based on the Include for Review code entered on Select display AMVTC1.

F04 ADD RECORDS causes the Variable Capacity Maintenance (Add) display (AMVTC2) to appear.

F06 DELETE RECORDS causes the Variable Capacity Maintenance (Delete) display (AMVTC4) to appear.

F19 RETURN TO SELECT causes the Variable Capacity Maintenance (Select) display (AMVTC1) to appear.

F23 DISPLAY STATUS causes the Variable Capacity Maintenance (Status) display (AMVTC6) to appear.

## Fields

***SITE (STID).*** This field contains the site identifier of the facility. This field appears only if EPDM is activated.

***REF NBR (Reference Number) (REFNO).*** This field contains an application-assigned number used to select a specific record to be changed or deleted.

***ENTER CHANGE REFERENCE NUMBER.*** Type in the reference number of the variable capacity record you want to change and press **Enter**.

For a description of the other fields on this display, see AMVTC2—Variable Capacity Maintenance (Add).

# AMVTC4—Variable Capacity Maintenance (Delete)

Use this display to delete an individual variable capacity record for a facility.

This display appears when you select action D (Delete) on the Variable Capacity Maintenance (Select) display (AMVTC1) or when you use **F06 (Delete)** on either display AMVTC2 or AMVTC3.

When this display first appears, the bottom half is blank except for the function keys and the ***ENTER DELETE REFERENCE NUMBER*** field. When you type in a delete reference number and press **Enter**, the record you want to delete appears on the bottom half of the display.

```
DATE **/**/**          VARIABLE CAPACITY MAINTENANCE      DELETE     AMVTC4  **
SITE ***

*************** *****   DESCRIPTION ****************************************

 REF  START  NBR  -SHIFT LENGTH- -RESOURCE UNITS-
 NBR  DATE   DAYS   1    2    3    1     2     3    SOURCE DESCRIPTION
 - TOP OF DATA -  **.* **.* **.* **.*- **.*- **.*- *************** BASE VALUES
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- *************************
  * **/**/**  **  **.* **.* **.* **.*- **.*- **.*- ************************* +

  ENTER DELETE REFERENCE NUMBER n

                                                     USE ROLL UP/DOWN
                                                     F01 RESTART FACILITY
                                                     F04 ADD RECORDS
                                                     F05 CHANGE RECORDS
                                                     F19 RETURN TO SELECT
                                                     F23 DISPLAY STATUS
```

```
*-DELETE RECORD
  START DATE      ******
  DAYS AVAILABLE     **                              USE ROLL UP/DOWN
  SOURCE DESCRIPTION    *************************    F01 RESTART FACILITY
                                                     F04 ADD RECORDS
  PRESS ENTER TO DELETE THIS VARIABLE CAPACITY       F05 CHANGE RECORDS
                                                     F19 RETURN TO SELECT
                                                     F23 DISPLAY STATUS
```

## What to do

- To delete a variable capacity record, type in a reference number and press **Enter**. The record associated with the reference number appears on the bottom half of the display. Press **Enter** again to flag the record for deletion. The flagged record appears on the top half of the display.
- To see the variable capacity records for the production facility from the beginning, use **F01**.
- To add a variable capacity record for a production facility, use **F04**. Go to display AMVTC2.

- To change a variable capacity record for a production facility, use **F05**. Go to display AMVTC3.
- To review the status of and end the session, use **F23**. Go to display AMVTC6.

## Function keys

USE ROLL UP/DOWN allows you to scroll forward and backward through the variable capacity records associated with this facility.

F01 RESTART FACILITY shows all variable capacity records for this facility starting with the first based on the Include for Review code entered on Select Display AMVTC1.

F04 ADD RECORDS causes the Variable Capacity Maintenance (Add) display (AMVTC2) to appear.

F05 CHANGE RECORDS causes the Variable Capacity Maintenance (Change) display (AMVTC3) to appear.

F19 RETURN TO SELECT causes the Variable Capacity Maintenance (Select) display (AMVTC1) to appear.

F23 DISPLAY STATUS causes the Variable Capacity Maintenance (Status) display (AMVTC6) to appear.

## Fields

***SITE (STID).*** This field contains the site identifer of the facility. This field appears only if EPDM is activated.

***REF NBR (Reference Number) (REFNO).*** This field contains an application-assigned number used to select a specific record to be changed or deleted.

***ENTER DELETE REFERENCE NUMBER.*** Type in the reference number of the variable capacity record you want to delete.

For a description of the other information fields on the top half of this display, see AMVTC2—Variable Capacity Maintenance (Add).

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# AMVTC5—Variable Capacity Maintenance (Delete All)

Use this display to delete all of the variable capacity records for a facility.

This display appears when you select action 9 (Delete All) on the Variable Capacity Maintenance (Select) display (AMVTC1).

**Note:** Use **ROLL UP/DOWN** and **F01** to review the records for this facility. As a safeguard, it is necessary to press **Enter** twice before all variable capacity records for the facility are deleted. When you are satisfied that these variable capacity records are to be deleted, press **Enter**. Then, to delete all variable capacity records for this facility, press **Enter** again.

```
DATE **/**/**          VARIABLE CAPACITY MAINTENANCE      DELETE ALL AMVTC5   **
SITE ***

*************** *****   DESCRIPTION ****************************************

      START  NBR  -SHIFT LENGTH- -RESOURCE UNITS-
      DATE   DAYS   1    2    3    1     2     3   SOURCE DESCRIPTION
 - TOP OF DATA -  **.* **.* **.* **.*- **.*- **.*- *************** BASE VALUES
   **/**/**   **  **.* **.* **.* **.*- **.*- **.*- *************************
   **/**/**   **  **.* **.* **.* **.*- **.*- **.*- *************************
   **/**/**   **  **.* **.* **.* **.*- **.*- **.*- *************************
   **/**/**   **  **.* **.* **.* **.*- **.*- **.*- *************************
   **/**/**   **  **.* **.* **.* **.*- **.*- **.*- *************************
   **/**/**   **  **.* **.* **.* **.*- **.*- **.*- *************************
   **/**/**   **  **.* **.* **.* **.*- **.*- **.*- *************************
   **/**/**   **  **.* **.* **.* **.*- **.*- **.*- ************************* +


  PRESS ENTER TWICE TO DELETE ALL VARIABLE CAPACITY FOR THIS WORK CENTER

                                                        USE ROLL UP/DOWN
                                                        F01 RESTART FACILITY
                                                        F19 RETURN TO SELECT
                                                        F23 DISPLAY STATUS
```

## What to do

- To delete all variable capacity records for a production facility, press **Enter**. Press **Enter** again to flag all the records for deletion. Go to display AMVTC1.
- To see the variable capacity records for the production facility from the beginning, use **F01**.
- To review the status of and end the session, use **F23**. Go to display AMVTC6.

## Function keys

USE ROLL UP/DOWN allows you to scroll forward and backward through the variable capacity records associated with this facility if the word CONTINUED appears.

F01 RESTART FACILITY shows all variable capacity records for this facility starting with the first based on the Include for Review code entered on Select display AMVTC1.

F19 RETURN TO SELECT causes the Variable Capacity Maintenance (Select) display (AMVTC1) to appear.

F23 DISPLAY STATUS causes the Variable Capacity Maintenance (Status) display (AMVTC6) to appear.

## Fields

For a description of the fields on this display, see AMVTC2—Variable Capacity Maintenance (Add).

## AMVTC6—Variable Capacity Maintenance (Status)

Use this display to review the status of the current maintenance session.

This display appears when you use **F23 DISPLAY STATUS** on the Select (AMVTC1), Add (AMVTC2), Change (AMVTC3), Delete (AMVTC4), or Delete All (AMVTC5) display.

```
DATE **/**/** A2       VARIABLE CAPACITY MAINTENANCE      STATUS     AMVTC6   **

                       MAINTENANCE NUMBER         ***

                       -----SESSION STATISTICS------
                       ADDS ENTERED           *******
                       CHANGES ENTERED        *******
                       DELETES ENTERED        *******
                       DELETE ALL ENTERED     *******

                       TOTAL TRANSACTIONS     *******



                                                        F24 END OF JOB
```

### What to do

- To end the session and schedule the Variable Capacity Master File Maintenance report (AMVTC) for printing, use **F24**. Go to display AMVT70.
- To return to the previous display, press **Enter**.

### Function keys

**F24** END OF JOB causes the Production Facility Maintenance display (AMVT70) to appear.

### Fields

All the fields on this display are information only.

***SESSION STATISTICS.***

***ADDS ENTERED***: This field contains the number of variable capacity add transactions.

***CHANGES ENTERED***: This field contains the number of variable capacity change transactions.

***DELETES ENTERED***: This field contains the number of variable capacity delete transactions.

***DELETE ALL ENTERED***: This field contains the number of Delete All transactions entered.

# Option 6. Employee Master (AMJM50)

Use this option to work with a record in the Employee Master file. If Payroll is installed, you can change an existing record. If Payroll is not installed, you can add, change, or delete an Employee record.

**What information you need:**

- The employee number that identifies the employee whose master record you want to work with.
- The completed entry form containing the employee information.

**What report is printed:** Employee Maintenance Register (AMJFA)

**What forms you need:** None.

The steps for working with employee records follow each display.

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# AMJFA1—Employee Maintenance (Select)

Use this display to specify the employee record you want to work with and the action you want to take.

**Note:** You cannot delete an employee record if any transactions exist for that employee and/or if PR is installed. You cannot add an employee using this program if PR is installed.

This display appears when you select option 6 on the PM&C File Maintenance menu (AMJM50).

```
DATE **/**/**          EMPLOYEE MAINTENANCE        SELECT    AMJFA1  **

 EMPLOYEE aaaA5
 ACTION   A
        A ADD
        C CHANGE
        D DELETE



                              F24 DISPLAY STATUS
```

## What to do

- To add an employee record, type the employee number in the ***EMPLOYEE*** field and **A** in the ***ACTION*** field. This action is valid only if Payroll is not installed. Press **Enter**.
- To change an employee record, type the employee number in the ***EMPLOYEE*** field and **C** in the ***ACTION*** field. Press **Enter**.
- To delete an employee record, type the employee number in the ***EMPLOYEE*** field and **D** in the ***ACTION*** field. This action is valid only if Payroll is not installed. Press **Enter**.
- To view the session status, use **F24**. Go to the Employee Maintenance (Status) display (AMJFA5).

## Function keys

F24 DISPLAY STATUS causes the Employee Maintenance (Status) display (AMJFA5) to appear.

## Fields

**[?]** appears next to a field name in the following field definitions to identify a field from which you can begin a master file search.

***EMPLOYEE [?].*** The number that identifies the employee. This field is required.

***ACTION.*** This field is required. Type in one of the following action codes:

**A** Add employee information. This action is valid only if Payroll is not installed.

**C** Change employee information.

**D** Delete employee information. This action is valid only if Payroll is not installed.

# AMJFA2—Employee Maintenance (Add/Change/Delete)

Use this display to change an existing employee record in the Employee Master file. If Payroll is not installed, you can use this display to add a new employee record, or delete an existing record. If Payroll is installed, you will not be able to change the employee's name, address, or history information.

This display appears when you select action code A, C, or D on the Employee Maintenance (Select) display (AMJFA1).

```
 DATE **/**/**          EMPLOYEE MAINTENANCE        ******    AMJFA2  **

EMPLOYEE    *****      NAME aaaaaaaaaaaaaaaaaaaaaA25

DEPARTMENT  aaA4
FACILITY ID aaaA5
OCCUPATION  aaaaaaaA10
WORK  CREW  aA3          MULTI-JOB <Y/N> A

SHIFT <1-3> n          SCHEDULE <1-999> nnn

ADDRESS     aaaaaaaaaaaaaaaaaA20
CITY/STATE  aaaaaaaaaaaaaaaaaA20    ZIP aaaaaaA10 TELEPHONE  nnn nnnnnnn

COMPANY     nn
HIRE        nnnnnn
TERMINATE   nnnnnn


              P R E S S   E N T E R   T O   D E L E T E

                                    F18 REFRESH SCREEN
                                    F19 RETURN TO SELECT
```

## What to do

- Type the employee information in the appropriate fields and press **Enter**. One of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If no errors are found, return to the previous display.
- To restore the fields on the display to their original values, use **F18** and return to the previous display.
- To cancel any information typed on the display and return to the previous display, use **F19**.

## Function keys

F18 REFRESH SCREEN restores the fields on this display to their original values, and the display appears again.

F19 RETURN TO SELECT causes the Employee Maintenance (Select) display (AMJFA1) to appear again. No file updating occurs.

## Fields

***EMPLOYEE.*** The employee number you entered on the Select display. No field entry is allowed.

***NAME.*** The full name of the employee. This field is required.

***DEPARTMENT.*** The code that identifies the department where the employee works. If Payroll is installed, this field is informational only.

***FACILITY ID.*** The code that identifies the production facility where the employee is located. This field is required. If Payroll is installed, this field is informational only.

***OCCUPATION.*** The normal occupation of the employee.

***WORK CREW.*** The ID of the crew, if any, to which the employee is assigned.

***MULTI-JOB <Y/N>.*** Type in **Y** if the employee is authorized to work on more than one job at a time, otherwise, type in **N**.

***SHIFT <1-3>.*** The shift that the employee works.

***SCHEDULE <1-999>.*** The work schedule for this employee.

***ADDRESS.*** The street address of the employee. This field will not appear if you do not have authority to maintain it.

***CITY/STATE.*** The city and state of the employee. This field will not appear if you do not have authority to maintain it.

***ZIP.*** The zip code of the employee. This field will not appear if you do not have authority to maintain it.

***TELEPHONE.*** The area code and telephone number of the employee. This field will not appear if you do not have authority to maintain it.

***COMPANY.*** The code that identifies the company the employee usually works for. The numbers 1 through 89 are valid.

***HIRE.*** The date of hire.

***TERMINATE.*** The termination date of a terminated employee.

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# AMJFA3—Employee Maintenance (Status)

Use this display to view information about the activity from the current file maintenance session. The fields on this display are informational.

This display appears when you use **F24** on the Employee Maintenance (Select) display (AMJFA1).

```
DATE **/**/**        EMPLOYEE MAINTENANCE      STATUS    AMJFA3  **

                              EMPLOYEE
                               MASTER
           SESSION STATUS                  FILE

              RECORDS ADDED          *******
              RECORDS CHANGED          *******
              RECORDS DELETED         *******
              MAINTENANCE NUMBER          ***




                                 F24 END OF JOB
```

## What to do

- To return to the Employee Maintenance (Select) display, press **Enter**.
- To end the session, use **F24**. The application schedules the Employee Maintenance Register (AMJFA) for printing.

## Function keys

F24 END OF JOB causes the Employee Maintenance Register (AMJFH) to be scheduled for printing.

## Fields

***SESSION STATUS.*** The number of records maintained in the Employee Master file during this session.

> ***RECORDS ADDED:*** The number of records added during the file maintenance session.
>
> ***RECORDS CHANGED***: The number of records changed during the file maintenance session.
>
> ***RECORDS DELETED***: The number of records deleted during the file maintenance session.

***MAINTENANCE NUMBER***: The system-assigned batch number associated with the file maintenance session (for audit trails).

# Option 7. Work Schedule (AMJM50)

Use this option to add a new work schedule to the Work Schedule Master file, or change or delete a work schedule already in the file.

**What information you need:** The schedule number that identifies the schedule you want to add, change or delete

**What report is printed:** Work Schedule Maintenance Register (AMJFB)

**What forms you need:** None.

The steps for working with work schedules follow each display.

# AMJFB1—Work Schedule Maintenance (Select)

Use this display to specify the work schedule with which you want to work and the action you want to take.

This display appears when you select option 7 on the PM&C File Maintenance menu (AMJM50).

```
 DATE **/**/**      WORK SCHEDULE MAINTENANCE     SELECT   AMJFB1  **

SCHEDULE nnn
  ACTION A
         A ADD
         C CHANGE
         D DELETE















                              F24 DISPLAY STATUS
```

## What to do

- To add, change, or delete a schedule, type the schedule number in the ***SCHEDULE*** field, specify an action, and press **Enter**. If there are no errors, go to the Work Schedule Maintenance (Add/Change/Delete) display (AMJFB2).
- To view the session status, use **F24**. Go to the Work Schedule Maintenance (Status) display (AMJFB3).

## Function keys

F24 DISPLAY STATUS causes the Work Schedule Maintenance (Status) display (AMJFB5) to appear.

## Fields

***SCHEDULE.*** The number of the schedule with which you want to work. Valid values are 1—999. This field is required.

***ACTION CODE.*** This field is required. Type in one of the following codes:

**A** Add a schedule
**C** Change a schedule
**D** Delete a schedule

## AMJFB2—Work Schedule Maintenance (Add/Change/Delete)

Use this display to add a new work schedule or change or delete an existing work schedule in the work schedule master file.

This display appears when you select action code A, C, or D on the Work Schedule Maintenance (Select) display (AMJFB1).

```
 DATE **/**/**        WORK SCHEDULE MAINTENANCE       ******    AMJFB2  **

 SCHEDULE ***       SHIFT LENGTH  nnnn

                 EARLY  LATE STANDARD             EARLY  LATE STANDARD
 T/A SHIFT START    nnnn   nnnn   nnnn    LUNCH OUT  nnnn   nnnn   nnnn
    LUNCH RETURN  nnnn   nnnn   nnnn     SHIFT END  nnnn   nnnn   nnnn

 JOB SHIFT START    nnnn   nnnn   nnnn    LUNCH OUT  nnnn   nnnn   nnnn
    LUNCH RETURN  nnnn   nnnn   nnnn     SHIFT END  nnnn   nnnn   nnnn

 LUNCH EXTRACT<Y/N> A     START  nnnn    SHIFT EXTENSION HOURS    nnnn
                    END    nnnn   DATE BY START/END <S/E>  A

                 PAID   START  STOP    PAY BASIS <A/D/J>        A
 JOB BREAKS   1     A     nnnn   nnnn    CALCULATE VARIANCE <Y/N> A
            2     A     nnnn   nnnn    VARIANCE LIMIT <00-59>   nn
            3     A     nnnn   nnnn    VARIANCE DEPT/FAC   aaA4  aaaA5
            4     A     nnnn   nnnn    PAID BREAK DEPT/FAC aaA4  aaaA5

            5     A     nnnn   nnnn    T/A REQUIRED <Y/N>       A

                 P R E S S   E N T E R   T O   D E L E T E

                                    F18 REFRESH SCREEN
                                    F19 RETURN TO SELECT
```

### What to do

- Type the work schedule information in the appropriate fields and press **Enter**. One of the following occurs:
  - If errors are found, the same display appears again with the incorrect fields highlighted.
  - If no errors are found, return to the previous display.
- To restore the fields on the display to their original values, use **F18** and return to the previous display.
- To cancel any information typed on the display and return to the previous display, use **F19**.

### Function keys

F18 REFRESH SCREEN restores the fields on this display to their original values, and the display appears again.

F19 RETURN TO SELECT causes the Work Schedule Maintenance (Select) display (AMJFB1) to appear again. No file updating occurs.

## Fields

***SCHEDULE.*** The schedule number you entered on display AMJFB1.

***SHIFT LENGTH.*** This field is informational, and is calculated based on the information entered into the work schedule as: standard time less lunch break less unpaid breaks. Paid breaks are included in the shift length.

***T/A.*** Type early, late, and standard times in the following fields if employees assigned to this schedule report time and attendance and if you want the reported times adjusted at the shift's start and end:

SHIFT START
LUNCH OUT
LUNCH RETURN
SHIFT END

***JOB.*** Type early, late, and standard times in the following fields if employees assigned to this schedule report job times and if you want these reported times adjusted at the shift's start and end:

SHIFT START
LUNCH OUT
LUNCH RETURN
SHIFT END

***LUNCH EXTRACT<Y/N>.*** Type in **Y** to subtract lunch time from time and attendance records and job records that span the lunch period. Type in **N** if lunch times are not extracted. Employees are then required to punch in and out when leaving for and returning from lunch.

***START.*** The normal starting time for lunch if both of the following conditions exist:

- Lunch times are extracted from job and time and attendance records.
- Employees are not required to report time taken for lunch (early, standard and late times for LUNCH OUT and LUNCH RETURN are undefined for this schedule.)

***SHIFT EXTENSION HOURS.*** The maximum number of overtime hours that an employee assigned to this schedule can work. This value is added to the employee's shift end time during transaction selection to determine the latest time for which transactions will be included.

For instance, if you have a shift that ends at 16:00, and if you enter a maximum overtime hours of 2:00, transactions for employees of that shift are considered part of the day's activity if they were entered before 18:00.

***END.*** The normal ending time for lunch if both of the following conditions exist:

- Lunch times are extracted from job and time and attendance records.
- Employees are not required to report time taken for lunch (early, standard and late times for LUNCH OUT and LUNCH RETURN are undefined for this schedule.)

***DATE BY START/END <S/E>.*** This code determines whether a day's activity is dated as of the date on which the shift started or on which it ended. This has no effect on shifts that do not span midnight. Use one of these codes:

**S** Activity is dated as of the shift start date. This is the default.

**E** Activity is dated as of the shift end date.

***PAY BASIS <A/D/J>.*** A code that indicates how pay is calculated for this employee:

**A** Pay by time and attendance only—if employees are paid according to time and attendance records and if you do not want order activity passed to Payroll for the Order Distribution Register.

**D** Pay by time and attendance with job detail—if employees are paid according to time and attendance records, and if you do want order activity passed to Payroll for the Order Distribution Register.

**J** Pay by job—if employees are paid by job time records.

***JOB BREAKS.*** A three-part field consisting of a code that indicates whether breaks on this schedule are paid or non-paid, the break start time, and the break stop time. For each break an employee working this schedule receives, type in one of these codes in the ***PAID*** field:

**P** The break is paid
**N** The break is not paid

Then type in the START and STOP times for each break.

***CALCULATE VARIANCE <Y/N>.*** Type in **Y** to calculate employee variance time. Otherwise, type in **N**. Variance time is time the employee was present minus any time accounted for by job records and paid and unpaid breaks.

***VARIANCE LIMIT <00-59>.*** If variance time is calculated, specify a limit in minutes. If pay is by job, employees are paid for this variance time if the limit is not exceeded.

***VARIANCE DEPT/FAC.*** If variance is calculated, specify a department or facility (or both) to be charged for the variance time. If no value is entered, the employee's home department and facility are charged.

***PAID BREAK DEPT/FAC.*** If employees are paid for breaks, specify a department or facility (or both) to be charged for paid break times. If no value is entered, the employee's home department and facility are charged.

***T/A REQUIRED <Y/N>.*** Type **Y** to indicate that a T/A transaction is required for all employees using this work schedule. Type **N** to indicate that a T/A transaction is not required. Normally, in an off-only reporting system, the first OF (off) transaction uses the T/A IN transaction to calculate the first job ON time.

If you type N in this field and no T/A record exists for the employee, the start time for the first job is the start of the shift time. If you type Y in this field and no T/A record exists, an error is recorded.

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# AMJFB3—Work Schedule Maintenance (Status)

Use this display to view information about the activity from the current file maintenance session. The fields on this display are informational.

This display appears when you use **F24** on the Work Schedule Maintenance (Select) display (AMJFB1).

```
DATE **/**/**        WORK SCHEDULE MAINTENANCE       STATUS    AMJFB3  **

                                  WORK
                                SCHEDULE
          SESSION STATUS                FILE

             RECORDS ADDED             *******
             RECORDS CHANGED             *******
             RECORDS DELETED            *******
             MAINTENANCE NUMBER            ***




                                F24 END OF JOB
```

## What to do

- To return to the Work Schedule Maintenance (Select) display, press **Enter**.
- To end the session, use **F24**. The application schedules the Work Schedule Maintenance Register (AMJFB) for printing.

## Function keys

F24 END OF JOB causes the Work Schedule Maintenance Register to be scheduled for printing. The Work Schedule Maintenance (Select) display (AMJFB1) appears again.

## Fields

***SESSION STATUS.*** The number of records maintained in the Work Schedule file during this session.

> ***RECORDS ADDED***: The number of records added during the file maintenance session.
>
> ***RECORDS CHANGED***: The number of records changed during the file maintenance session.
>
> ***RECORDS DELETED***: The number of records deleted during the file maintenance session.

***MAINTENANCE NUMBER***: The system-assigned batch number associated with the file maintenance session (for audit trails).

# Option 8. Control File (AMJM50)

Use this option to access the PM&C Control File Maintenance display AMJ5Z1 that allows you to set tailoring options that control how PM&C handles certain functions. These options are in addition to those defined during Install/Tailor.

**What information you need:** None.

**What report is printed:** None.

**What forms you need:** None.

These options remain in effect until changed.

## AMJ5Z1—Control File Maintenance

Use this display to enter and maintain PM&C Control File options.

This display appears when you use choose option 8 on the File Maintenance menu (AMJM50). The defaults appear on the display as shown.

```
AMJ5Z1           PRODUCTION MONITORING & CONTROL
               Control File Maintenance

Select tailoring options

 Crew clock time limit . . . . . 60        Number of seconds . . . nnn










F3=Exit   F12=Cancel
```

### What to do

Type in the information requested and press **Enter**. The PM&C Control file is updated.

### Function keys

F3=Exit returns to the File Maintenance menu (AMJM50).

F12=Cancel returns to the File Maintenance menu (AMJM50). No change is made.

### Fields

***Crew clock time limit.*** The maximum time limit allowed between crew clock transactions.

***Number of seconds.*** The maximum number of seconds allowed between crew clock transactions.

# Chapter 8. File Listings

When you select option 6 on the Production Monitoring and Control Main Menu (AMJM00), the File Listings menu (AMJM60) appears. This menu has 3 options to print the contents of the master files so you can verify their content.



```
AMJM60               Production Monitoring and Control              **********
                                File Listings

Type option or command; press Enter.

     1. Production Facility
     2. Employee Master
     3. Work Schedule









==> _________________________________________________________________________

F3=Exit          F4=Prompt     F9=Retrieve    F10=Actions
F11=Job status   F12=Return    F22=Messages
```

**Option 1. Production Facility**. Use this option to print a listing of the production facilities in the Production Facility file. This option is not available if EPDM is activated.

**Option 2. Employee Master**. Use this option to print a listing of the contents of the Employee Master file.

**Option 3. Work Schedule**. Use this option to print a listing of the schedules defined in the Work Schedule Master file.

# Option 1. Production Facility (AMJM60)

Use this option to list the information in the Production Facility Master file.

This option is not available if EPDM is activated.

**What information you need:**

- The sequence in which you want the listing to print
- The department numbers for which you want to list production facility information.

**What report is printed:** Production Facility Listing (AMV43)

**What forms you need:** None.

The steps for printing a listing follow the display.

# AMJGA1—Production Facility List (Select)

Use this display to specify the order in which you want the listing to print, and the range of information you want to include.

This display appears when you select option 1 on the PM&C File Listings menu (AMJM60).

```
DATE **/**/**            PRODUCTION FACILITY LIST        SELECT     AMJGA1   **

SEQUENCE n
         1-FACILITY
         2-FACILITY WITHIN DEPARTMENT

FROM DEPARTMENT aaA4 TO aaA4









                                                          F24   END OF JOB
```

## What to do

- Type in the following information to print the Production Facility Listing:
  - Type **1** in the ***SEQUENCE*** field to print the listing by production facility number, or **2** to print the listing by production facility within department
  - Type in a beginning or ending department number, or both.
- Press **Enter**. The application schedules the Production Facility Listing for printing.
- To end the session without printing the listing, use **F24**. Go to the PM&C File Listings menu (AMJM60).

## Function keys

F24 END OF JOB cancels the job and causes the PM&C File Listings menu (AMJM60) to appear again. No file listing is printed.

## Fields

***SEQUENCE.*** Select the sequence in which you want the listing printed. Type in **1** to sequence the listing by facility. Type in **2** to sequence the listing by facility within department.

***FROM DEPARTMENT.*** A beginning or ending department, or both, may be entered. If you type in only a beginning department, all facilities for that department and higher departments are printed. If you type in only an ending department, all facilities for that department and lower departments are printed.

## Option 2. Employee Master (AMJM60)

Use this option to list the information in the Employee Master file.

**What information you need:**

- The sequence in which you want the listing to print
- The department numbers for which you want to list employee information.

**What report is printed:** Employee Listing (AMJGC)

**What forms you need:** None.

The steps for listing the Employee Master file contents follow the display.

## AMJGA2—Employee List (Select)

Use this display to specify the order in which you want the listing to print, and the range of information you want to include.

This display appears when you select option 2 on the PM&C File Listings menu (AMJM60).

```
DATE **/**/**                EMPLOYEE LIST            SELECT     AMJGA2   **

SEQUENCE n
         1-EMPLOYEE NUMBER
         2-EMPLOYEE NUMBER WITHIN DEPARTMENT

FROM DEPARTMENT aaA4 TO aaA4


PRINT TERMINATED EMPLOYEES<Y,N> A










                                                          F24  END THE JOB
```

### What to do

- Type in the following information to print the Employee Listing
  - Type **1** in the ***SEQUENCE*** field to print the listing by employee number, or **2** to print the listing by employee number within department
  - Type in a beginning or ending department number, or both.
- Press **Enter**. The application schedules the Employee Listing for printing.
- To end the session without printing the listing, use **F24**. Go to the PM&C File Listings menu (AMJM60).

### Function keys

F24 END THE JOB cancels the job and causes the PM&C File Listings menu (AMJM60) to appear again. No file listing is printed.

### Fields

***SEQUENCE.*** Select the sequence in which you want the listing to print. Type in **1** to sequence the listing by employee number. Type in **2** to sequence the listing by employee within department.

***FROM DEPARTMENT.*** A beginning or ending department, or both, may be entered. If you type in only a beginning department, all employees for that department and higher departments are printed. If you type in only an ending department, all employees for that department and lower departments are printed.

***PRINT TERMINATED EMPLOYEES<Y,N>.*** Type in **Y** to print the terminated employees. Type in **N** if you do not want to print the terminated employees.

## Option 3. Work Schedule (AMJM60)

Use this option to list the information in the Work Schedule file.

**What information you need:** The beginning and ending work schedule numbers that you want to print.

**What report is printed:** Work Schedule Listing (AMJGE)

**What forms you need:** None.

The steps for listing the Work Schedule file contents follow the display.

## AMJGD1—Work Schedule List (Select)

Use this display to specify the order in which you want the listing to print, and the range of information you want to include.

This display appears when you select option 3 on the PM&C File Listings menu (AMJM60).

```
DATE **/**/**               WORK SCHEDULE LIST          SELECT     AMJGD1   **


        BEGINNING WORK SCHEDULE   nnn

           ENDING WORK SCHEDULE   nnn










                                                    F24 CANCEL JOB
```

### What to do

- Type in the beginning and ending work schedule numbers that you want to print, or leave the fields blank to print all schedules. Press **Enter**. The application schedules the Work Schedule Listing for printing.
- To end the session without printing the listing, use **F24**. Go to the PM&C File Listings menu (AMJM60).

### Function keys

F24 CANCEL JOB cancels the job and causes the PM&C File Listings menu (AMJM60) to appear again. No file listing is printed.

### Fields

***BEGINNING WORK SCHEDULE.*** A beginning or ending work schedule, or both, may be entered. If you type in only a beginning work schedule, all work schedules with higher numbers are printed.

***ENDING WORK SCHEDULE.*** You can type a beginning or ending work schedule, or both. If you type in only an ending work schedule, all work schedules with lower numbers are printed.

# Chapter 9. Plant Operations Interface

When you select option 7 on the Production Monitoring and Control Main Menu (AMJM00), the Plant Operations Interface menu (AMJM70) appears. This menu has 7 options to monitor and maintain the communications interface between a System i host system and remote locations in a distributed data collection system.

```
AMJM70                Production Monitoring and Control              **********
                           Plant Operations Interface

Type option or command; press Enter.

     1. Print/Purge Contents of Transaction Log
     2. Select Transaction Log Mode
     3. Select Trace Mode
     4. Print Transaction Definition Report by Transaction ID
     5. Print Transaction Definition Report by Format Name
     6. Maintain ICF Device Entries and Remote Destinations
     7. Maintain Remote User Profiles

 _________________________________________________________________________

F3=Exit          F4=Prompt    F9=Retrieve    F10=Actions
F11=Job status   F12=Return   F22=Messages
```

**Option 1. Print/Purge Contents of Transaction Log**. Use this option to print or remove the transaction information contained in the Transaction Log file.

**Option 2. Select Transaction Log Mode**. Use this option to specify whether Plan Operations Interface automatically reuses entries in the Transaction Log file or places them in the Transaction Log Audit Report for review before they are removed.

**Option 3. Select Trace Mode**. Use this option to control diagnostic tools that are used for monitoring the communications activity across Plant Operations Interface.

**Option 4. Print Transaction Definition Report by Transaction ID**. Use this option to print one or more of the transactions supported by Plant Operations Interface and the associated transaction format information. The report is arranged by transaction ID within group code.

**Option 5. Print Transaction Definition Report by Format Name**. This option is the same as option 4, except that the report is arranged by format name within group code.

**Option 6. Maintain ICF Device Entries and Remote Destinations**. Use this option to add, change, delete, or view information about the communication devices attached to the System i and remote destinations.

**Option 7. Maintain Remote User Profiles**. Use this option to add, change, delete, or view information about user profiles on remote systems

For more information on using the Plant Operations Interface options, see the *XA Plant Operations Interface Guide*.

# Chapter 10. Report descriptions

This chapter contains samples of the major reports that the PM&C application produces. Depending on which functions you choose when you tailor the application to your company's needs, you may not need some of the reports described. Each report has a unique identification number in the upper right corner. This number is listed along with the report name. You can use either the identification number or the report name to identify a report.

*Table 10-1. (Page 1 of 2) List of reports, sorted by report ID*

*Table 10-1. (Page 2 of 2) List of reports, sorted by report ID*

| ID | Report | See page |
|---|---|---|
| AMJFB | Work Schedule Maintenance Register | 10-70 |
| AMJGC | Employee List | 10-8 |
| AMJGE | Work Schedule List | 10-68 |
| AMQ361 | Repetitive Transaction Register - Posted Transactions | Note 4 |
| AMQ362 | Repetitive Transaction Register - Transactions Totals | Note 4 |
| AMV3G | Inventory Transaction Register | Note 2 |
| AMV411 | Receiving Tickets - Purchase Order | 10-30 |
| AMV43 | Production Facility Report | Note 3 |
| AMV750 | Work List | Note 1 |
| AMVT7 | Production Facility Maintenance | Note 3 |
| AMVTC | Variable Capacity Master File Maintenance | Note 5 |

*Table 10-2. (Page 1 of 2) List of reports, sorted by report name*

| Report | ID | See page |
|---|---|---|
| Absence Entry and Approval Edit List | AMJDB | 10-4 |
| Cost Totals Sheet | AMC310 | Note 1 |
| Employee Absence List | AMJDD | 10-6 |
| Employee List | AMJGC | 10-8 |
| Employee Maintenance Register | AMJFA | 10-10 |
| Employee Status / Activity Report | AMJBL | 10-12 |
| Inventory Transaction Register | AMV3G | Note 2 |
| Labor Tickets | AMC34 | 10-14 |
| Labor Transaction Preview | AMJCN | 10-16 |
| Manufacturing Order Detail File Maintenance Edit List | AMI7E | Note 2 |
| Manufacturing Order Master Maintenance Edit List | AMI7D | Note 2 |
| Mfg Order Miscellaneous Detail File Maintenance | AMC622 | Note 1 |
| Mfg Order Operation Detail File Maintenance | AMC613 | Note 1 |
| Material Picking List – By Order | AMI9I1 | 10-20 |
| Material Picking List – By Order | AMI9I3 | 10-24 |
| Material Picking List – Consolidated | AMI9I2 | 10-23 |
| Material Picking List – Consolidated | AMI9I4 | 10-26 |
| Order Status - Accounting Detail Report | AMC31A | Note 1 |
| Order Status - Accounting Summary Report | AMC31B | Note 1 |
| Order Status - Production Detail Report | AMC31A | Note 1 |
| Order Status - Production Summary Report | AMC31B | Note 1 |
| Production Facility Report | AMV43 | Note 3 |
| Production Facility Maintenance | AMVT7 | Note 3 |
| Receiving Tickets - Manufacturing Order | AMJBD | 10-28 |

*Table 10-2. (Page 2 of 2) List of reports, sorted by report name*

| Report | ID | See page |
|---|---|---|
| Receiving Tickets - Purchase Order | AMV411 | 10-30 |
| Repetitive Transaction Register - Posted Transactions | AMQ361 | Note 4 |
| Repetitive Transaction Register - Transactions Totals | AMQ362 | Note 4 |
| Shop Packet Worksheet | AMI4H1 | 10-32 |
| Shop Packet Worksheet | AMI4H2 | 10-39 |
| Shop Packet Worksheet | AMI4I1 | 10-44 |
| Shop Packet Worksheet | AMI4I2 | 10-51 |
| Temporary Badge List | AMJDI | 10-56 |
| Transaction Edit List | AMJCL | 10-57 |
| Transaction Log — by Controller | AMJCM1 | 10-65 |
| Transaction Log — by Employee | AMJCM3 | 10-65 |
| Transaction Log — by Station | AMJCM2 | 10-65 |
| Transaction Preparation Totals | AMJCQ | 10-67 |
| Variable Capacity Master File Maintenance | AMVTC | Note 5 |
| Work Center Analysis Report | AMC780 | Note 1 |
| Work List | AMV750 | Note 1 |
| Work Schedule List | AMJGE | 10-68 |
| Work Schedule Maintenance Register | AMJFB | 10-70 |

**Notes:**

1. See the *PC&C User's Guide* for more information on this report.
2. See the *IM User's Guide* for more information on this report.
3. See the *PDM User's Guide* for more information on this report. If this application is not installed, see the *PC&C User's Guide*.
4. See the *REP User's Guide* for more information on this report. If this application is not installed, see the *PC&C User's Guide*.
5. See the *CRP User's Guide* for more information on this report. If this application is not installed, see the *PC&C User's Guide*.

Following are sample reports for reports not belonging to another application or that are bar-coded, along with a listing and brief explanation (if appropriate) of each field.

# Absence Entry and Approval Edit List (AMJDB)

```
   NORTHCREEK IND. NO. 01           ABSENCE ENTRY AND APPROVAL EDIT LIST         DATE 11/30/
**  TIME 18.56.14  PAGE    1  AMJDB

      UPDATE# 152
          --EMPLOYEE--                        ABSENT                                      ---- START ----   ----- END -----
  ACTION  NUMBER  NAME                         CODE   TYPE  STATUS  DESCRIPTION    DATE      TIME     DATE      TIME

  ADD         80   TIM TOLAN                    A      P      A     ABSENCE       10/31/**   8:00   10/31/**   17:00

  DELETE      70   TOM BEST                     A      J      A     JAM            3/30/**   8:00    3/30/**    9:00

  CHANGE     100   THOMAS G. HINEMAN            A      A      A     AAAAAAAAAA     8/10/**   8:00    9/11/
**   8:00        BEFORE
                                                L      A      X     LATE ARRIV    12/01/**   8:00   12/01/
**  10:30        AFTER


         TOTAL NUMBER OF RECORDS ADDED                 1
```

To print this report, use option 1 on menu AMJM40. When you use F24 on the Absence Entry and Approval (Status) display (AMJDB5), the Absence Entry and Approval Edit List (AMJDB) is scheduled for printing.

This report shows all the changes made during the Administration session. The fields shown on this report are found on the Absence Entry and Approval displays. The file statistics shown at the bottom of the report should match the last display you reviewed of the Absence Entry and Approval (Status) display (AMJDB5).

## Fields

***ACTION.*** The action taken (for changes, the before and after images are shown).

***EMPLOYEE NUMBER.*** The employee number.

***EMPLOYEE NAME.*** The employee name.

***ABSENT CODE.*** The absence code. The valid codes are:

**A** Absent
**L** Late
**V** Vacation

***TYPE.*** The user-defined code that further identifies the type of absence requested.

***STATUS.*** The status of the request.

**A** Approved
**R** Requested but not approved
**X** Rejected

***DESCRIPTION.*** The description of the request.

***START DATE.*** The start date of the request.

***START TIME.*** The start time of the request.

***END DATE.*** The end date of the request.

***END TIME.*** The end time of the request.

# Employee Absence List (AMJDD)

```
   NORTHCREEK IND.                                  EMPLOYEE ABSENCE LIST                   DATE 11/30/
**  TIME 19.13.10  PAGE    1  AMJDD
                                                    EMPLOYEES FROM       80 TO       150
                                                    PERIOD FROM     0/00/00 TO 99/99/99
                                                    ABSENCE CODE   ALL
                                                    DELETION DATE   0/00/00

EMPLOYEE   EMPLOYEE                            DATE OF ABSENCE                                    ---- START ----      ----
- END -----
 NUMBER    NAME                                 HIRE     CODE     TYPE     STATUS    DESCRIPTION    DATE     TIME      DAT
E     TIME

    80     BOB BRAGUE                         12/15/**   A        P        A         ABSENCE        10/31/**   8:00    10/
31/**  17:00

    90     MAURY KALNITZ                       7/22/**   V        V        A         VACATION       12/01/**   8:00    12/
15/**  17:00

   100     JOHN GALVIN                         6/30/**   L        A        X         LATE ARRIV     12/01/**   8:00    12/
01/**  10:30

   140     TOM RYAN                           11/14/**   V        P        A         VACATION       11/30/**   8:00    12/
03/**  17:00
```

To print this report, use option 2 on menu AMJM40. When you press Enter from the Employee Absence List Options (Select) display (AMJDC1), the Employee Absence List (AMJDD) is scheduled for printing.

The range of employees and dates that you requested appears in the report heading, along with an indication of the employees you included and the date, if any, used to delete selected absence records from the file. The listing also shows a total number of records listed, and the total number of absence records that were deleted while the listing was running.

## Fields

***EMPLOYEE NUMBER.*** The employee number.

***EMPLOYEE NAME.*** The employee name.

***DATE OF HIRE.*** The date the employee was hired.

***ABSENCE CODE.*** The absence code. The valid codes are:

**A** Absent
**L** Late
**V** Vacation

***TYPE.*** The user-defined code that further identifies the type of absence requested.

***STATUS.*** The status of the request.

**A** Approved
**R** Requested but not approved
**X** Rejected

***DESCRIPTION.*** The description of the type of absence requested.

***START DATE.*** The starting date of the requested absence.

***START TIME.*** The starting time of the requested absence.

***END DATE.*** The ending date of the requested absence.

***END TIME.*** The ending time of the requested absence.

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# Employee List (AMJGC)

```
   NORTHCREEK IND.                                          EMPLOYEE LIST BY EMPLOYEE NUMBER        DATE 11/30/
**  TIME 19.21.53  PAGE    1  AMJGC

          NAME /                                      HOME                                 MULTI-
                     HIRE /
  NUMBER  ADDRESS                   ZIP    TELEPHONE    DEPT  FACID   OCCUPATION   CREW   JOB    SHIFT  SCHED  CO
TERMINATE

     80   BOB BRAGUE                       404/555-
8672  DP40  PURCH   STOCKER                Y       1    111      1  12/15/74
          1995 ASHVILLE ST
 0/00/00
          CHAMBLEE, GA            30302-0000

     90   MAURY KALNITZ                    404/555-
8742  DP50  PT065   PAINTING               Y       1    111      1   7/22/75
          35 SUMMIT DR
 0/00/00
          ATLANTA, GA             30301-0000

    100   JOHN GALVIN                      404/555-
4281  DP60  IN040   INSPECTOR              Y       1      1      1   6/30/72
          66 CHERRY BLOSSOM RD
 0/00/00
          DECATUR, GA             30303-0000
```

To print this report, use option 2 on menu AMJM60. When you press Enter from the Employee Listing (Select) display (AMJGA2), the Employee Listing (AMJGC) is scheduled for printing.

The list sequence that you selected is shown on the first line of the Listing. If you requested a range of departments it is shown on the second line. The Listing shows a total number of employees listed. If you requested a listing by department, you also see subtotals by department.

## Fields

***NUMBER.*** The employee number.

***NAME.*** The employee name.

***ADDRESS.*** The home address of the employee. This data will only print if you have authority to view this information.

***ZIP.*** The employee's home ZIP code. This data will only print if you have authority to view this information.

***TELEPHONE.*** The employee's home telephone number. This data will only print if you have authority to view this information.

***HOME DEPT.*** The department where the employee normally works.

***FACID.*** The production facility where the employee is located.

***OCCUPATION.*** The normal occupation of the employee.

***CREW.*** The ID of the work crew, if any, to which the employee is assigned.

***MULTI-JOB.*** Indicates if the employee may work on more than one job at a time.

***SHIFT.*** The employee’s shift.

***SCHED.*** The employee’s work schedule.

***CO.*** The company for which the employee usually works.

***HIRE.*** The employee’s hire date.

***TERMINATE.*** The employee’s termination date.

# Employee Maintenance Register (AMJFA)

```
   NORTHCREEK IND.                                      PRODUCTION MONITORING AND CONTROL            DATE   9/19/
**  TIME 17.09.04  PAGE    1  AMJFA
                                                          EMPLOYEE MAINTENANCE REGISTER
 BATCH  19


                 NAME                                                         HOME                              MULTI-
                    HIRE /
  ACTION  NUMBER  ADDRESS                        ZIP     TELEPHONE    DEPT  FAC     OCCUPATION CREW     JOB     SHIFT  SCH
ED  CO  TERMINATE


  BEFORE    150  JUDY VANDERVEEN                        404/555-
8742  DP52  FINIS   FINISHER    BJW     Y       2    111      1   1/15/**
                 23 AMSTERDAN CT
         0/00/00
                 ATLANTA, GA         30301-0000

  AFTER          JUDY VANDERVEEN                        404/555-
8742  DP52  FINIS   FINISHER    TWM     Y       2    111      1   1/15/**
                 23 AMSTERDAN CT
         0/00/00
                 ATLANTA, GA         30301-0000
```

To print this report, use option 6 on menu AMJM50. The Employee Maintenance Register (AMJFA) is scheduled for printing when you use F24 on the Employee Maintenance (Status) display (AMJFA3).

This report shows all the changes made during the file maintenance session. The fields shown on this report are found on the Employee Maintenance displays.

## Fields

***ACTION.*** The action taken (on changes, the before and after images are shown).

***NUMBER.*** The employee number.

***NAME.*** The employee name.

***ADDRESS.*** The home address of the employee. This data will only print if you have authority to maintain this information.

***ZIP.*** The employee's home ZIP code. This data will only print if you have authority to maintain this information.

***TELEPHONE.*** The employee's home telephone number. This data will only print if you have authority to maintain this information.

***HOME DEPT.*** The department where the employee normally works.

***FAC.*** The production facility where the employee is located.

***OCCUPATION.*** The normal occupation of the employee.

***CREW.*** The ID of the work crew, if any, to which the employee is assigned.

***MULTI-JOB.*** Indicates if the employee may work on more than one job at a time.

***SHIFT.*** The employee’s shift.

***SCHED.*** The employee’s work schedule.

***CO.*** The company for which the employee usually works.

***HIRE.*** The employee’s hire date.

***TERMINATE.*** The employee’s termination date.

# Employee Status / Activity Report (AMJBL)

```
   NORTHCREEK IND.                EMPLOYEE STATUS / ACTIVITY REPORT                DATE  7/26/
**  TIME 16.46.28  PAGE    1  AMJBL
                   SHIFT: ALL              ALL EMPLOYEES                  DEPARTMENTS: FROM DP10 TO DP10
                                      BY DEPARTMENT / FOREMAN             FOREMEN:     FROM WCJ  TO WCJ
                              TRANSACTIONS PRINTED: TIME AND ATTENDANCE TRANSACTIONS
                                                    JOB TRANSACTIONS
                                                    INVENTORY TRANSACTIONS
                                                    PHYSICAL INVENTORY TRANSACTIONS
                                                    REPETITIVE TRANSACTIONS

                                            SCHEDULE             DEPT / FACID / SITE
FMN  EMPNO  NAME                        S  START  END    CREW  -----HOME----- -----CURR-----  - - - - - STATUS - - -
 - -

WCJ    170  MARION BUCKO                1   8:00 16:30         DP10 RS075 ATL                OUT

     TRN:     252 ERR:   ST:   DATE/TIME:  7/11/** 16.30.00 TYP: TA   ORD:          DTL:
     TRN:     265 ERR:   ST:   DATE/TIME:  7/11/** 15.00.00 TYP: PS   ORD:          DTL: WHSE: A LINE:AA01 STATUS:
     TRN:     262 ERR:   ST:   DATE/TIME:  7/11/
** 14.00.00 TYP: MC    ORD: M000030 DTL: CHG: AABBCCDDEEFFGGH QY:      10.000
     TRN:     263 ERR:   ST:   DATE/TIME:  7/11/
** 14.00.00 TYP: CQ    ORD:          DTL: ITM: 21212          WSE: A LOC: A10124A
     TRN:     261 ERR: E ST: N DATE/TIME:  7/11/
** 13.00.00 TYP: MV    ORD: M000030 DTL: TO: 0020  QTY:        0000  FROM:0010 CC: 2
     TRN:     256 ERR:   ST:   DATE/TIME:  7/11/
** 11.30.00 TYP: ZZ    ORD:          DTL: AAAAAA1         QTY:     10.000
     TRN:     254 ERR:   ST:   DATE/TIME:  7/11/
** 11.00.00 TYP: IS    ORD:          DTL: ITM: 03025          WSE: B QTY:    2.000
     TRN:     255 ERR:   ST:   DATE/TIME:  7/11/** 11.00.00 TYP: ER   ORD:          DTL: TYP: IS
     TRN:     253 ERR:   ST:   DATE/TIME:  7/11/
** 10.00.00 TYP: IS    ORD:          DTL: ITM: 03025          WSE: B QTY:    1.000
     TRN:     251 ERR:   ST:   DATE/TIME:  7/11/**  8.00.00 TYP: TA   ORD:          DTL:

       180  GENA COUGHLIN               1  12:00 20:30         DP10 RS075 ATL                OUT

     TRN:     259 ERR:   ST:   DATE/TIME:  7/11/** 17.00.00 TYP: ON R ORD: M000030 DTL: OP: 0010  WKC:   CS015
     TRN:     258 ERR:   ST:   DATE/TIME:  7/11/
** 16.30.00 TYP: OF R ORD: M000030 DTL: OP: 0010       0.000 SP:     0.000  CC: 0
     TRN:     257 ERR:   ST:   DATE/TIME:  7/11/** 12.00.00 TYP: ON R ORD: M000030 DTL: OP: 0010  WKC:   CS015
     TRN:     260 ERR:   ST:   DATE/TIME:  7/11/
**    20.30 TYP: OF R ORD: M000030 DTL: OP: 0010 1234665.123 SP:     2.000  CC: 2

       190  JIM DAWSON                  2   8:00 16:20         DP10 RS075 ATL  DP10 CS015 ATL  OUT    00:00 00/00/
00

     TRN:     270 ERR:   ST:   DATE/TIME:  7/11/
** 16.40.00 TYP: OF R ORD: M000030 DTL: OP: 0020 1234663.123 SP:     2.000  CC: 2
     TRN:     267 ERR:   ST:   DATE/TIME:  7/11/** 16.30.00 TYP: TA   ORD:          DTL:
     TRN:     268 ERR:   ST:   DATE/TIME:  7/11/**  8.10.00 TYP: ON R ORD: M000030 DTL: OP: 0020  WKC:   AS005
     TRN:     266 ERR:   ST:   DATE/TIME:  7/11/**  8.00.00 TYP: TA   ORD:          DTL:

       200  JIM DUNLOP                  3   8:00 16:20         DP10 RS075 ATL  DP90 AS005  ATL  OUT
      4594  BUD BLANCHARD               1   8:00 16:20         DP10 RS075                       OUT
      5000  JERRY KERR                  2   8:00 16:20  JFK    DP10 RS075                       OUT
     27223  JOHN ERHART                 1   8:00 16:20         DP10 RS075                       OUT
     29134  DALE FOSTER                 1   8:00 16:20         DP10 RS075                       OUT
     30000  JACK MACKNIGHT              1   8:00 16:20         DP10 RS075                       OUT
     30240  LINDA WASHINGTON            1   8:00 16:20         DP10 RS075                       OUT
     33792  TOM GAFFNEY                 1   8:00 16:20         DP10 RS075                       OUT
     44444  AL DIFFENBACH               1   8:00 16:20         DP10 RS075                       OUT
     75633  DAN HANVILLE                1   8:00 16:20         DP10 RS075                       OUT
     87654  AL HOOD                     1   8:00 16:20         DP10 RS075                       OUT

EMPLOYEES FOR FOREMAN WCJ        13
```

## Fields

***TRANSACTIONS PRINTED.*** The types of transactions you have selected to print in detail on this report:

Time and attendance transactions
Job transactions
Inventory transactions
Physical inventory transactions
Repetitive transactions.

The following fields appear for each foreman:

***FMN.*** The foreman to whom the employee reports.

***EMPNO.*** The number assigned to the employee.

***NAME.*** The name of the employee.

***S.*** The shift to which the employee is assigned.

***SCHEDULE START and END.*** The scheduled start and stop time for the employee.

***CREW.*** The ID of the work crew, if any, to which the employee is assigned.

***HOME DEPT/FACID/SITE.*** The home department, production facility, and site to which the employee is assigned.

***CURR DEPT/FACID/SITE.*** The current department, production facility, and site. This information appears for the employees assigned to a job.

***STATUS.*** The status of the employee.

The following fields only appear if you selected transaction detail, and if the employee has transactions on file:

***TRN.*** The number of this transaction.

***ERR.*** This column contains an E if the transaction is in error.

***ST.*** The status of the transaction, as follows

| | |
|---|---|
| **Blank** | Active |
| **N** | Not active |
| **X** | Already extracted |

***DATE/TIME.*** The transaction date and time.

***TYP.*** The transaction type and subtype.

***ORD.*** The order number that applies to the transaction.

***DTL.*** Transaction information that varies depending on the transaction type.

***EMPLOYEES FOR FOREMAN.*** The total number of employees listed for an individual foreman.

***TOTAL EMPLOYEES LISTED.*** The total number of employees listed on the report.

# Labor Tickets (AMC34)

```
L A B O R   T I C K E T                       ORDER     QUANTITY       WH
                                                    M000780     100.000     111

    ITEM NUMBER      DESCRIPTION                          REFERENCE    DUE DATE
    27003-20         PUMP ASSEMBLY                        1A            8/15/**

    OPNO   OPERATION DESCRIPTION  PREV FAC    OP QTY      FAC ID   OP START
    0010   ROLL AND TRIM                            .000  WL085     7/31/**
           ROLL ALL PARTS FIRST
           AFTER ROLLING, TRIM ALL PARTS                  DEPT       TOOL
                                                          DP50

    EMP/BADGE ______________      NAME ___________________________________

   |   |   |                 |        |        |       |       |
   | R | C |--- TIME/DATE ---|QUANTITY|QUANTITY|ACTUAL |  EMP  |
   | C | C |  START     STOP |COMPLETE|SCRAPPED|FACID  |NUMBER |
   |   |   |                 |        |        |       |       |
   +---+---+--------+--------+--------+--------+-------+-------+
   | R | 0 |        |        |        |        |       |       |
   | S | 1 |        |        |        |        |       |       |
   | I | 2 |        |        |        |        |       |       |

                                                            300002979
```

## Fields

***ORDER.*** The control number ID of each manufacturing order kept in the open order data base.

***QUANTITY.*** The quantity completed.

***WH.*** The warehouse where the item being manufactured will be stored. It is stored in the open order summary record.

***ITEM NUMBER.*** The number of the item being manufactured. It is stored in the open order summary record.

***DESCRIPTION.*** The item description of the item being manufactured.

***REFERENCE.*** A user-defined reference number.

***DUE DATE.*** The scheduled due date.

***OPNO.*** The operation sequence number identifies an operation detail record within a manufacturing order.

***OPERATION DESCRIPTION.*** The 20-character operation description is from the operation record. Additional description text is not printed on labor tickets.

***PREV FAC.*** The ID of the previous production facility.

***OP QTY.*** The operation quantity.

***FAC ID.*** The standard facility for this operation.

***OP START.*** The scheduled start date if the operation has not been started. The actual start date if activity has already been reported.

***DEPT.*** The department number entered on the shop feedback document. If blank, the Payroll application defaults to the department number in the Employee Master File.

***TOOL.*** The tool number. A number that identifies either a specific special tool or a list of tools needed to perform the operation. The control of a master list of special tools must be done outside of the XA data base.

***TURNAROUND NUMBER.*** The turnaround number is the key that PM&C can use the retrieve open order detail information for data collection retrievals. The turnaround number is printed in bar code at the bottom of the ticket.
You normally would use the following ten fields for manually recording information only if a data collection terminal was not available.

***EMP/BADGE.*** The employee’s badge number.

***NAME.*** The name of the employee.

***RC.*** The run code. The shop activity labor transaction run code distinguishes between setup (S) labor transactions, run (R) labor transactions, and milestone (M) transactions.

***CC.*** The completion code.

**0** Operation not yet complete.

**1** Operation complete. Any value in the Quantity field is the quantity completed.

**2** Operation complete. The system should assume a transaction quantity equal to the expected quantity for this operation less any quantity previously reported complete, less any reported scrap.

**3** Milestone complete.

***START TIME/DATE.*** The starting time and date.

***STOP TIME/DATE.*** The ending time and date.

***QUANTITY COMPLETE.*** The quantity complete that is recorded for the current operation. Any quantity scrapped will not be included in the quantity complete.

***QUANTITY SCRAPPED.*** The quantity that is recorded as scrapped for an operation.

***ACTUAL FACID.*** The work center where this operation was performed.

***EMP NUMBER.*** The number of the employee reporting activity.

# Labor Transaction Preview (AMJCN)

```
   NORTHCREEK IND.                         LABOR TRANSACTION PREVIEW            DATE  7/26/
**  TIME 17.53.57  PAGE   1  AMJCN
     - TRANSACTION --  ----- CLOCK ------  ---- ADJUSTED ----
  ELAPSED     JOB          APP        ORDER    OPSQ   FACID  TYPE  C
       IN/ON  OUT/
OFF    FROM       TO        FROM       TO        TIME      TIME     HOURS  IND   EFF  COMPLETE QTY      SCRAP QTY  C
------------------------------------------------------------------------------------
  170 MARION BUCKO              DEPT DP10  DATE  7/11/**  SCHED   1 SHIFT 1  BASIS A
------------------------------------------------------------------------------------

T/A      251      252   8.00.00  16.30.00   8.00.00  16.30.00   8.30.00
                                        TOTAL ELAPSED TIME         8.30.00
                                      LUNCH TIME EXTRACTED          .30.00
                                     TOTAL ATTENDANCE TIME         8.00.00

   W AM-6390 TIME LESS THAN SHIFT LENGTH
------------------------------------------------------------------------------------
  180 GENA COUGHLIN             DEPT DP10  DATE  7/12/**  SCHED   2 SHIFT 1  BASIS J
------------------------------------------------------------------------------------

JOB      257      258  12.00.00  16.30.00  12.00.00  16.30.00   4.30.00   4.20.00    4.33          %  M000030  001
0  CS015   R    0
                                                                                                               .000
           .000
JOB      259      260  17.00.00  20.30.00  17.00.00  20.30.00   3.30.00   3.20.00    3.34          %  M000030  001
0  CS015   R    2
                                                                                                               .000
          2.000
                                              JOB TOTALS           8.00.00   7.40.00    7.67
                                         PAID BREAK TIME                      .20.00     .34 UNPAID BREAK TIME    .00

                               TOTAL JOB AND BREAK PAID                      8.00.00   8.01 VARIANCE  .30.00  ADD'L H
OURS PAID  :00
                                    VARIANCE TIME ADDED                       .10.00     .16 UTILIZATION  97.95%
                                        TOTAL TIME PAID                      8.10.00    8.17
   W AM-6394 VARIANCE EXCEEDS LIMIT
------------------------------------------------------------------------------------
  190 JIM DAWSON                DEPT DP10  DATE  7/11/**  SCHED   7 SHIFT 2  BASIS D
------------------------------------------------------------------------------------

T/A      266      267   8.00.00  16.20.00   8.00.00  16.20.00   8.20.00
                                        TOTAL ELAPSED TIME         8.20.00
                                      LUNCH TIME EXTRACTED          .30.00
                                     TOTAL ATTENDANCE TIME         7.50.00


JOB     *GEN*     270   8.00.00  16.20.00   8.00.00  16.20.00   8.20.00   8.20.00    8.33          %  M000030  002
```

```
   NORTHCREEK IND.                         LABOR TRANSACTION PREVIEW            DATE  7/26/
**  TIME 17.53.57  PAGE    2  AMJCN

LABOR TRANSACTION TOTALS
TOTAL EMPLOYEE COUNT                 3
TOTAL ATTENDANCE TIME         15.50.00
TOTAL LABOR TIME               8.10.00
TOTAL PAID BREAK TIME           .40.00
TOTAL VARIANCE TIME             .10.00
TOTAL TIME PAID               24.50.00
TIME AND ATTENDANCE RECORDS          2
LABOR RECORDS                        3
PAID BREAK RECORDS                   2
VARIANCE RECORDS                     1
TOTAL RECORDS                        8
```

To print this report, use option 2 on menu AMJM30. The Labor Transaction Preview is printed when you run the Select and Edit option. The report shows all the labor transactions that have been collected.

## Fields

***TRANSACTION IN/ON.*** The transaction number of the Time and Attendance IN or Job ON transaction. If an ON transaction was generated for the job, *GEN* appears in this field instead of an ON transaction number.

***TRANSACTION OUT/OFF.*** The transaction number of the Time and Attendance OUT or Job OFF transaction.

***CLOCK FROM.*** The actual clock time of the Time and Attendance IN or Job ON transaction.

***CLOCK TO.*** The actual clock time of the Time and Attendance OUT or Job OFF transaction.

***ADJUSTED FROM.*** The IN or ON time, as adjusted at shift start or lunch end.

***ADJUSTED TO.*** The OUT or OFF time, as adjusted at shift start or lunch end.

***ELAPSED TIME.*** The elapsed time.

***JOB TIME.*** The elapsed time as apportioned among concurrent jobs.

***HOURS.*** The job time in hours and hundredths of hours.

***APP IND.*** An A in this column means the job time and hours are apportioned.

***EFF.*** A measure of how closely this facility adheres to a predetermined set of production standards. Efficiency is expressed in terms of either machine or labor run hours. The "Machine and labor efficiency" topic in Chapter 2 "Managing Production Monitoring and Control" describes standard efficiency calculations in detail.

This field is blank if the ***TYPE*** field contains a value other than R.

***ORDER.*** The order number associated with this transaction.

***COMPLETE QTY.*** The quantity reported complete.

***OPSQ.*** The sequence number of the operation performed.

***FAC ID.*** The identifier associated with the facility where work was performed.

***SCRAP QTY.*** The quantity reported scrapped.

***TYPE.*** The nature of the labor expended for the job.

**R** Run labor
**S** Setup labor
**I** Indirect labor

***CC.*** A code that defines the completion status for the operation performed.

**0** Operation not yet complete
**1** Operation complete. Any value in the Quantity field is the quantity completed

**2** Operation complete. The system should assume a transaction quantity equal to the expected quantity for this operation less any quantity previously reported complete, less any reported scrap

The following fields appear for each employee for which transactions appear in the report.

***EMPLOYEE NUMBER***
***EMPLOYEE NAME.*** The name and number of the employee for which labor transactions are listed.

***DEPT.*** The department to which the employee is assigned.

***DATE.*** The date on which the employee worked the shift during which these transactions were reported.

***SCHED.*** The work schedule to which this employee is assigned.

***SHIFT.*** The shift the employee was assigned to when these transactions were collected. This shift will be passed to payroll.

***BASIS.*** Pay basis indicator that specifies how this employee's pay is calculated.

**A** Pay by time and attendance only
**D** Pay by time and attendance with job detail
**J** Pay by job

***TOTAL ELAPSED TIME.*** The amount of time the employee spent on a shift.

***LUNCH TIME EXTRACTED.*** The amount of time the employee took for lunch.

***TOTAL ATTENDANCE TIME.*** The total elapsed time less lunch time extracted.

***JOB TOTALS.*** The total of the elapsed time, job time, and hours columns for this employee.

***PAID BREAK TIME.*** The total amount of paid break time extracted from reported labor actions.

***TOTAL JOB AND BREAK PAID.*** The combined job total and paid break time.

***VARIANCE TIME ADDED.*** The amount of regular shift hours which exceeded the defined shift length.

***TOTAL TIME PAID.*** The total time the employee is paid.

***UNPAID BREAK TIME.*** The total amount of unpaid break time.

***VARIANCE.*** The amount of time the employee was not clocked on to any labor action. Variance does not apply for employees on pay basis A. A variance limit applies only to employees on pay basis J. The entire variance is awarded to employees on pay basis D.

***ADD'L HOURS PAID.*** The difference between total time paid and standard shift length.

***UTILIZATION.*** A measure of how thoroughly this labor resource is being used. This figure is the ratio between time charged for production setup and/or run activities to the clock time scheduled for those activities for a given period of time.

***TOTAL EMPLOYEE COUNT.*** The total amount of employees on the report.

***TOTAL ATTENDANCE TIME.*** The total attendance time reported.

***TOTAL LABOR TIME.*** The total labor time reported.

***TOTAL PAID BREAK TIME.*** The total paid break time reported.

***TOTAL VARIANCE TIME.*** The total variance time reported.

***TOTAL TIME PAID.*** The total time paid reported.

***TIME AND ATTENDANCE RECORDS.*** The total number of time and attendance records reported.

***LABOR RECORDS.*** The total number of labor records reported.

***PAID BREAK RECORDS.*** The total number of paid break records reported.

***VARIANCE RECORDS.*** The total number of variance records reported.

***TOTAL RECORDS.*** The total of all record types.

# Material Picking List–By Order (AMI9I1)

```
   NORTHCREEK IND.                                        MATERIAL PICKING LIST                          DATE 12/12/
**  TIME 11.34.32   PAGE     5   AMI9I1
                                                                BY ORDER
                                                                                                                PAGE IN
ORDER     5
ORDER                                                                 ORDER       DEVIATION       ADJUSTED     START   L
AST TRANS   DUE
NUMBER   ITEM NUMBER     WH   REVISION DESCRIPTION                    QUANTITY    QUANTITY        QUANTITY     DATE
 DATE         DATE
M000050 19333            1             STRAWBERRY SHAMPOO             1,400.000                                10/10/
** 11/03/** 10/10/**
                                                                QTY IN SPLITS:    1,399.000
 CUSTOMER    WAREHOUSE   ENGINEERING       MULTI-
ORD                                                                        TURNAROUND
JOB NUMBER   STOCK LOC   DRAWING NUMBER    REFERENCE    PLANNER  DEPARTMENT
    NUMBER
01-
CO0000001                             BEF CONV
 *-----*

    |Bar |

    |Code|

    *-----*
  STOCK       COMPONENT/             ITEM           ORDER     DATE REQ OP NO  USER      PICK       U/  F/
 WH   LOC     REVISION             DESCRIPTION      NUMBER    OP START        SEQ    QUANTITY      /M  /S

    *-----*

    |Bar |

    |Code|

    *-----*
INSUFFICIENT APPROVED STOCK
1    LOCATION 21602             WATER - PURIFIED              10/19/**         0000     1,554.000 GL
                                                              11/01/**

                                     LOCATION                     BATCH/LOT NUMBER            FIFO DATE
UNALLOCATED QUANTITY:          .998  *-----*                      *-----*                     *----
*
                                  |Bar |                   |Bar |                   |Bar |
                                      |Code|                   |Code|                   |Code|

                                     *-----*                      *-----*                     *----
*

    *-----*

    |Bar |

    |Code|

    *-----*
                                                              10/19/**         0000          .999-GL
                                                              11/01/**

                                                       TOTAL QUANTITY TO PICK-          1,553.001 GL
```

This version prints if PM&C is installed and interfacing with IM. PM&C must also be tailored for pick list format=1 (question J037=1).

## Fields

***ORDER NUMBER.*** The control number identification of this manufacturing order.

***ITEM NUMBER.*** The item number of the manufacturing order's end item.

***WH.*** The warehouse where the manufacturing order's end item is stored.

***REVISION .*** The revision identifier of this end item. This field appears only in PM&C and only if EPDM/PDM is interfacing.

***DESCRIPTION.*** The item description of the manufacturing order's end item.

***ORDER QUANTITY.*** The quantity released to the shop floor at the first operation. It may not be the original order quantity. This value is the original order quantity minus the quantity in split orders (for a base order) plus the quantity deviation.

***DEVIATION QUANTITY.*** The deviation quantity for this order.

***ADJUSTED QUANTITY.*** The quantity calculated by using this formula: Order Quantity + Deviation Quantity = Split Quantity.

***START DATE.*** The scheduled date for an order to begin. The order start date can only be specified in the IM order release or Manufacture Order Master file maintenance procedures. (This field appears when PC&C and IM are interfacing.)

***LAST TRANS DATE.*** The date of last activity on the order. (This field appears when PC&C and IM are interfacing.)

***DUE DATE.*** The date an item is required to be in inventory. (This field appears when PC&C and IM are interfacing.)

***QTY IN SPLITS.*** The quantity of the original order quantity included in split orders.

***CUSTOMER JOB NUMBER.*** This field relates this manufacturing order to a specific customer job number.

***WAREHOUSE STOCK LOC.*** The manufacturing order's end item stock location in the warehouse.

***ENGINEERING DRAWING NUMBER.*** The manufacturing order's end item's engineering drawing number, entered during order release.

***MULTI-ORD REFERENCE.*** A code used to group manufacturing orders for reporting purposes. Orders can be categorized for sub-totals on the summary reports or selected together by this grouping in a detail reporting run. The grouping can be different from the customer job number and item number grouping, but these groupings have to be specified manually in IM's order entry or Manufacture Order Master file maintenance procedures.

***PLANNER.*** A code identifying the person responsible for planning the replenishment strategy for this item.

***DEPARTMENT.*** The department associated with this order.

***TURNAROUND NUMBER.*** The turnaround number for this item. (This field appears when PM&C and IM are interfacing.)

***STOCK WH LOC.*** The number of the warehouse and location in which this item is located.

***COMPONENT ITEM NUMBER.*** The number to identify this component item.

***REVISION .*** The revision identifier of this component item. This field appears only in PM&C and only if EPDM is interfacing.

***ITEM DESCRIPTION.*** The description for this component item.

***DATE REQ.*** The date the material is required for the order.

***OP START.*** The start date for the operation as calculated by PC&C. This field appears when IM and PC&C are interfacing.

***OP NO.*** The operation sequence number that identifies an operation detail record.

***USER SEQ.*** A user-supplied number that, together with the component item number, establishes the sequence of the bill of material.

***PICK QUANTITY.*** The standard quantity required for the order less the issued quantity.

***U/M.*** The units used to express the item quantity.

***F/S.*** Floor stock code.

***LOCATION.*** The stock location of the item, as stored in the Location Detail File.

***BATCH/LOT.*** The batch or lot number of the item if you choose the batch/lot option during application tailoring.

***FIFO DATE.*** The date the item was first received in stock if you choose the FIFO date option during application tailoring.

***On hand quantity.*** Quantity of each item needed to fill the order, listed by stock location, either allocated or unallocated:

> ***ALLOCATED QTY.*** Identifies some or all of the standard quantity that has been designated to be picked from a particular batch or location.
>
> ***UNALLOCATED QTY***. Identifies the quantity of the item available for use in a batch or location.

The number of quantities that print for each item varies depending on the option you selected on the Shop Packet display. If there is no stock available in any location, the message NONE APPROVED is printed.

# Material Picking List–Consolidated (AMI9I2)

```
   NORTHCREEK IND              MATERIAL PICKING LIST CONSOLIDATED  DATE  8/31/
**  TIME  9.49.45  PAGE 1 AMI9I2

                                  USER DESCRIPTION  MFG ORDERS FROM M005150 TO M005510
  STOCK        COMPONENT/        ITEM                     ORDER  DATE REQ OP NO USER    PICK        U/  F/
 WH  LOC       REVISION          DESCRIPTION              NUMBER OP START       SEQ  QUANTITY      /M  /S
                                                                                                      *-------
*
 1              UNCONTROLLED     UNCONTROLLED FLOOR STOCK        10/10/**       0000         5.000-
EA U     |Barcode|
                                                         M000050 11/01/**                                 *----
---*
                                                                                                          *----
---*
 1              21014            SODIUM C14-16 OLEFIN SULFONATE   10/19/
**       0000          .000 LB        |Barcode|
                                                         M000050 11/01/**                                 *----
---*
                                                                                                          *----
---*
 1              21246            AMONIUM LAUREL ETHER SULFATE     10/19/
**       0000          .000 LB        |Barcode|
                                                         M000050 11/01/**                                 *----
---*
                                                                                                          *----
---*
                                                                                                          |Barc
ode|
                                                                                                          *----
---*
```

This report prints if PM&C is installed and interfacing with IM. PM&C must also be tailored for Pick List format=1, (question J037=1).

## Fields

***STOCK.***

***WH***. The number of the warehouse in which this component item is located.

***LOC***. The component item stock location in the warehouse.

***COMPONENT ITEM NUMBER.*** The number to identify this component item.

***REVISION .*** The revision identifier of this component item. This field appears only in PM&C and only if EPDM/PDM is interfacing.

***ITEM DESCRIPTION.*** The description of the component item.

***ORDER NUMBER.*** The control number identification of the manufacturing order requiring the component item.

***DATE REQUIRED.*** The date the component item is required.

***OP START.*** The start date for the operation as calculated by PC&C. This field appears when IM and PC&C are interfacing.

***OP NO.*** The operation sequence number that identifies an operation detail record.

***USER SEQ.*** A user-supplied number that, together with the component item number, establishes the sequence of the bill of material.

***PICK QUANTITY.*** The standard quantity required for the order less the issued quantity.

***U/M.*** The units used to express the item quantity.

***F/S.*** The floor stock code for this item. Valid codes are:

**blank** This item is not floor stock.
**C** This item is controlled floor stock.
**U** This item is uncontrolled floor stock.

## Material Picking List–By Order (AMI9I3)

```
                MATERIAL PICKING LIST  DATE 12/12/**           PAGE     1  AMI9I3
                      BY ORDER         TIME 11.55.08  PAGE IN ORDER     1
ORDER                                                         TURNAROUND
NUMBER  ITEM NUMBER      WH  REV     DESCRIPTION               NUMBER
M000050 19333            1           STRAWBERRY SHAMPOO

ORD QTY 1,400.000      DEV          .000 START 10/10/**
JOB NO  01-C00000001   SPL     1,399.000 DUE   10/10/**
                       ADJ         1.000 LAST  11/03/**
                                                        *--------*
                                                        |Barcode|
                                                        *--------*
WH   STLOC   COMPONENT ITEM  U/ F    PICK      OPSEQ DATE REQ TURNAROUND
REV   USEQ   DESCRIPTION     /M S   QUANTITY   FACID OP START   NUMBER
                                                        *--------*
                                                        |Barcode|
                                                        *--------*
1            UNCONTROLLED    EA U         5.000-      10/10/**
      0000 UNCONTROLLED FLOOR STOCK                       11/01/**
                                                        *--------*
                                                        |Barcode|
                                                        *--------*
1            21014           LB            .000       10/19/*
           SODIUM C14-16 OLEFIN SULFONATE             11/01/**
                                                        *--------*
                                                        |Barcode|
                                                        *--------*
1            21246           LB            .000       10/19/**
           AMONIUM LAUREL ETHER SULFATE               11/01/**
                                                        *--------*
                                                        |Barcode|
                                                        *--------*
1            21350           LB            .000       10/19/**
           FORMALDEHYDE                               11/01/**
                                                        *--------*
                                                        |Barcode|
                                                        *--------*
1            21372           LB            .000       10/19/**
           LACTIC ACID                                11/01/**
                                                        *--------*
                                                        |Barcode|
                                                        *--------*
1            21403           LB            .000       10/19/**
           HYDROLYZED ANIMAL PROTEIN                  11/01/**
```

This version prints if PM&C is installed and interfacing with IM. PM&C must also be tailored for pick list format=2 (question J037=2).

### Fields

***ORDER NUMBER.*** The control number identification of this manufacturing order.

***ITEM NUMBER.*** The item number of the manufacturing order's end item. It is stored in the Manufacturing Order Master record.

***WH.*** The warehouse of the manufacturing order's end item. It is stored in the Manufacturing Order Master record.

***REV (Revision).*** The revision identifier associated with this parent item. This field appears only in PM&C and only if EPDM/PDM is interfacing.

***DESCRIPTION.*** The item description of the manufacturing order's end item. It is stored in the Manufacturing Order Master record.

***TURNAROUND NUMBER.*** The turnaround number for this item. (This field appears when PM&C and IM are interfacing.)

***ORD QTY (Order quantity).*** The quantity released to the shop floor at the first operation. (This field appears when PM&C and IM are interfacing.)

***DEV.*** The deviation quantity for this order.

***START.*** The date an order is to begin. The order start date can only be specified in the IM order release or Manufacture Order Master file maintenance procedures. The operation start date is maintained by the PC&C forward scheduling routine from this order start date. (This field appears when PC&C and IM are interfacing.)

***JOB NO.*** The number of the customer order for which this end item is being manufactured.

***DUE.*** The scheduled completion date of a manufacturing order. It is calculated by the PC&C forward scheduling routing. The scheduled completion date of the last operation within a manufacturing order becomes the scheduled completion date of the order. (This field appears when PC&C and IM are interfacing.)

***ADJ.*** Adjusted quantity which was calculated using Order Quantity + Deviation Quantity = Split Quantity.

***LAST.*** Last transaction date.

***WH.*** The number of the warehouse in which this component item is located.

***REV (Revision) .*** The revision identifier associated with this component item. This field appears only in PM&C and only if EPDM/PDM is interfacing.

***STLOC (Stock location).*** The component item stock location in the warehouse.

***USEQ (User sequence).*** The user sequence number of the component item in the bill of material.

***COMPONENT ITEM.*** The number to identify this component item.

***DESCRIPTION.*** The description of the component item.

***U/M.*** The stocking unit of measure.

***FS.*** The floor stock number for this item. Valid codes are:

**blank** This item is not floor stock.
**C** This item is controlled floor stock.
**U** This item is uncontrolled floor stock.

***PICK QUANTITY.*** The standard quantity required for the order less the issued quantity.

***OPSEQ.*** The operation sequence number for this transaction.

***FACID.*** The planned work center where this operation is to be performed. (This field appears when PC&C and IM are interfacing.)

***DATE REQ.*** The date the component item is required.

***OP START.*** The start date for the operation as calculated by PC&C. This field appears when IM and PC&C are interfacing.

## Material Picking List–Consolidated (AMI9I4)

```
                MATERIAL PICKING LIST  DATE 12/12/**           PAGE     1  AMI9I4
                    CONSOLIDATED       TIME 11.55.08  PAGE IN ORDER     1
          USER DESCRIPTION  MFG  ORDERS FROM M005150 TO M005510

WH    STLOC   COMPONENT ITEM  U/ F     PICK      OPSEQ DATE REQ TURNAROUND  ORDER
REV    USEQ   DESCRIPTION     /M S   QUANTITY    FACID OP START    NUMBER     NUMBER
                                                          *-------*
                                                          |Barcode|
                                                          *-------*
1             UNCONTROLLED    EA U         5.000-      10/10/**              MI00050
12     0000 UNCONTROLLED FLOOR STOCK                   11/01/**
                                                          *-------*
                                                          |Barcode|
                                                          *-------*
1             21014           LB            .000       10/19/**              MI00050
13          SODIUM C14-16 OLEFIN SULFONATE             11/01/**
                                                          *-------*
                                                          |Barcode|
                                                          *-------*
1             21246           LB            .000       10/19/**              MI00050
            AMONIUM LAUREL ETHER SULFATE               11/01/**
                                                          *-------*
                                                          |Barcode|
                                                          *-------*
1             21350           LB            .000       10/19/**              MI00050
            FORMALDEHYDE                               11/01/**
                                                          *-------*
                                                          |Barcode|
                                                          *-------*
1             21372           LB            .000       10/19/**              MI00050
            LACTIC ACID                                11/01/**
                                                          *-------*
                                                          |Barcode|
                                                          *-------*
1             21403           LB            .000       10/19/**              MI00050
            HYDROLYZED ANIMAL PROTEIN                  11/01/**
                                                          *-------*
                                                          |Barcode|
                                                          *-------*
1             21418           LB            .000       10/19/**              MI00060
            PEG-15 TALLOW POLYAMINE                    11/01/**
```

This version prints if PM&C is installed and interfacing with IM. PM&C must also be tailored for pick list format=2 (question J037=2).

## Fields

***WH.*** The number of the warehouse in which this component item is located.

***STLOC.*** The component item stock location in the warehouse.

***REV (Revision) .*** The revision identifier associated with this component item. This field appears only in PM&C and only if EPDM/PDM is interfacing.

***USEQ.*** A user-supplied number that, together with the component item number, establishes the sequence of the bill of material.

***COMPONENT ITEM.*** The number to identify this component item.

***DESCRIPTION.*** The description of the component item.

***U/M.*** The units used to express the item quantity.

***F/S.*** The floor stock number for this item. Valid codes are:

**blank** This item is not floor stock.
**C** This item is controlled floor stock.
**U** This item is uncontrolled floor stock.

***PICK QUANTITY.*** The standard quantity required for the order less the issued quantity.

***OPSEQ.*** The operation sequence number that identifies an operation detail record.

***FACID.*** The planned work center where this operation is to be performed. (This field appears when PC&C and IM are interfacing.)

***DATE REQ.*** The date the component item is required.

***OP START.*** The start date for the operation as calculated by PC&C. This field appears when IM and PC&C are interfacing.

***TURNAROUND NUMBER.*** The turnaround number for this item. (This field appears when PM&C and IM are interfacing.)

***ORDER NUMBER.*** The control number identification of this manufacturing order.

# Receiving Tickets—Manufacturing Order (AMJBD)

```
                    M.O.RECEIVING  TICKET

ORDER  M000020    ITEM    03025                  WH  111

QTY          100.000  DESC   PUMP HOUSING ASSEMBLY

DUE DATE 12/31/** JOB                      STK LOC            REF


EMP/BADGE _____________ NAME _____________________________ TRAN ____

QTY ____________________ CMP _____              AMOUNT _________________

LOC ____________________ LOT _____________________ FIFO ______________

REF ____________________ REASON _________________

   03025                                              BARCODE
```

To print this report, use option 2 or 3 on menu AMJM20.

## Fields

***ORDER.*** The control number ID of each manufacturing order kept in the open order data base.

***ITEM.*** The number of the item received. It is stored in the Open Order Summary record.

***WH.*** The warehouse where the finished item will be stored. It is stored in the Open Order Summary record.

***QTY.*** The order quantity plus any deviation.

***DESC.*** The item description.

***DUE DATE.*** The scheduled due date.

***JOB.*** The job number associated with the order.

***STK LOC.*** This field contains the location where the finished item is stored.

***REF.*** A user-defined reference number.

You would normally use the following fields for manually recording information but only if a data collection terminal is not available:

***EMP/BADGE.*** The number of the employee reporting activity.

***NAME.*** The name of the employee reporting activity.

***TRAN.*** The transaction number.

***QTY.*** The quantity received.

***CMP.*** The completion code.

***AMOUNT.*** The amount of the transaction.

***LOC.*** If this is a controlled warehouse, the location where the item is stored.

***LOT.*** The lot number.

***FIFO.*** The FIFO date.

***REF.*** The user-defined reference code.

***REASON.*** The user-defined reason code.

***TURNAROUND NUMBER.*** The key PM&C uses to retrieve open order detail information for data collection retrievals. The turnaround number is printed in bar code form.

# Receiving Tickets—Purchase Order (AMV411)

```
                         P.O. RECEIVING TICKET

ORDER P000002 VENDOR N01234

ITEM 27003-20          DESC FERRULE TYPE ABC-VWXYZ

SEQ    BLK 1    WH 111 QTY      500.000  U/M EA STK LOC P134

SHIP VIA  TRUCK                DOCK DATE 12/15/** REF

EMP/BADGE __________   NAME ___________________  TRAN _____

QTY ____________   U/M __  CMP _____  RSPLY __  AMT __________

LOC ______________   LOT ________________   FIFO ____________

REF ____________   REASON ________________

ORIGIN ___         GRN _________________________

 27003-20

                                                      600000012
```

To print this report, use option 6 on the Reports menu (AMJM20).

## Fields

***ORDER.*** The control number ID of each manufacturing order kept in the open order data base.

***VENDOR.*** The number of the vendor supplying this item.

***ITEM.*** The number of the item received. It is stored in the Open Order Summary record.

***DESC.*** The item description.

***SEQ.*** The line item sequence number for miscellaneous or service items.

***BLK.*** If this is a blanket purchase order, the blanket release number.

***WH.*** The warehouse where the finished item will be stored. It is stored in the open order summary record.

***QTY.*** The order quantity plus any deviation.

***U/M.*** The unit of measure.

***STK LOC.*** If this is a controlled warehouse, the location where the item is stored.

***REF.*** A user-defined reference number.

You would normally use the following fields for manually recording information but only if a data collection terminal is not available:

***EMP/BADGE.*** The number of the employee reporting activity.

***NAME.*** The name of the employee reporting activity.

***TRAN.*** The transaction number.

***QTY.*** The quantity received.

***U/M.*** The unit of measure.

***CMP.*** The completion code.

***AMT.*** The amount of the transaction.

***LOC.*** If this is a controlled warehouse, the location where the item is stored.

***LOT.*** The lot number.

***FIFO.*** The FIFO date.

***REF.*** The user-defined reference code.

***REASON.*** The user-defined reason code.

***ORIGIN.*** Country where the item was manufactured or purchased.

***GRN.*** The number of the goods received note assigned to the item.

***TURNAROUND NUMBER.*** The key PM&C uses to retrieve open order detail information for data collection retrievals. The turnaround number is printed in bar code form.

Contents Index



# Shop Packet Worksheet (AMI4H1)

```
   GATEWAY MFG CO.                        SHOP PACKET WORKSHEET                    DATE 11/07/
**  TIME 10.59.28   PAGE   1 AMI4H1

                                                                                   OPER E2              PAGE IN
 ORDER     1
ORDER     ITEM NUMBER    WH         ORDER      START LAST TRANS  DUE             UNIT COST               STANDARD
            QTY IN
NUMBER  DESCRIPTION                QUANTITY    DATE     DATE     DATE                                      COST
            SPLITS

MFG0100 19333          ATL  1,000,000.111  11/02/**  0/00/** 11/15/
**    12,345,678,912.1234   80,282,493,816.0257      2,000.000
        1 STRAWBERRY SHAMPOO
        TEST PARENT ITEM ...........X
         1,000.000

                                           ADJ ORDER QTY   950,000.000
CUSTOMER    WAREHOUSE  ENGINEERING      MULTI-
ORD                                                                    TURNAROUND
JOB NUMBER  STOCK LOC  DRAWING NUMBER   REFERENCE   PLANNER  DEPARTMENT
     NUMBER
01-C00000001  STKLOCA  ENG DRAW # 1234  SHPPCKTEST             DP10
                                                                                                       *--------
----------------*
                                                                                                       |
Bar Code        |
                                                                                                       *--------
----------------*
MATERIAL LIST BY COMPONENT ITEM NUMBER
COMPONENT                          STOCK    U/
     STANDARD        ISSUED             STANDARD      USER OPSEQ  DATE REQ  F/
DESCRIPTION     WH                  LOC     /
M     QUANTITY       QUANTITY             COST         SEQ         OP START  /S
21212           ATL                WHSLOCB  EA   1,000,000.111         3.500  5,443,161,086,430.77 0001 0010   1
1/02/**  C
DL-
PANTHENOL                                                                                                   11/
02/**
                                             LOCATION              BATCH/LOT NUMBER            FIFO DATE
UNALLOCATED QUANTITY:   150,000.000
```

```
   GATEWAY MFG CO.                                    SHOP PACKET WORKSHEET                          DATE **/**/
**  TIME 10.59.28  PAGE    2  AMI4H1

                                                                                                     OPER E2              PAGE IN
 ORDER     2

ORDER     ITEM NUMBER    WH          ORDER      START LAST TRANS  DUE             UNIT COST                STANDARD
            QTY IN
NUMBER   DESCRIPTION                QUANTITY     DATE     DATE     DATE                                      COST
            SPLITS

MFG0100 19333           ATL  1,000,000.111  11/02/**  0/00/** 11/15/
**     12,345,678,912.1234   80,282,493,816.0257       2,000.000
         TEST PARENT ITEM ...........X
          1,000.000

                                            ADJ ORDER QTY   950,000.000

CUSTOMER    WAREHOUSE  ENGINEERING      MULTI-
ORD                                                                    TURNAROUND
JOB NUMBER  STOCK LOC  DRAWING NUMBER   REFERENCE   PLANNER  DEPARTMENT
     NUMBER
01-C00000001  STKLOCA  ENG DRAW # 1234  SHPPCKTEST             DP10
                                                                                                             *-------
---------------*
                                                                                                             |
Bar Code        |
                                                                                                             *-------
---------------*
DETAILED OPERATIONS LIST
OPER M      FAC   OPERATION           PROCESS         MOVE     QUEUE    START    CMPLTN     SETUP     RUN
OPERATION        STA
NO    S DEPT ID    DESCRIPTION         SHEET  TOOL     TIME     TIME     DATE     DATE       TIME      TIME
   COST          COD
0010    DP90 IN040 MAKE PRODUCT BASE    PA0122          .00      .000  0/00/00  0/00/
00       .00      7.16 HRS       1,133.40     10
*-----------------------*
|       Bar Code        |
*-----------------------*
MISCELLANEOUS CHARGES LIST
MISCELLANEOUS    MISCELLANEOUS            UNIT/
REQ       REQUIRED                                     STANDARD         TURNAROUND
CHARGE NUMBER    DESCRIPTION              QUANTITY      QUANTITY          UNIT COST                COST
   NUMBER

CHG1             PRINT LABELS                   3.0000       75.000            .0075                   .56
CHG2             BOTTLE TREAT                    .0000        2.000            .0000                 10.00
                                                                                                            *--------
-----------------*
                                                                                                            |
 Bar Code         |
                                                                                                            *--------
-----------------*
```

To print this report, use option 3 on the Order Release and Closeout menu (AMIM40) or option 1 on the Shop Packet Creation menu (AMIM44).

This reports prints if PM&C is installed and format 1 is selected for worksheets.

You can print this report as part of the shop packet, whether you print the shop packet during order release or at a later time. For each order, the report can show the end item ordered, its components, and (if PC&C is interfacing with IM) details about operations, such as the operations required to produce the end item and standard times. The information included depends on your answers to the Install/Tailor questionnaire and on the options you select when you print the report.

This report prints with identifier AMI4I1 when you print it as part of an individual shop packet.

## Fields

***ORDER NUMBER.*** The control number identification of this manufacturing order.

***ITEM NUMBER.*** The item number of the manufacturing order's end item. It is stored in the Manufacturing Order Master record.

***DESCRIPTION.*** The item description of the manufacturing order's end item. It is stored in the Manufacturing Order Master record.

**Note:** If KBC is interfacing and this is a configured item, the configured description and option comments appear below the item description.

***WH.*** The warehouse of the manufacturing order's end item. It is stored in the Manufacturing Order Master record.

***REV(Revision) .*** The revision identifier associated with this parent item. This field appears only in PM&C and only if EPDM is interfacing.

***UM.*** Appears only in PM&C. The unit of measure.

***ORDER QUANTITY.*** The quantity released to the shop floor at the first operation. (This field appears when PC&C and IM are interfacing.)

***START DATE.*** The date when an order is to begin. The order start date can only be specified in the IM order release or Manufacture Order Master file maintenance procedures.

***LAST TRANS DATE.*** The date of the last activity on the order. (This field appears when PC&C and IM are interfacing.)

***DUE DATE.*** The scheduled completion date of a manufacturing order. It is calculated by the PC&C forward scheduling routine. The scheduled completion date of the last operation within a manufacturing order becomes the scheduled completion date of the order. (This field appears when PC&C and IM are interfacing.)

***UNIT COST.*** The cost per unit of the end item to be manufactured for the order. The cost can be entered manually or calculated from receipts by average, standard, or last cost methods. If the calculated cost is 0 (zero), the unit cost (CSTPC) in the Manufacturing Order Master file is not changed by the order. (This field appears when PC&C and IM are interfacing.)

***STANDARD COST.*** The standard order projected cost. It is the original order quantity multiplied by the standard unit order cost. The standard unit order cost is the finished item unit cost selected according to the IM application tailoring option.

***QTY IN SPLITS.*** The quantity of this order contained in split orders.

***CUSTOMER JOB NUMBER.*** This field can be used to relate this manufacturing order to a specific customer job number.

***WAREHOUSE STOCK LOC.*** The manufacturing order's end item stock location. It is stored in the Manufacturing Order Master record.

***ENGINEERING DRAWING NUMBER.*** The end item's engineering drawing number. It is stored in the Manufacturing Order Master record when the shop order was created during order release.

***MULTI-ORD REFERENCE.*** A code that can be used to group manufacturing orders for reporting purposes. Orders can be categorized for subtotals on the summary reports or selected together by this grouping in a detail reporting run. The grouping can be different from the customer job number and item number grouping, but these groupings have to be specified manually in IM order entry or Manufacture Order Master file maintenance by using the field Reference Number.

***PLANNER.*** A code that identifies the person responsible for planning the replenishment strategy for this item.

***DEPARTMENT.*** The department associated with this order.

***TURNAROUND NUMBER.*** The turnaround number for this item. (This field appears when PM&C and IM are interfacing.)

***COMPONENT DESCRIPTION.*** The description for this component item.

***WH.*** The number of the warehouse in which this component item is located.

***REVISION.*** The revision identifier associated with this component item. This field appears only in PM&C and only if EPDM is interfacing.

***STOCK LOC.*** The component item's location in the warehouse.

***U/M.*** The units used to express the component item quantity.

***STANDARD QUANTITY.*** The component quantity required for this order.

***ISSUED QUANTITY.*** The component quantity issued to the order since the order was first released.

***STANDARD COST.*** The standard unit cost multiplied by the order quantity. (This field appears when PC&C and IM are interfacing.)

***USER SEQ.*** A user-supplied number that, together with the component item number, establishes the sequence of the bill of material.

***OPSEQ.*** A 4-digit field which sequences the manufacturing operations.

***DATE REQ.*** The date the material is required for the order.

***OP START.*** The start date for the operation as calculated by the forward scheduling routine in PC&C. This field appears when IM and PC&C are interfacing. It is projected from the order start date.

***F/S (Floor Stock).*** The floor stock number for this item. Valid codes are:

| | |
|---|---|
| **blank** | This item is not floor stock. |
| **C** | This item is controlled floor stock. |
| **U** | This item is uncontrolled floor stock. |

***LOCATION.*** The stock location of the item, as stored in the Location Detail file. If you are using uncontrolled warehouses, no data is printed in this field.

***BATCH/LOT NUMBER.*** The batch/lot number of each allocated and unallocated quantity. No data is printed in this field if you are using an uncontrolled warehouse.

***FIFO DATE.*** The date the item was received in stock. No data is printed in this field if you are using an uncontrolled warehouse.

***QUANTITY.*** Quantity of each item needed to fill the order, listed by stock location, either allocated or unallocated:

> ***ALLOCATED QTY***: Identifies some or all of the standard quantity that has been designated to be picked from a particular batch or location.
>
> ***UNALLOCATED QTY***: Identifies the quantity of the item available for use in a batch or location.

The number of quantities that print for each item varies depending on the option you selected on the Shop Packet display. If there is no stock available in any location, the message NONE APPROVED is printed.

***OPER NO.*** This field identifies the manufacturing step necessary to complete an order. The forward scheduling routine in PC&C follows the sequence of the operation within a manufacturing order to schedule the start and completion dates of each operation. In addition, an estimated completion date for the whole order is determined to be the scheduled completion date of the last operation of that order. (This field appears when PC&C and IM are interfacing.)

***MS.*** A code that identifies the type of sub-operation the operation is, if the operation belongs to a milestone group. (This field appears when PC&C and IM are interfacing.)

First sub-operation:

| | |
|---|---|
| **B** | A milestone group with no activity reported |
| **P** | A milestone group with activity reported |
| **C** | A milestone group with activity reported complete |

Not first or last sub-operation:

| | |
|---|---|
| **S** | A sub-operation which is between the first and last sub-operations |

Last sub-operation:

| | |
|---|---|
| **J** | The end of a job shop milestone group |
| **F** | The end of a flow shop milestone group |

***DEPT.*** The department number entered on the shop feedback document. If blank, the Payroll application defaults to the department number in the Employee Master file. (This field appears when PC&C and IM are interfacing.)

***FAC ID.*** The planned work center where this operation is to be performed. (This field appears when PC&C and IM are interfacing.)

***OPERATION DESCRIPTION.*** The description of that individual operation in a manufacturing order. (This field appears when PC&C and IM are interfacing.)

***PROCESS SHEET.*** The number of the process sheet that further describes a routing of an end item. (This field appears when PC&C and IM are interfacing.)

***TOOL.*** A number that identifies either a specific special tool or a list of tools needed to perform the operation. The control of a master list of special tools must be done outside of the XA data base. (This field appears when PC&C and IM are interfacing.)

***MOVE TIME.*** The planned move time in days for a manufacturing operation. This value may come from the Routing file or be entered in order entry or file maintenance.

It is used in the manufacturing order forward scheduling routines. (This field appears when PC&C and IM are interfacing.)

***QUEUE TIME.*** The planned queue time in days for a manufacturing operation. This value may come from the Work Center file or be entered in order entry or file maintenance. It is used in the manufacturing order forward scheduling routines. (This field appears when PC&C and IM are interfacing.)

***START DATE.*** The date when an operation is to begin. The order start date can only be identified in the IM order entry or Manufacture Order Master file maintenance procedures.

***CMPLTN DATE.*** The scheduled completion date of a manufacturing operation. It is calculated by the PC&C forward scheduling routine. The scheduled completion date of the last operation within a manufacturing order becomes the scheduled completion date of the order. (This field appears when PC&C and IM are interfacing.)

***SETUP TIME.*** The amount of setup machine or setup labor time added together according to the prime load code of the operation. (This field appears when PC&C and IM are interfacing.)

***RUN TIME.*** The amount of run machine or run labor time added together according to the prime load code of the operation. (This field appears when PC&C and IM are interfacing.)

***OPERATION COST.*** The sum of the standard setup cost, run labor cost, machine cost, and overhead cost of the operation at the time of order release. (This field appears when PC&C and IM are interfacing.)

***STA COD.*** The manufacturing order status. The codes are:

**10** Released, but no activity reported

**40** Order started; material, outside operations, labor, machine or miscellaneous charges transaction processed

**45** IM material receipt to stock has been reported as complete; PC&C has not reported the order as complete (outside operations, labor, machine, and miscellaneous charges)

**50** PC&C has reported the order as complete (outside operations, labor, machine, and miscellaneous charges); IM material receipt to stock has not been reported as complete

**55** Order complete; includes all material, outside operations, labor, machine, and miscellaneous charges

**99** Order canceled; no activity has been reported.

***MISCELLANEOUS CHARGE NUMBER.*** The number identifying a miscellaneous charge within a manufacturing order. (This field appears when PC&C and IM are interfacing.)

***MISCELLANEOUS DESCRIPTION.*** The description of an individual charge for a manufacturing order. (This field appears when PC&C and IM are interfacing.)

***UNIT/REQ QUANTITY.*** This quantity is used, when it is not 0 (zero), to calculate a standard (or expected) miscellaneous charge required quantity by multiplying it with the original order quantity. (This field appears when PC&C and IM are interfacing.)

***REQUIRED QUANTITY.*** This quantity is used as the standard (or expected) fixed miscellaneous charge quantity when it is not 0 (zero). The unit required quantity field is ignored whenever this field is not zero. (This field appears when PC&C and IM are interfacing.)

***UNIT COST.*** The miscellaneous charge unit cost, used to calculate the standard (or expected) miscellaneous charge cost when it is not 0 (zero). It is multiplied by the miscellaneous required quantity (unit or fixed). (This field appears when PC&C and IM are interfacing.)

***STANDARD COST.*** The miscellaneous charge fixed standard cost, used as the standard (or expected) fixed miscellaneous charge cost when it is not 0 (zero). The unit cost field is ignored whenever this field is not 0 (zero). (This field appears when PC&C and IM are interfacing.)

# Shop Packet Worksheet (AMI4H2)

```
                SHOP PACKET WORKSHEET  DATE   9/19/**           PAGE     1   AMI4H2
NORTHCREEK IND.                        TIME 16.46.42  PAGE IN ORDER     1
ORDER   ITEM NUMBER    WH  DESCRIPTION     PLANNER        TURNAROUND
M000780 19333          ATL 1 STRAWBERRY SHAMPOO             NUMBER
ORDER QTY       100.000      DEV QTY          .000
STOCK LOC A100               SPL QTY          .000
JOB NO     01-C00000001
                                                        *-------------------------*
                                                        |       Bar Code          |
                                                        *-------------------------*
START DATE  7/31/**          DUE DATE  8/15/**
MATERIAL LIST BY COMPONENT ITEM NUMBER
COMPONENT ITEM  WH  USEQ STLOC      STD QTY  OPSEQ DATE REQ  TURNAROUND
 DESCRIPTION    U/M         F       ISS QTY  FACID  OP START   NUMBER

21212           ATL                2000000.222 0010 11/16/**
DL-PANTHENOL                C              .000      11/16/**
                                                        *--------------------------*
                                                        |       Bar Code           |
                                                        *--------------------------*
 TEST COMPONENT ITEM FOR SHPPKT

UNALLOC QTY: 2,600,000.000
      LOCATION              BATCH/LOT NUMBER             FIFO DATE

  *-------------------------*                           *--------------------------*
  |       Bar Code          |                           |       Bar Code           |
  *-------------------------*                           *--------------------------*
```

```
                SHOP PACKET WORKSHEET  DATE   9/19/**           PAGE     2  AMI4H2
NORTHCREEK IND.                        TIME 16.46.42  PAGE IN ORDER     2
ORDER   ITEM NUMBER    WH  DESCRIPTION     PLANNER        TURNAROUND
M000780 19333          ATL 1 STRAWBERRY SHAMPOO             NUMBER
ORDER QTY       100.000      DEV QTY          .000
STOCK LOC A100               SPL QTY          .000
JOB NO     01-C00000001
                                                        *-------------------------*
                                                        |       Bar Code          |
                                                        *-------------------------*
START DATE  7/31/**          DUE DATE  8/15/**

DETAILED OPERATIONS LIST

OPNO M FACID  PROC   TOOL  ST  MOVE    SETUP   START          TURNAROUND
DEPT S  DESC  SHEET            QUEUE    RUN    COMPLT           NUMBER

0010   IN040 PROCNO DRILLL 10 12.11        .00 11/07/**
                                                        *-------------------------*
                                                        |       Bar Code          |
                                                        *-------------------------*
DP60    OPERATION DESC # 222   1.50 21,370.30  0/00/**

MISCELLANEOUS CHARGES LIST

MISC CHARGE                  QTY PER UNIT      TOTAL QTY        TURNAROUND
 DESCRIPTION                                                      NUMBER
                                                        *-------------------------*
                                                        |       Bar Code          |
                                                        *-------------------------*
MISC DETAIL #44          1,234,567.1234 9,000,000.111
 MISC DTL DESCRIPTION
```

To print this report, use option 1 on the Shop Packet Creation menu (AMIM44).

This report prints if PM&C is installed and report format 2 is selected for worksheets.

## Fields

***ORDER.*** The control number identification of this manufacturing order.

***ITEM NUMBER.*** The item number of the manufacturing order's end item. It is stored in the Manufacturing Order Master record.

***WH.*** The warehouse of the manufacturing order's end item. It is stored in the Manufacturing Order Master record.

***DESCRIPTION.*** The item description of the manufacturing order's end item. It is stored in the Manufacturing Order Master record

**Note:** If KBC is interfacing and this is a configured item, the configured description and option comments appear below the item description.

***PLANNER.*** A code that identifies the person responsible for planning the replenishment strategy for this item.

***TURNAROUND NUMBER.*** The turnaround number for the item. (This field appears only if PM&C is installed and interfacing.)

***REV(Revision) .*** The revision identifier associated with this parent item. This field appears only in PM&C and only if EPDM is interfacing.

***ORDER QTY.*** The quantity released to the shop floor at the first operation. (This field appears only if PC&C is installed and interfacing.)

***DEV QTY.*** The quantity by which the original order quantity has been changed.

***STOCK LOC.*** The manufacturing order's end item stock location. It is stored in the Manufacturing Order Master record.

***SPL QTY.*** The quantity of this order contained in split orders.

***JOB NO.*** This field can be used to relate this manufacturing order to a specific customer job number.

***START DATE.*** The scheduled start date of a manufacturing order. The order start date can only be specified in the IM order release or Manufacture Order Master file maintenance procedures.

***DUE DATE.*** The scheduled completion date of a manufacturing order. This is calculated by the PC&C forward scheduling routine. The scheduled completion date of the last operation within a manufacturing order becomes the scheduled completion date of the order. (This field appears only if PC&C is installed and interfacing.)

***COMPONENT ITEM DESCRIPTION.*** The description for this component item.

***WH.*** The number of the warehouse in which this component item is located.

***U/M.*** The units used to express the component item quantity.

***REV(Revision) .*** The revision identifier associated with this component item. This field appears only in PM&C and only if EPDM is interfacing.

***USEQ.*** A number supplied by the user to sequence the bill of material.

***STLOC.*** The component item's location in the warehouse.

***F.*** The floor stock number for this item. Valid codes are:

**blank** This item is not floor stock.
**C** This item is controlled floor stock.
**U** This item is uncontrolled floor stock.

***STD QTY.*** The component quantity required for this order.

***ISS QTY.*** The component quantity issued to the order since the order was first released.

***OPSEQ.*** A 4-digit field which sequences the manufacturing operations.

***FACID.*** The planned work center where this operation is to be performed. (This field appears only if PC&C is installed and interfacing.)

***DATE REQ.*** The date the material is required for the order.

***OP START.*** The start date for the operation as calculated by the forward scheduling routine in PC&C. This field appears when IM and PC&C are interfacing. It is projected from the order start date.

***UNALLOC QTY.*** Identifies the quantity of the item available for use in a batch or location.

***LOCATION.*** The stock location of the item, as stored in the Location Detail file. If you are using uncontrolled warehouses, no data is printed in this field.

***BATCH/LOT NUMBER.*** The batch/lot number of each allocated and unallocated quantity. No data is printed in this field if you are using an uncontrolled warehouse.

***FIFO DATE.*** The date the item was received in stock. No data is printed in this field if you are using an uncontrolled warehouse.

***OPNO.*** This field identifies the manufacturing step necessary to complete an order. The forward scheduling routine in PC&C follows the sequence of the operation within a manufacturing order to schedule the start and completion dates of each operation. In addition, an estimated completion date for the whole order is determined to be the scheduled completion date of the last operation of that order. (This field appears only if PC&C is installed and interfacing.)

***DEPT.*** The department number entered on the shop feedback document. If blank, the Payroll application defaults to the department number in the Employee Master file. (This field appears only if PC&C is installed and interfacing.)

***MS.*** A code that identifies the type of sub-operation the operation is, if the operation belongs to a milestone group. (This field appears only if PC&C is installed and interfacing.)

First sub-operation:

**B** A milestone group with no activity reported
**P** A milestone group with activity reported
**C** A milestone group with activity reported complete

Not first or last sub-operation:

**S** A sub-operation which is between the first and last sub-operations

Last sub-operation:

**J** The end of a job shop milestone group
**F** The end of a flow shop milestone group

***FAC ID.*** The planned work center where this operation is to be performed. (This field appears only if PC&C is installed and interfacing.)

***DESC.*** The description of that individual operation in a manufacturing order. (This field appears only if PC&C is installed and interfacing.)

***PROC SHEET.*** The number of the process sheet that further describes a routing of an end item. (This field appears only if PC&C is installed and interfacing.)

***TOOL.*** A number that identifies either a specific special tool or a list of tools needed to perform the operation. The control of a master list of special tools must be done outside of the XA data base. (This field appears only if PC&C is installed and interfacing.)

***ST.*** The status of the operation.

***MOVE.*** The planned move time in days for a manufacturing operation. This value may come from the Routing file or be entered in order entry or file maintenance. It is used in the manufacturing order forward scheduling routines. (This field appears only if PC&C is installed and interfacing.)

***QUEUE.*** The planned queue time in days for a manufacturing operation. This value may come from the Work Center file or be entered in order entry or file maintenance. It is used in the manufacturing order forward scheduling routines. (This field appears only if PC&C is installed and interfacing.)

***SETUP.*** The amount of setup machine or setup labor time added together according to the prime load code of the operation. (This field appears only if PC&C is installed and interfacing.)

***RUN.*** The amount of run machine or run labor time added together according to the prime load code of the operation. (This field appears only if PC&C is installed and interfacing.)

***START.*** The start date for the operation as calculated by the forward scheduling routine in PC&C. This field is based on the order start date.

***COMPLT.*** The scheduled completion date of a manufacturing operation. It is calculated by the PC&C forward scheduling routine. The scheduled completion date of the last operation within a manufacturing order becomes the scheduled completion date of the order. (This field appears only if PC&C is installed and interfacing.)

***MISC CHARGE.*** The number identifying a miscellaneous charge within a manufacturing order. (This field appears only if PC&C is installed and interfacing.)

***DESCRIPTION.*** The description of an individual charge for a manufacturing order. (This field appears only if PC&C is installed and interfacing.)

***QTY PER UNIT.*** The quantity of a miscellaneous charge item required for each unit of the order quantity.

***TOTAL QTY.*** The total quantity of the miscellaneous charge item required for this order. It is the result of multiplying the quantity per unit by the order quantity.

# Shop Packet Worksheet (AMI4I1)

```
   GATEWAY MFG CO.                                        SHOP PACKET WORKSHEET                    DATE **/**/
**  TIME 10.59.28  PAGE    1  AMI4I1

                                                                                                   OPER E2            PAGE IN
 ORDER    1

ORDER     ITEM NUMBER    WH  UM       ORDER      START LAST TRANS  DUE              UNIT COST             STANDAR
D              QTY IN
NUMBER  DESCRIPTION                  QUANTITY    DATE     DATE      DATE                                     COST
           SPLITS

MFG0100 19333           ATL SS  1,000,000.111  11/02/**  0/00/** 11/15/
**             275.1800           7,154.6800
        1 STRAWBERRY SHAMPOO
        TEST PARENT ITEM ............X
                                           ADJ ORDER QTY   950,000.000
CUSTOMER    WAREHOUSE  ENGINEERING      MULTI-
ORD                                                                    TURNAROUND
JOB NUMBER  STOCK LOC  DRAWING NUMBER   REFERENCE   PLANNER  DEPARTMENT
     NUMBER
01-C00000001  STKLOCA  ENG DRAW # 1234  SHPPCKTEST              DP10
                                                                                                      *---------
----------------*
                                                                                                      |        B
ar Code         |
                                                                                                      *---------
----------------*
MATERIAL LIST BY COMPONENT ITEM NUMBER
COMPONENT                          STOCK    U/
     STANDARD         ISSUED            STANDARD      USER OPSEQ  DATE REQ  F/
DESCRIPTION     WH                  LOC      /
M     QUANTITY        QUANTITY             COST         SEQ         OP START  /S
21212           ATL                WHSLOCB  EA   1,000,000.111        3.500  5,443,161,086,430.77 0001 0010   1
1/02/**  C
DL-
PANTHENOL                                                                                                    11/
02/**
                                     LOCATION                    BATCH/LOT NUMBER            FIFO DATE
UNALLOCATED QUANTITY:  150,000.000

                                  *------------------------*     *-------------------------*      *-------------
-----------*
                                  |       Bar Code         |     |       Bar Code          |      |      Bar Co
de          |
                                  *------------------------*     *-------------------------*      *-------------
-----------*
```

```
   GATEWAY MFG CO.                               SHOP PACKET WORKSHEET                     DATE **/**/
**  TIME 10.59.28  PAGE    2  AMI4I1

                                                                                          OPER E2             PAGE IN
 ORDER    2

ORDER    ITEM NUMBER    WH  UM      ORDER      START LAST TRANS  DUE                    UNIT COST             STANDAR
D          QTY IN
NUMBER  DESCRIPTION                QUANTITY    DATE     DATE     DATE                                            COST
           SPLITS

MFG0100 19333           ATL EA 1,000,000.111  11/02/**  0/00/** 11/15/
**  12,345,678,912.1234   80,282,493,816.0257       2,000.000
        TEST PARENT ITEM ...........X
         1,000.000

                                           ADJ ORDER QTY   950,000.000

CUSTOMER    WAREHOUSE  ENGINEERING      MULTI-
ORD                                                                    TURNAROUND
JOB NUMBER  STOCK LOC  DRAWING NUMBER   REFERENCE   PLANNER  DEPARTMENT
     NUMBER
01-C00000001 STKLOCA  ENG DRAW # 1234  SHPPCKTEST            DP10

DETAILED OPERATIONS LIST
                                                                                                             *---
-------------------*
                                                                                                             |
    Bar Code       |
                                                                                                             *---
-------------------*

OPER M      FAC   OPERATION           PROCESS         MOVE    QUEUE    START   CMPLTN     SETUP     RUN
OPERATION        STAT
NO    S DEPT ID   DESCRIPTION          SHEET  TOOL     TIME    TIME     DATE     DATE      TIME      TIME
   COST          CODE
0010   DP90 IN040 MAKE PRODUCT BASE    PA0122            .00      .000  0/00/00  0/00/
00       .00      7.16 HRS       1,133.40     10

                                                                                                             *---
-------------------*
                                                                                                             |
    Bar Code       |
                                                                                                             *---
-------------------*

MISCELLANEOUS CHARGES LIST
MISCELLANEOUS    MISCELLANEOUS          UNIT/
REQ        REQUIRED                                   STANDARD        TURNAROUND
CHARGE NUMBER    DESCRIPTION            QUANTITY       QUANTITY         UNIT COST                  COST
   NUMBER

CHG1             PRINT LABELS                3.0000        75.000            .0075                      .56
CHG2             BOTTLE TREAT                 .0000         2.000            .0000                    10.00
```

This reports prints if PM&C is installed and format 1 is selected for worksheets.

Print from option 2 on menu AMIM44 (Shop Packet Creation Menu) or option 7 from menu AMIM70 (File Maintenance Menu.) The report can show the end item ordered, its components, and (if PC&C is interfacing with IM) details about operations, such as the operations required to produce the end item and standard times. The information included depends on your answers to the install/tailor questionnaire and on the options you select when you print the report.

## Fields

***ORDER NUMBER.*** The control number identification of this manufacturing order.

***ITEM NUMBER.*** The item number of the manufacturing order's end item. It is stored in the Manufacturing Order Master record.

***DESCRIPTION.*** The item description of the manufacturing order's end item. It is stored in the Manufacturing Order Master record.

**Note:** If KBC is interfacing and this is a configured item, the configured description and option comments appear below the item description.

***WH.*** The warehouse of the manufacturing order's end item. It is stored in the Manufacturing Order Master record.

***REV(Revision) .*** The revision identifier associated with this parent item. This field appears only in PM&C and only if EPDM is interfacing.

***UM.*** Appears only in PM&C. The unit of measure.

***ORDER QUANTITY.*** The quantity released to the shop floor at the first operation. (This field appears when PC&C and IM are interfacing.)

***START DATE.*** The date when an order is to begin. The order start date can only be specified in the IM order release or Manufacture Order Master file maintenance procedures.

***LAST TRANS DATE.*** The date of the last activity on the order. (This field appears when PC&C and IM are interfacing.)

***DUE DATE.*** The scheduled completion date of a manufacturing order. It is calculated by the PC&C forward scheduling routine. The scheduled completion date of the last operation within a manufacturing order becomes the scheduled completion date of the order. (This field appears when PC&C and IM are interfacing.)

***UNIT COST.*** The cost per unit of the end item to be manufactured for the order. The cost can be entered manually or calculated from receipts by average, standard, or last cost methods. If the calculated cost is 0 (zero), the unit cost (CSTPC) in the Manufacturing Order Master file is not changed by the order. (This field appears when PC&C and IM are interfacing.)

***STANDARD COST.*** The standard order projected cost. It is the original order quantity multiplied by the standard unit order cost. The standard unit order cost is the finished item unit cost selected according to the IM application tailoring option.

***QTY IN SPLITS.*** The quantity of this order contained in split orders.

***CUSTOMER JOB NUMBER.*** This field can be used to relate this manufacturing order to a specific customer job number.

***WAREHOUSE STOCK LOC.*** The manufacturing order's end item stock location. It is stored in the Manufacturing Order Master record.

***ENGINEERING DRAWING NUMBER.*** The end item's engineering drawing number. It is stored in the Manufacturing Order Master record when the shop order was created during order release.

***MULTI-ORD REFERENCE.*** A code that can be used to group manufacturing orders for reporting purposes. Orders can be categorized for subtotals on the summary reports or selected together by this grouping in a detail reporting run. The grouping can be different from the customer job number and item number grouping, but these groupings have to be specified manually in IM order entry or Manufacture Order Master file maintenance by using the field Reference Number.

***PLANNER.*** A code that identifies the person responsible for planning the replenishment strategy for this item.

***DEPARTMENT.*** The department associated with this order.

***TURNAROUND NUMBER.*** The turnaround number for this item. (This field appears when PM&C and IM are interfacing.)

***COMPONENT DESCRIPTION.*** The description for this component item.

***WH.*** The number of the warehouse in which this component item is located.

***REVISION .*** The revision identifier associated with this component item. This field appears only in PM&C and only if EPDM is interfacing.

***STOCK LOC.*** The component item's location in the warehouse.

***U/M.*** The units used to express the component item quantity.

***STANDARD QUANTITY.*** The component quantity required for this order.

***ISSUED QUANTITY.*** The component quantity issued to the order since the order was first released.

***STANDARD COST.*** The standard unit cost multiplied by the order quantity. (This field appears when PC&C and IM are interfacing.)

***USER SEQ.*** A number used together with the component item number to establish the sequence of the bill of material.

***OPSEQ.*** A 4-digit field which sequences the manufacturing operations.

***DATE REQ.*** The date the material is required for the order.

***OP START.*** The start date for the operation as calculated by PC&C. This field appears when IM and PC&C are interfacing.

***F/S (Floor Stock).*** The floor stock number for this item. Valid codes are:

| | |
|---|---|
| **blank** | This item is not floor stock. |
| **C** | This item is controlled floor stock. |
| **U** | This item is uncontrolled floor stock. |

***LOCATION.*** The stock location of the item, as stored in the Location Detail file. If you are using uncontrolled warehouses, no data is printed in this field.

***BATCH/LOT NUMBER.*** The batch/lot number of each allocated and unallocated quantity. No data is printed in this field if you are using an uncontrolled warehouse.

***FIFO DATE.*** The date the item was received in stock. No data is printed in this field if you are using an uncontrolled warehouse.

***ALLOCATED or UNALLOCATED.*** The on hand quantity of each item needed to fill the order, listed by stock location. The number of quantities that print for each item varies depending on the option you selected from the Shop Packet display. If there are no quantities for an item, the message "none approved" is printed.

***OPER NO.*** This field identifies the manufacturing step necessary to complete an order. The forward scheduling routine in PC&C follows the sequence of the operation within a manufacturing order to schedule the start and completion dates of each operation. In addition, an estimated completion date for the whole order is determined to be the scheduled completion date of the last operation of that order. (This field appears when PC&C and IM are interfacing.)

***MS.*** A code that identifies the type of sub-operation the operation is, if the operation belongs to a milestone group. (This field appears when PC&C and IM are interfacing.)

First sub-operation:

**B** A milestone group with no activity reported
**P** A milestone group with activity reported
**C** A milestone group with activity reported complete

Not first or last sub-operation:

**S** A sub-operation which is between the first and last sub-operations

Last sub-operation:

**J** The end of a job shop milestone group
**F** The end of a flow shop milestone group

***DEPT.*** The department number entered on the shop feedback document. If blank, the Payroll application defaults to the department number in the Employee Master file. (This field appears when PC&C and IM are interfacing.)

***FAC ID.*** The planned work center where this operation is to be performed. (This field appears when PC&C and IM are interfacing.)

***OPERATION DESCRIPTION.*** The description of that individual operation in a manufacturing order. (This field appears when PC&C and IM are interfacing.)

***PROCESS SHEET.*** The number of the process sheet that further describes a routing of an end item. (This field appears when PC&C and IM are interfacing.)

***TOOL.*** A number that identifies either a specific special tool or a list of tools needed to perform the operation. The control of a master list of special tools must be done outside of the XA data base. (This field appears when PC&C and IM are interfacing.)

***MOVE TIME.*** The planned move time in days for a manufacturing operation. This value may come from the Routing file or be entered in order entry or file maintenance. It is used in the manufacturing order forward scheduling routines. (This field appears when PC&C and IM are interfacing.)

***QUEUE TIME.*** The planned queue time in days for a manufacturing operation. This value may come from the Work Center file or be entered in order entry or file maintenance. It is used in the manufacturing order forward scheduling routines. (This field appears when PC&C and IM are interfacing.)

***START DATE.*** The start date for the operation as calculated by the forward scheduling routine in PC&C, based on the order start date.

***CMPLTN DATE.*** The scheduled completion date of a manufacturing operation. It is calculated by the PC&C forward scheduling routine. The scheduled completion date of the last operation within a manufacturing order becomes the scheduled completion date of the order. (This field appears when PC&C and IM are interfacing.)

***SETUP TIME.*** The amount of setup machine or setup labor time added together according to the prime load code of the operation. (This field appears when PC&C and IM are interfacing.)

***RUN TIME.*** The amount of run machine or run labor time added together according to the prime load code of the operation. (This field appears when PC&C and IM are interfacing.)

***OPERATION COST.*** The sum of the standard setup cost, run labor cost, machine cost, and overhead cost of the operation at the time of order release. (This field appears when PC&C and IM are interfacing.)

***STAT CODE.*** The manufacturing order status. The codes are:

**10** Released, but no activity reported

**40** Order started; material, outside operations, labor, machine or miscellaneous charges transaction processed

**45** IM material receipt to stock has been reported as complete; PC&C has not reported the order as complete (outside operations, labor, machine, and miscellaneous charges)

**50** PC&C has reported the order as complete (outside operations, labor, machine, and miscellaneous charges); IM material receipt to stock has not been reported as complete

**55** Order complete; includes all material, outside operations, labor, machine, and miscellaneous charges

**99** Order canceled; no activity has been reported.

***MISCELLANEOUS CHARGE NUMBER.*** The number identifying a miscellaneous charge within a manufacturing order. (This field appears when PC&C and IM are interfacing.)

***MISCELLANEOUS DESCRIPTION.*** The description of an individual charge for a manufacturing order. (This field appears when PC&C and IM are interfacing.)

***UNIT/REQ QUANTITY.*** This quantity is used, when it is not 0 (zero), to calculate a standard (or expected) miscellaneous charge required quantity by multiplying it with the original order quantity. (This field appears when PC&C and IM are interfacing.)

***REQUIRED QUANTITY.*** This quantity is used as the standard (or expected) fixed miscellaneous charge quantity when it is not 0 (zero). The unit required quantity field is ignored whenever this field is not zero. (This field appears when PC&C and IM are interfacing.)

***UNIT COST.*** The miscellaneous charge unit cost, used to calculate the standard (or expected) miscellaneous charge cost when it is not 0 (zero). It is multiplied by the miscellaneous required quantity (unit or fixed). (This field appears when PC&C and IM are interfacing.)

***STANDARD COST.*** The miscellaneous charge fixed standard cost, used as the standard or expected) fixed miscellaneous charge cost when it is not 0 (zero). The unit cost field is ignored whenever this field is not 0 (zero). (This field appears when PC&C and IM are interfacing.)

# Shop Packet Worksheet (AMI4I2)

```
                SHOP PACKET WORKSHEET  DATE   9/19/**           PAGE     1  AMI4I2
NORTHCREEK IND.                        TIME 16.46.42  PAGE IN ORDER     1
ORDER    ITEM NUMBER     WH  DESCRIPTION      PLANNER        TURNAROUND
M000780 19333            ATL STRAWBERRY SHAMPOO                NUMBER
ORDER QTY       100.000        DEV QTY          .000
STOCK LOC A100                 SPL QTY          .000
JOB NO     01-C00000001

                                                                *---------------*
                                                                |   Bar Code    |
                                                                *---------------*

START DATE  7/31/**            DUE DATE  8/15/**

MATERIAL LIST BY COMPONENT ITEM NUMBER
COMPONENT ITEM  WH  STLOC     STD QTY   OPSEQ  DATE REQ       TURNAROUND
    USEQ        U/M    F      ISS QTY          OP START         NUMBER
 DESCRIPTION

                                                                *---------------*
                                                                |    Bar Code   |
                                                                *---------------*

21212           ATL WHSLOCD 2000000.222 0010  11/16/**
    1001               C           .000       11/16/**
 DL-PANTHENOL
UNALLOC QTY: 2,600,000.000
      LOCATION             BATCH/LOT NUMBER             FIFO DATE

  *-------------------------*                                   *---------------*
  |        Bar Code         |                                   |    Bar Code   *
  *-------------------------*                                   *---------------*
```

```
                SHOP PACKET WORKSHEET  DATE   9/19/**           PAGE     2  AMI4I2
NORTHCREEK IND.                        TIME 16.46.42  PAGE IN ORDER     2
ORDER    ITEM NUMBER     WH  DESCRIPTION      PLANNER        TURNAROUND
M000780 19333            ATL STRAWBERRY SHAMPOO                NUMBER
 C
ORDER QTY       100.000        DEV QTY          .000
STOCK LOC A100                 SPL QTY          .000
JOB NO     01-C00000001
START DATE  7/31/**            DUE DATE  8/15/**

                                                      *-------------------------*
                                                      |        Bar Code         |
                                                      *-------------------------*

DETAILED OPERATIONS LIST
OPNO M FACID  PROC    TOOL  ST  MOVE     SETUP   START           TURNAROUND
DEPT S  DESC  SHEET                QUEUE     RUN     COMPLT            NUMBER

0010   IN040 PROCNO DRILLL 10 12.11       .00 11/07/**
DP60    OPERATION DESC # 222   1.50 21,370.30  0/00/**

                                                      *-------------------------*
                                                      |        Bar Code         |
                                                      *-------------------------*

 C
MISCELLANEOUS CHARGES LIST
MISC CHARGE                QTY PER UNIT    TOTAL QTY              TURNAROUND
 DESCRIPTION                                                         NUMBER
CHG1                       1,234,567.1234 9,000,000.111

                                                      *-------------------------*
                                                      |        Bar Code         |
                                                      *-------------------------*
 PRINT LABELS
```

To print this report, use option 7 on the File Maintenance menu (AMIM70) or option 2 on the Shop Packet menu (AMIM44.)

This report prints if PM&C is installed and report format 2 is selected for worksheets.

## Fields

***ORDER.*** The control number identification of this manufacturing order.

***ITEM NUMBER.*** The item number of the manufacturing order's end item. It is stored in the Manufacturing Order Master record.

***WH.*** The warehouse of the manufacturing order's end item. It is stored in the Manufacturing Order Master record.

***DESCRIPTION.*** The item description of the manufacturing order's end item. It is stored in the Manufacturing Order Master record.

**Note:** If KBC is interfacing and this is a configured item, the configured description and option comments appear below the item description.

***PLANNER.*** A code that identifies the person responsible for planning the replenishment strategy for this item.

***TURNAROUND NUMBER.*** The turnaround number for the item. (This field appears when PM&C and IM are interfacing.)

***REV(Revision) .*** The revision identifier associated with this parent item. This field appears only in PM&C and only if EPDM is interfacing.

***ORDER QTY.*** The quantity released to the shop floor at the first operation. (This field appears when PC&C and IM are interfacing.)

***DEV QTY.*** The quantity by which the original order quantity has been changed.

***STOCK LOC.*** The manufacturing order's end item stock location. It is stored in the Manufacturing Order Master record.

***SPL QTY.*** The quantity of this order contained in split orders.

***JOB NO.*** This field can be used to relate this manufacturing order to a specific customer job number.

***START DATE.*** The scheduled start date of a manufacturing order. The order start date can only be specified in the IM order release or Manufacture Order Master file maintenance procedures.

***DUE DATE.*** The scheduled completion date of a manufacturing order. This is calculated by the PC&C forward scheduling routing. The scheduled completion date of the last operation within a manufacturing order becomes the scheduled completion date of the order. (This field appears when PC&C and IM are interfacing.)

***COMPONENT ITEM DESCRIPTION.*** The description for this component item.

***WH.*** The number of the warehouse in which this component item is located.

***STLOC.*** The component item's location in the warehouse.

***F.*** The floor stock number for this item. Valid codes are:

**blank** This item is not floor stock.
**C** This item is controlled floor stock.
**U** This item is uncontrolled floor stock.

***STD QTY.*** The component quantity required for this order.

***ISS QTY.*** The component quantity issued to the order since the order was first released.

***OPSEQ.*** A 4-digit field which sequences the manufacturing operations.

***DATE REQ.*** The date the material is required for the order.

***OP START.*** The start date for the operation as calculated by PC&C. The field appears when IM and PC&C are interfacing.

***TURNAROUND NUMBER.*** The turnaround number for this item. (This field is printed when PM&C and IM are interfacing.)

***REV(Revision) .*** The revision identifier associated with this component item. This field appears only in PM&C and only if EPDM is interfacing.

***UNALLOC QTY.*** Identifies the quantity of the item available for use in a batch or location.

***LOCATION.*** The stock location of the item, as stored in the Location Detail file. If you are using uncontrolled warehouses, no data is printed in this field.

***BATCH/LOT NUMBER.*** The batch/lot number of each allocated and unallocated quantity. No data is printed in this field if you are using an uncontrolled warehouse.

***FIFO DATE.*** The date the item was received in stock. No data is printed in this field if you are using an uncontrolled warehouse.

***OPNO.*** This field identifies the manufacturing step necessary to complete an order. The forward scheduling routine in PC&C follows the sequence of the operation within a manufacturing order to schedule the start and completion dates of each operation. In addition, an estimated completion date for the whole order is determined to be the scheduled completion date of the last operation of that order. (This field appears when PC&C and IM are interfacing.)

***DEPT.*** The department number entered on the shop feedback document. If blank, the Payroll application defaults to the department number in the Employee Master file. (This field appears when PC&C and IM are interfacing.)

***MS.*** A code that identifies the type of sub-operation the operation is, if the operation belongs to a milestone group. (This field appears when PC&C and IM are interfacing.)

First sub-operation:

**B** A milestone group with no activity reported
**P** A milestone group with activity reported
**C** A milestone group with activity reported complete

Not first or last sub-operation:

**S** A sub-operation between the first and last sub-operations

Last sub-operation:

**J** The end of a job shop milestone group
**F** The end of a flow shop milestone group

***FAC ID.*** The planned work center where this operation is to be performed. (This field appears when PC&C and IM are interfacing.)

***DESC.*** The description of that individual operation in a manufacturing order. (This field appears when PC&C and IM are interfacing.)

***PROC SHEET.*** The number of the process sheet that further describes a routing of an end item. (This field appears when PC&C and IM are interfacing.)

***TOOL.*** A number that identifies either a specific special tool or a list of tools needed to perform the operation. The control of a master list of special tools must be done outside of the XA data base. (This field appears when PC&C and IM are interfacing.)

***ST.*** The operation status code for the operation detail record.

***MOVE.*** The planned move time in days for a manufacturing operation. This value may come from the Routing file or be entered in order entry or file maintenance. It is used in the manufacturing order forward scheduling routines. (This field appears when PC&C and IM are interfacing.)

***QUEUE.*** The planned queue time in days for a manufacturing operation. This value may come from the Work Center file or be entered in order entry or file maintenance. It is used in the manufacturing order forward scheduling routines. (This field appears when PC&C and IM are interfacing.)

***SETUP.*** The amount of setup machine or setup labor time added together according to the prime load code of the operation. (This field appears when PC&C and IM are interfacing.)

***RUN.*** The amount of run machine or run labor time added together according to the prime load code of the operation. (This field appears when PC&C and IM are interfacing.)

***START.*** The start date for the operation as calculated by the forward scheduling routine in PC&C, based on the order start date.

***COMPLT.*** The scheduled completion date of a manufacturing operation. It is calculated by the PC&C forward scheduling routine. The scheduled completion date of the last operation within a manufacturing order becomes the scheduled completion date of the order. (This field appears when PC&C and IM are interfacing.)

***MISCELLANEOUS CHARGE.*** The number identifying a miscellaneous charge within a manufacturing order. (This field appears when PC&C and IM are interfacing.)

***DESCRIPTION.*** The description of an individual charge for a manufacturing order. (This field appears when PC&C and IM are interfacing.)

***QTY PER UNIT.*** The quantity of a miscellaneous charge item required for each unit of the order quantity.

***TOTAL QTY.*** The total quantity of the miscellaneous charge item required for this order. It is the result of multiplying the quantity per unit by the order quantity.

# Temporary Badge List (AMJDI)

```
   NORTHCREEK IND.                                       TEMPORARY BADGE LIST
DATE 11/30/**  TIME 19.27.57  PAGE    1  AMJDI
   NUMBER  NAME                      BADGE  EXPIRES
      80   BOB BRAGUE                    5  12/01/**
      90   DONNA STEPHERSON              6  12/15/**
     100   FRANCO HARRIS                 7  12/01/**
     110   TOM FULLER                    8  12/01/**
     120   JAMARRI BRIGHT                9  12/15/**
     130   DANIEL MCNEILL               10  12/04/**
     140   SARA CRUZ                    11  12/08/**
     150   TOM GORMAN                   12  12/01/**

       TOTAL NUMBER OF BADGES LISTED                8
        TOTAL NUMBER OF BADGES DELETED                 0
```

To print this report, use option 5 on menu AMJM40.

This report shows the number of temporary badges listed and deleted from the file.

## Fields

***NUMBER.*** The number assigned to the employee.

***NAME.*** The name of the employee.

***BADGE.*** The temporary badge number assigned to the employee.

***EXPIRES.*** The date the employee's temporary badge expires.

***TOTAL NUMBER OF BADGES LISTED.*** The total number of temporary badges that were within the range requested.

***TOTAL NUMBER OF BADGES DELETED.*** The total number of temporary badges that were deleted within the range requested.

# Transaction Edit List (AMJCL)

```
NORTHCREEK IND.                   TRANSACTION EDIT LIST   ALL TRANSACTIONS          DATE  7/26/
**  TIME 17.53.25  PAGE    1  AMJCL


                                  CUTOFF DATE:  7/11/
**  TIME: 23:59                OPER
                            TRANSACTIONS SELECTED: LABOR TRANSACTIONS

                                                   INVENTORY TRANSACTIONS

                                                   PHYSICAL INVENTORY TRANSACTIONS

                                                   REPETITIVE TRANSACTIONS

                                                   USER TRANSACTIONS



---------------------------------------------------------------------------

  170 JOSH A. SCHREER           DEPT DP10  DATE  7/11/
**  SCHED   1 SHIFT 1
---------------------------------------------------------------------------


TRANS NO/TYPE:     251 TA   TRANS DATE:    7/11/
**   TRANS TIME:    7.58.02    STATION:         * 1 3    NO ERRORS FOUND
LINK TRANS NO:     271


TRANS NO/TYPE:     253 ER   TRANS DATE:    7/11/
**   TRANS TIME:   11.02.23    STATION:         * 1 3    DEACTIVATED
ERROR TRANS TYPE:   IS


TRANS NO/TYPE:     254 ZZ   TRANS DATE:    7/11/
**   TRANS TIME:   11.29.58    STATION:         * 1 3    NO ERRORS FOUND
USR1:  AAAAAA1              USR2   AAAAAA2         QTY:            10.000


TRANS NO/TYPE:     262 MC   TRANS DATE:    7/11/
**   TRANS TIME:   14.02.04    STATION:         * 1 3    POSTED
ORDER NO:      M000030      M/CHG: AABBCCDDEEFFGGH   FORCE-
ADD:           F     QTY:            10.000    AMT:             200.00
M/
DSC: MISC CHARGE

STD F/QTY:      10.000      STD U/QTY:      2.0000   STD F/COST:     200.00    STD U/
COST:    20.0000
OPERATION:


TRANS NO/TYPE:     263 CQ   TRANS DATE:    7/11/
**   TRANS TIME:   14.04.25    STATION:         * 1 3    POSTED
ORDER NO:                   WAREHOUSE:         ATL    ITEM:  21212             BLANKET REL:      0000    COMPLETI
ON CODE:
LOCATION:      A10124A      B/L NO:     100        FIFO DATE:     8/10/
**    APPROVE WH:        ATL    APPROVE LOC:    A10115E
APP QTY:       450.000      APP AMT:        .0000   REJECT WH:         ATL     REJECT LOC:    A10116E    REJECT Q
TY:     550.000
VENDOR:                     RETN QTY:         .000   RESUPPLY:                 U/M:                      APP/
REJ CODE:          0
                            SCRAP REASON:       02   REFERENCE:                SCRAP:          10.000

                            GRN NO:


TRANS NO/TYPE:     265 PS   TRANS DATE:    7/11/
**   TRANS TIME:   15.12.36    STATION:         * 1 3   POSTED
SCHEDULE:                   WAREHOUSE:           A    SCH ITM:                 PRODUCTION LINE: AA001   PICK LIST
 NO:          0
LINE LOC:                   B/L NO:                  FIFO DATE:     0/00/
00    CANCEL REPL CODE:        LINE STATUS CODE:
CONTAINER QTY:       0      PIECE QTY:      10.000    P/
L REF:             0    RETN LIST:          0    RETN REF:          0000
                            SUPPLY LOC:              REASON:                   REFERENCE:                S-
NO:
DUE DATE:      0/00/
00    ITEM:                      PRIORITY:                REWORK:                LAST TRANS:
OPERATION:                  RESUPPLY:

                            GRN NO:

TRANS NO/TYPE:     271 TA   TRANS DATE:    7/11/
**   TRANS TIME:   16.30.46    STATION:         * 1 3   NO ERRORS FOUND
LINK TRAN NO:      251


TRANS NO/TYPE:     305 RD   TRANS DATE:    7/11/
**   TRANS TIME    17.46.43    STATION:         * 1 3   POSTED
ORDER NO:      PD00010      WAREHOUSE:          1     ITEM:  ROLLERBALLPENS    USER SEQ:                 LINE SEQ:

BLANKET REL:                LOCATION:                B/L NO:                   FIFO DATE:    11/15/
```

```
TOTAL NUMBER OF TRANSACTIONS SELECTED          17
TOTAL NUMBER OF TRANSACTIONS NOT POSTED         0
TOTAL NUMBER OF TRANSACTIONS IN ERROR           0
TOTAL NUMBER OF ER TRANSACTIONS LISTED          1
TOTAL NUMBER OF TRANSACTIONS UNSELECTED         0
TOTAL NUMBER OF TRANSACTIONS LISTED            18
```

To print this report, use option 2 on menu AMJM30. When you press Enter from the Transaction Selection Options panel (AMJCI1), the Transaction Edit List is scheduled for printing.

If you have selected a company, a range of departments, or a range of warehouses, the title reflects the criteria you chose.

If the Maintenance Management System (MMS) is interfacing, you can print XA (production) items and Maintenance, Repair, and Overhaul (MRO) items.

If the edit list contains errors, you can either continue with option 3 (Prepare Transactions) to remove selected transactions, leaving the transactions not selected for you to correct and remove later; or you can clear this group of transactions from selection, correct the errors using transaction maintenance, and then select and edit this group again before running option 3 to finish processing them.

**Note:** Once selected, error-free transactions are eligible for processing and removal, and you cannot change them. If you need to change one of these transactions, you must first clear your previous selection using option 2 (Select and Edit Transactions) before performing transaction maintenance.

## Fields

Fields that appear for more than one transaction type are described only once.

***CUTOFF DATE and TIME.*** The ending date and time of the latest shift (plus shift extension hours) you selected to be included in this report.

***TRANSACTIONS SELECTED.*** Lists which category of transaction appear on this report.

The following information appears for each employee:

- Number and name of the employee
- Department to which the employee is assigned
- Date on which the employee worked the shift
- Work schedule to which the employee is assigned
- Shift indicator that is assigned in the Employee Master file at the time of this report.

The next five fields appear for all transaction types.

***TRANS NO/TYPE.*** The transaction number, type, and subtype.

***TRANS DATE and TIME.*** The date and time of the transaction.

***STATION.*** The three-character code that identifies the data-collection terminal where this transaction was entered. The first character is the controller ID. It identifies the system to which the terminal is attached. The second character is the loop ID and the third character is the station on that loop. If the controller ID is an asterisk (*), this transaction was entered at a work station, and the last two characters are the work station ID.

***CURRENT STATUS.*** The processing status of a transaction in the system. For example,

DEACTIVATED
ERROR FOUND
NO ERROR FOUND
POSTED
UNMATCHED
WAITING TO BE DEACTIVATED
WAITING TO BE POSTED

***LINK TRANS NO.*** The matching record's transaction number. If the TRANS TYPE is OF and an ON transaction was generated for the job, *GEN* appears in this field.

The following fields appear for all general Inventory Management transactions.

***ORDER NO.*** The number of the order associated with the transaction.

***WAREHOUSE.*** The warehouse code.

***ITEM.*** The item number code.

***USER SEQ.*** The user sequence number for the component item, if one exists.

***LINE SEQ.*** If Purchasing is installed, the line item sequence number for miscellaneous or service item. This field is blank for inventory items.

The next four fields appear only for Maintenance, Repair, and Overhaul (MRO) items if the Maintenance Management System (MMS) is interfacing.

****MRO* (Maintenance Repair Overhaul item).*** This field indicates that this is a spare part or a service item.

***WO-TASK (Work order and task).*** The number of the work order that originated in MMS, and a step on the work order that represents the task to charge field, not the task sequence number.

***COST CODE.*** The cost category that MMS uses to accumulate a particular cost associated with this work order or item. It is used only for non-stores and service items in MMS.

**Note:** If the purchase order affected by the transaction refers to a work order, the information in the work order, task, and cost code fields was not entered during transaction entry; it comes from the purchase order.

***BLANKET REL.*** If this is a blanket purchase order, the blanket release number associated with this item.

***LOCATION.*** If this is a controlled warehouse, the location where the item is stored.

***B/L NO.*** The batch/lot number associated with the item.

***FIFO DATE.*** The date the item was received in stock.

***COMPLETION CODE.*** One of the following appears:

**C** Order receipts are complete
**P** Partial receipt--order not yet complete
**R** Reopen closed order

***GRN.*** The goods received note number assigned to the item. This field appears if Goods Receivered Notes are supported in IM or if IFM is installed and interfacing.

***GRN INV .*** If Y appears, the GRN number is an invoice number. If N appears, the GRN number is for another type document such as a bill of lading. This field appears only if IFM is installed and interfacing.

***VENDOR.*** If this is a purchased item, the number of the vendor supplying the item.

***ORIGIN.*** The country where the item was manufactured or purchased.

***TO LOC.*** The stock location into which the item is being transferred, if it is being transferred to a controlled warehouse.

***TO WH.*** The code for the receiving warehouse.

***QTY.*** The total quantity for this transaction.

***U/M.*** The unit of measure.

***AMT.*** The amount of this transaction.

***REASON.*** The user-defined reason code.

***REFERENCE.*** The user-defined reference code.

***OPERATION.*** For MV transactions, this field contains the sequence number of the operation to which the order is being moved.

For ON and OFF transactions, this field contains the sequence number that identifies the operation within the production order.

For REP, SM, and RO transactions, this field contains the operation sequence number that identifies the reporting point in the production process where this transaction occurred.

***ERROR TRANS TYPE.*** The transaction type that is in error appears only for ER transactions.

***USR1 and 2.*** Up to 15 characters of user-defined data appear only for ZZ transactions.

The following seven fields appear only for MC transactions.

***M/CHG.*** The miscellaneous charge number.

***FORCE-ADD.*** If this field contains an F it indicates that this transaction is an unexpected charge that was not defined earlier and the charge is added to the file at the time the cost is posted. If this field is blank, it indicates that this transaction is posted against a charge that has already been defined.

***M/DSC.*** The miscellaneous charge detail description for the first Force-Add individual charge

***STD F/QTY.*** The standard fixed quantity for this miscellaneous charge.

***STD U/QTY.*** The standard or anticipated quantity of this miscellaneous cost required for each finished item.

***STD F/COST.*** The standard or anticipated miscellaneous fixed cost for this miscellaneous charge.

***STD U/CST.*** The standard or anticipated miscellaneous unit cost for the miscellaneous charge based on the standard miscellaneous quantity.

***FROM OPER.*** The operation from which the order is being moved appears only for MV transactions.

***NEW FAC ID.*** The location, work area, or facility to which the order is being moved appears only for MV transactions.

***FAC ID.*** The identification of the facility where the employee worked, if different from the facility ID to which the operation is already assigned. This field appears only for ON transactions.

***CREW CODE.*** This field indicates whether the employee clocked on the job as part of a work crew.

The remaining fields appear only for quality control (CQ) transactions.

***APPROVE WH.*** The warehouse to which the approved stock should be transferred.

***APPROVE LOC.*** The warehouse location where the approved stock should be stored.

***APP QTY.*** The total quantity of stock that has been approved as a result of the inspection.

***APP AMT.*** The inventory value of the approved stock.

***REJECT WH.*** The warehouse to which the rejected stock should be transferred.

***REJECT LOC.*** The warehouse location where the rejected stock should be stored.

***REJECT QTY.*** The total quantity of inventory stock that has been rejected as a result of the inspection.

***RETN QTY.*** From the rejected quantity, the quantity is being returned to the supplying vendor.

***APP/REJ CODE.*** This code indicates whether the entire quantity in this location is approved (1) or rejected (2).

***SCRAP.*** The quantity of the rejected stock that should be scrapped.

***SCRAP REASON.*** The code that explains the reason for this scrap.

***REFERENCE.*** The user-defined entry that provides additional information about this scrap.

***SCHEDULE.*** The number of the schedule against which this transaction should be reported.

***SCH ITM.*** The item on the schedule for which the component item being issued is required.

***PRODUCTION LINE.*** The identification of the production line where this transaction was reported.

***PICK LIST NO.*** The number of the pick list on which this schedule appears.

***LINE LOC.*** The number of the location on the production line where the transaction is being reported.

***CANCEL REPL CODE.*** If this field is blank, it indicates that replenishment is not canceled. If replenishment is canceled for this item 1 appears.

***LINE STATUS CODE.*** This field indicates whether the production line is started (1) or stopped (2).

***CONTAINER QTY.*** The quantity (in containers) of the component being used for this transaction.

***PIECE QTY.*** The quantity (in pieces) of the component being used for this transaction.

***P/L REF.*** The reference number that identifies the specific line number on the pick list.

***RETN LIST.*** The number of the return list on which this schedule appears.

***RETN REF.*** The reference number that identifies the specific line number on the return list.

***S-NO.*** The select number that contains the features and options codes for the schedule item.

***DUE DATE.*** The completion date assigned to the production schedule.

***PRIORITY.*** If the item is needed immediately, Y appears. If the item can be sent on the normal replenishment cycle, N appears.

***REWORK.*** This field indicates whether the receipt is for a rework operation.

***LAST TRANS.*** If this is the last transaction in the schedule (schedule is complete), Y appears. If there are more transactions in the schedule, N appears.

***SELECTED.*** The number of transactions selected on this report.

***NOT POSTED.*** The number of error-free transactions that have been selected for posting but are waiting to be processed in UJOB, or once selected are the way to UJOB.

***IN ERROR.*** The number of transactions in error.

***ER TRANSACTIONS LISTED.*** The number of ER transactions that appear on the report.

***UNSELECTED.*** The number of error-free transactions that could not be selected because the employee had other errors for the day.

***LISTED.*** The total number of transactions that appear on the report.

# Transaction Log—by Controller (AMJCM1), by Station (AMJCM2), by Employee (AMJCM3)

```
 NORTHCREEK IND.            TRANSACTION LOG BY EMPLOYEE          DATE 10/31/**  TIME 19.05.16  PAGE   1  AMJCM3
STATION  SEQUENCE  TYPE  TRANSACTION   TIME    DATE   EMPLOYEE  ORDER    OPER OR ITEM     WH LOCATION   QUANTITY
 011      134     TA I       7    1.30.00   8/10/**     80
 121      136     RM         9    1.25.31   8/03/**    140    M000890    0020          333  A1AA2H2     1000000.000
 023      135     MV         8    1.50.15   8/03/**    150    M000890    0010          333  A1AA2H1           .000
```

```
NORTHCREEK IND.            TRANSACTION LOG BY CONTROLLER          DATE 10/31/**  TIME 19.05.05  PAGE   1  AMJCM1
STATION  SEQUENCE  TYPE  TRANSACTION   TIME    DATE   EMPLOYEE  ORDER    OPER OR ITEM     WH LOCATION   QUANTITY
 011      134     TA I       7    1.30.00   8/03/**     80
 023      135     MV         8    1.50.15   8/03/**    150    M000890    0010          333  A1AA2H1           .000
 121      136     RM         9    1.25.31   8/03/**    140    M000890    0020          333  A1AA2H2     1000000.000
```

```
NORTHCREEK IND.            TRANSACTION LOG BY STATION          DATE 10/31/**  TIME 19.05.12  PAGE   1  AMJCM2
STATION  SEQUENCE  TYPE  TRANSACTION   TIME    DATE   EMPLOYEE  ORDER    OPER OR ITEM     WH LOCATION   QUANTITY
 011      134     TA I       7    1.30.00   8/10/**     80
 121      136     RM         9    1.25.31   8/03/**    140    M000890    0020          333  A1AA2H2     1000000.000
 023      135     MV         8    1.50.15   8/03/**    150    M000890    0010          333  A1AA2H1           .000
```

To print this report, use option 2 on menu AMJM30.

When you press **Enter** from the Transaction Selection Options display (AMJCI1), and if you requested Transaction Logs to be produced, one or more of these reports are scheduled for printing

- AMJCM1. The items listed on this report are by date and time within controller ID. This sequence identifies missing transaction sequence numbers, and so helps audit for missing transactions.
- AMJCM2. The items listed on this report are by date and time within three-character station ID. This sequence helps match crew clock transactions with the proper previous transaction.
- AMJCM3. The items listed on this report are by date and time within employee number. This sequence provides a concise list of the transactions for each employee.

## Fields

***STATION.*** The three-character code that identifies the data-collection terminal where this transaction was entered. The first character is the controller ID. It identifies the personal computer to which the terminal is attached. The second character is the loop ID and the third character is the station on that loop. If the controller ID is an asterisk (*), this transaction was entered at a work station, and the last two characters are the work station ID.

***SEQUENCE.*** The acquisition sequence number is a sequential number assigned by the personal computer as transactions are received from the terminals. Transactions entered at a work station do not have sequence numbers.

***TYPE.*** The type of transaction.

***TRANSACTION.*** The transaction number.

***TIME.*** The time the transaction was entered.

***DATE.*** The date the transaction was entered.

***EMPLOYEE.*** The employee number of the employee who entered the transaction.

***ORDER.*** The order number associated with the transaction.

***OPER OR ITEM.*** The operation or item number associated with the transaction.

***WH LOCATION.*** The warehouse and location associated with the item affected by the transaction.

***QUANTITY.*** The quantity associated with the transaction.

# Transaction Preparation Totals (AMJCQ)

```
                                              TRANSACTION PREPARATION TOTALS              DATE 12/12/
**  TIME 15.40.11  PAGE    1  AMJCQ

   PREPARED TRANSACTIONS:
     PRODUCTION CONTROL             0
     INVENTORY                      5
     REPETITIVE                     0
     QUALITY CONTROL                3
     PHYSICAL INVENTORY             0
     PAYROLL                        0
     USER-DEFINED                   0
     USER TRANSACTIONS              0
```

To print this report, use option 3 on menu AMJM30. The Transaction Preparation Totals Report is printed during transaction preparation.

This report shows the total number of transactions prepared for the following transaction categories based on the options you specified on the Prepare Transactions display (AMJCI2). The prepared transaction categories are:

PRODUCTION CONTROL
INVENTORY
REPETITIVE
QUALITY CONTROL
PHYSICAL INVENTORY
PAYROLL
USER-DEFINED
USER TRANSACTIONS

# Work Schedule List (AMJGE)

```
   NORTHCREEK IND.                                  WORK SCHEDULE LIST                                 DATE  9/19/
**   TIME 17.47.02  PAGE    1  AMJGE

        LENGTH          ------ T/A SHIFT ------ ------ JOB SHIFT ------  LUNCH START  -- JOB BREAKS --
  SCHED MAX OT          START LCH-S LCH-E  END   START LCH-S LCH-E  END    EXT  END      PAID START STOP
  111      :08  EARLY   7:00 11:30 12:30  3:00   6:30 10:30 11:30  2:30     Y  11:30   1:        :00    :00 PAY BASIS
 A    DATE BY S
           :25  LATE    8:00 12:30  1:30  4:00   7:30 11:30 12:30  3:30          1:00   2:        :00    :00 CALC VAR
 Y    T/A REQ Y
                STD     7:30 12:00  1:00  3:30   7:00 11:00 12:00  3:00                 3:        :00    :00 VAR LIMIT
                                                                                        4:        :00    :00 VAR DEPT/
FAC
                                                                                        5:        :00    :00 BRK DEPT/
FAC 0200

  123      :01  EARLY   7:30 12:00 12:30 15:00   8:00 12:00 12:30 15:00     Y    8:00   1: N     9:15   9:30 PAY BASIS
 A    DATE BY S
           :02  LATE    7:30 12:00 12:30 15:00   8:00 12:00 12:30 15:00         16:00   2: N    13:00 13:30 CALC VAR
 Y    T/A REQ Y
                STD     7:30 12:00 12:30 15:00   8:00 12:00 12:30 15:00                 3:        :00    :00 VAR LIMIT
                                                                                        4:        :00    :00 VAR DEPT/
FAC 0000 00000
                                                                                        5:        :00    :00 BRK DEPT/
FAC 0000 00000


  222      :10  EARLY   8:00 12:00 13:00 15:00   8:00 12:00 13:00 15:00     Y  11:30   1:        :00    :00 PAY BASIS
 D    DATE BY
           :02  LATE    8:00 13:00 14:00 16:00   8:00 13:00 14:00 16:00         12:00   2:        :00    :00 CALC VAR
 N    T/A REQ N
                STD     8:00 12:30 13:30 15:30   8:00 12:30 13:30 15:30                 3:        :00    :00 VAR LIMIT
                                                                                        4:        :00    :00 VAR DEPT/
FAC 0000 00000
                                                                                        5:        :00    :00 BRK DEPT/
FAC 0000 00000

  SCHEDULES LISTED        3
```

To print this report, use option 3 on menu AMJM60. All work schedules are included in this list.

## Fields

***SCHED.*** The work schedule.

***LENGTH MAX OT.*** The maximum length of overtime.

***T/A SHIFT.*** For time and attendance employees, the early, late and standard shift and lunch start and end times. The shift times are:

- START
- LCH-S
- LCH-E
- END

***JOB SHIFT.*** For job shift employees, the early, late and standard shift and lunch start and end times. The shift times are:

- START
- LCH-S
- LCH-E
- END

***LUNCH EXT.*** Lunch extract indicator.

***START/END.*** Extracted lunch start and end times.

***JOB BREAKS PAID.*** Paid break indicator.

***JOB BREAKS START/STOP.*** Start and stop times of breaks.

***PAY BASIS.*** Pay basis indicator.

***CALC VAR.*** Variance calculation indicator.

***VAR LIMIT.*** Variance time limit.

***VAR DEPT/FAC.*** Department and production facility charged for variance.

***BRK DEPT/FAC.*** Department and production facility charged for breaks.

***DATE BY.*** The code that indicates whether activity is dated as of the start (S) or end (E) of the shift.

***T/A REQ.*** For off-only reporting, T/A transaction required indicator.

# Work Schedule Maintenance Register (AMJFB)

```
   NORTHCREEK IND.                                    WORK SCHEDULE MAINTENANCE REGISTER        DATE  9/19/
**  TIME 17.09.28  PAGE    1  AMJFB

  BATCH  24

              LENGTH  --------- SHIFT T/A --------   ------ JOB SHIFT ----- LUNCH START   --- JOB BREAKS --
  ACTION SCH  SHF EX        START LCH-S LCH-E  END   START LCH-S LCH-E  END  EXT  END     PAID START STOP

  BEFORE 123   :01    EARLY  7:00 12:00 12:30 15:00  8:00 12:00 12:30 15:00   Y    8:00 1:       :00   :00 PAY BAS
IS   A  DATE BY
               :02    LATE   7:00 12:00 12:30 15:00  8:00 12:00 12:30 15:00       16:00 2:       :00   :00 CALC VA
R    Y  T/A RE
                      STD    7:00 12:00 12:30 15:00  8:00 12:00 12:30 15:00             3:       :00   :00 VAR LIM
IT
                                                                                        4:       :00   :00 VAR DEP
T/FAC 0200

                                                                                        5:       :00   :00 BRK DEP
T/FAC 0200

  AFTER        :01    EARLY  7:00 12:00 12:30 15:00  8:00 12:00 12:30 15:00   Y    8:00 1:       :00   :00 PAY BAS
IS   A  DATE BY
               :02    LATE   7:00 12:00 12:30 15:00  8:00 12:00 12:30 15:00       16:00 2:       :00   :00 CALC VA
R    Y  T/A REQ
                      STD    7:00 12:00 12:30 15:00  8:00 12:00 12:30 15:00             3:       :00   :00 VAR LIM
IT
                                                                                        4:       :00   :00 VAR DEP
T/FAC 0000 00000
                                                                                        5:       :00   :00 BRK DEP
T/FAC 0000 00000


  SESSION STATUS - RECORDS ADDED                0
                   RECORDS CHANGED              1
                   RECORDS DELETED              0
```

To print this report, use option 7 on menu AMJM50.

The Work Schedule Maintenance Register (AMJFB) is scheduled for printing when you select F24 from the Work Schedule Maintenance (Status) display (AMJFB3).

This report shows all the changes made during the file maintenance session. The fields shown on this report are found on the Work Schedule Maintenance displays. The file statistics shown at the bottom of this report should match the last display you reviewed of the Work Schedule Maintenance (Status) display (AMJFB3).

## Fields

***ACTION.*** The action taken (for changes, the before and after images are shown).

***SCH.*** The work schedule number.

***LENGTH SHF EXT.*** The length to which a shift can be extended.

***SHIFT T/A.*** For time and attendance employees, the early, late and standard shift and lunch start and end times. The times are:

- START
- LCH-S
- LCH-E
- END

***JOB SHIFT.*** For job shift employees, the early, late and standard shift and lunch start and end times. The times are:

- START
- LCH-S
- LCH-E
- END

***LUNCH EXT.*** Lunch extract indicator.

***START/END.*** Lunch start and end times.

***JOB BREAKS PAID.*** Paid break indicator.

***JOB BREAKS START/STOP.*** Start and stop times of breaks.

***PAY BASIS.*** Pay basis indicator.

***DATE BY.*** The code which indicates whether activity is dated as of the start (S) or end (E) of the shift.

***CALC VAR.*** Variance calculation indicator.

***T/A REQ.*** For off-only reporting, T/A transaction required indicator.

***VAR LIMIT.*** Variance time limit.

***VAR DEPT/FAC.*** Department and production facility charged for variance.

***BRK DEPT/FAC.*** Department and production facility charged for breaks.

# Chapter 11. Forms

Once the programs are installed and you have answered the tailoring questionnaire, the system is ready for your business information. Maintenance forms from those applications are included here. If you are installing one or more of these other applications along with PM&C, refer to the documentation for those applications for information about loading your business data into their master files for the first time.

You must enter your work schedules into PM&C using file maintenance. After that, use the XA Payroll application's Employee Master file maintenance option to assign each employee to a work schedule. If XA Payroll is not installed, you can use PM&C's Employee Master file maintenance option to update the employee records. Blank, reproducible versions of the forms appear in this chapter along with references to the displays where you can find descriptions of the fields.

Forms included are:

**IM-14** Manufacturing Order Master File Maintenance

**IM-15** Manufacturing Order Detail File Maintenance

**PC-26A** Manufacturing Order Miscellaneous Detail—File Maintenance

**PC-25A** Manufacturing Order Operation Detail—File Maintenance

**PC-25C** Manufacturing Order Operation Detail—Additional Description File Maintenance

**PC-25D** Manufacturing Order Operation Detail—Milestone Group Maintenance

**PM-23** Production Facility Maintenance

**TM-01** Variable Capacity Master File Maintenance

**MC-01** Employee Maintenance

**MC-02** Work Schedule Maintenance

# Manufacturing Order Master file maintenance (IM-14)

Display AMI7D1, AMI7D2

Order number* (A7) _ _ _ _ _ _ _

Description (A30) _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

Eng drawing (A15) _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

Order quantity (N10.3) _ _ _ _ _ _ _ . _ _ _

Quantity deviation (N10.3) _ _ _ _ _ _ _ . _ _ _

Management priority (A1) _

Quantity received (N10.3) _ _ _ _ _ _ _ . _ _ _

Department (A4) _ _ _ _

Scrap quantity (N10.3) _ _ _ _ _ _ _ . _ _ _

Stock location (A7) _ _ _ _ _ _ _

Split order qty (N10.3) _ _ _ _ _ _ _ . _ _ _

Job number (A12) _ _ _ _ _ _ _ _ _ _ _ _

Reference number (A10) _ _ _ _ _ _ _ _ _ _

Sched start date (N6) _ _ _ _ _ _

Planner (N5) _ _ _ _ _

Actual start date (N6) _ _ _ _ _ _

Order acctg class (A3) _ _ _

Due date (N6) _ _ _ _ _ _

Reschedule code (N1) _

Last activity date (N6) _ _ _ _ _ _

Unit cost (N19.8) _ _ _ _ _ _ _ _ _ _ _ . _ _ _ _ _ _ _ _

_ F10 Cancel order

_ F11 Reactivate order

* This field is required.

Use form IM-14 to maintain manufacturing order information in the Manufacturing Order Master file.

The fields on this form are described under displays “AMI7D1—Manufacturing Order Master File Maintenance (Select)” and “AMI7D2—Manufacturing Order Master File Maintenance (Change)”.

# Manufacturing Order Detail file maintenance (IM-15)

**Display AMI7E1, AMI7E2**

_ Add
_ Change *(A1)
_ Delete

| | |
|---|---|
| Order number* (A7) | _ _ _ _ _ _ _ |
| Component* (A15) | _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ |
| Warehouse (A3) | _ _ _ |
| Description (A30) | _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ |
| Revision (A6) | _ _ _ _ _ _ |
| Total quantity (N10.3) | _ _ _ _ _ _ _ . _ _ _ |
| Adjusted quantity per (N15.7) | _ _ _ _ _ _ _ _ . _ _ _ _ _ _ _ |
| Standard quantity per (M15.7) | _ _ _ _ _ _ _ _ . _ _ _ _ _ _ _ |
| Calculate by Order Qty <0> or Open Qty <P> (A1) | _ |
| Unit cost (N19.8) | _ _ _ _ _ _ _ _ _ _ _ . _ _ _ _ _ _ _ _ |
| Required date (N6) | _ _ _ _ _ _ |
| Last issue date (N6) | _ _ _ _ _ _ |
| Customer job number (A12) | _ _ _ _ _ _ _ _ _ _ _ _ |
| Operation where used (A4) | _ _ _ _ |
| Stock location (A7) | _ _ _ _ _ _ _ |
| Unit of measure (A2) | _ _ |
| Floor stock code <C/U>(A1) | _ |
| User sequence (A4) | _ _ _ _ |

Use form IM-15 to maintain manufacturing order information in the Manufacturing Order Detail file.

See “AMI7E1—Manufacturing Order Detail File Maint. (Select)” and “AMI7E2—Manufacturing Order Detail File Maint. (Add or Change)” for a description of the fields on this form.

## Mfg Order Miscellaneous Detail file maintenance (PC-26A)

```
Display AMC620

*Order number (A7) M_ _ _ _ _ _
*Miscellaneous charge number (A15) _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

*Action code (A1)  _                    Status (N2) _ _

Misc description (A20)          _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

Quantity req/unit ±± (N11.4)     _ _ _ _ _ _ _ . _ _ _ _  _

Anticipated cost/unit (N15.4)   _ _ _ _ _ _ _ _ _ _ _ . _ _ _ _

Fixed quantity required (N10.3) _ _ _ _ _ _ _ . _ _ _

Anticipated fixed cost (N13.2)  _ _ _ _ _ _ _ _ _ _ _ . _ _


*Order number (A7) M_ _ _ _ _ _    *Miscellaneous charge number (A15) _ _ _ _ _ _ _ _ _ _
 _ _ _ _ _

*Action code (A1)  _                    Status (N2) _ _

Misc description (A20)          _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

Quantity req/unit ±± ±(N11.4)     _ _ _ _ _ _ _ . _ _ _ _  _

Anticipated cost/unit (N15.4)   _ _ _ _ _ _ _ _ _ _ _ . _ _ _ _

Fixed quantity required (N10.3) _ _ _ _ _ _ _ . _ _ _

Anticipated fixed cost (N13.2)  _ _ _ _ _ _ _ _ _ _ _ . _ _


*Order number (A7) M_ _ _ _ _ _    *Miscellaneous charge number (A15) _ _ _ _ _ _ _ _ _ _
 _ _ _ _ _

*Action code (A1)  _                    Status (N2) _ _

Misc description (A20)          _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

Quantity req/unit ±±± (N11.4)     _ _ _ _ _ _ _ . _ _ _ _  _

Anticipated cost/unit (N15.4)   _ _ _ _ _ _ _ _ _ _ _ . _ _ _ _

Fixed quantity required (N10.3) _ _ _ _ _ _ _ . _ _ _
```

Anticipated fixed cost (N13.2) _ _ _ _ _ _ _ _ _ _ _ . _ _

± = Write + or – in last position

* Indicates a required field

Use form PC-26A to work with miscellaneous detail records in the Manufacturing Order Miscellaneous Detail file.

See “AMC620—Mfg Order Miscellaneous Detail–File Maintenance (Select)” for a description of the fields on this form.

# Mfg Order Operation Detail file maintenance (PC-25A)

**Display AMC610**

```
* Order number (A7) M_ _ _ _ _ _   * Operation number (A4) _ _ _ _  Status (N2) _ _

* Action code (A1)  _     Milestone (A1)    _

Operation description (A20)   _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

Std setup labor time ±± (N5.2)  _ _ _ . _ _          Work center ID (A5)   _ _ _ _ _

Std labor time/unit ± (N7.2)   _ _ _ _ _ . _ _       Setup crew size (N2)  _ _

Std machine time/ unit ±± (N7.2)_ _ _ _ _ . _ _       Time basis code (A1)  _

Move time in days ±± (N4.2)     _ _ . _ _             Current yield  (N4.3) _ . _ _ _

Tool (A6)                      _ _ _ _ _ _           Rework <Y/N>          _

Process sheet no. (A6)         _ _ _ _ _ _           PN Fac Actg Cls       _ _ _

Outside cost                    _ _ _ _ _ _ _ _ _ _ _ . _ _ _ _ _ _ _ _

 Additional descriptions follow for this order and operation (Form PC-25C) _


* Order number (A7) M_ _ _ _ _ _    * Operation number (A4) _ _ _ _    Status (N2) _ _

* Action code (A1)  _      Milestone (A1)    _

 Operation description (A20)  _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

 Std setup labor time ±± (N5.2) _ _ _ . _ _  _         Work center ID (A5)   _ _ _ _ _

 Std labor time/unit ± (N7.2)   _ _ _ _ _ . _ _          Setup crew size (N2)   _ _

 Std machine time/ unit ±± (N7.2)_ _ _ _ _ . _ _         Time basis code (A1)   _

 Move time in days ±± (N4.2)    _ _ . _ _                Current yield  (N4.3)  _ . _ _ _

 Tool (A6)                      _ _ _ _ _ _              Rework <Y/N>            _

 Process sheet no. (A6)         _ _ _ _ _ _              PN Fac Actg Cls         _ _ _

 Outside cost (N19.8)          _ _ _ _ _ _ _ _ _ _ _ . _ _ _ _ _ _ _ _

 Additional descriptions follow for this order and operation  (Form PC-25C) _


 ±= Write + or - in last position
 * Indicates a required field
```

Use form PC-25A to work with operation detail records for manufacturing orders.

See “AMC610—Mfg Order Operation Detail–File Maintenance (Select)” for a description of the fields on this form.

## Additional descriptions

If you want to include additional descriptions for this order and operation, put a check on the line that says “Additional descriptions follow for this order and operation (Form ..-...).” Form PC-25C is needed.

## Mfg Order Operation Detail—Additional Description file maintenance (PC-25C)

```
Display AMC615

*Order number (A7) _ _ _ _ _ _ _

*Operation number (A4)   _ _ _ _

 Line           Description
 (N4)           (A40)

_ _ _ _         _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
 _ _ _

_ _ _ _
   _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

_ _ _ _
    _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

_ _ _ _         _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
 _ _ _

_ _ _ _         _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
 _ _ _

_ _ _ _         _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
 _ _ _

_ _ _ _         _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
 _ _ _

_ _ _ _         _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
 _ _ _

_ _ _ _         _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
 _ _ _

_ _ _ _         _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
 _ _ _

_ _ _ _         _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
 _ _ _

_ _ _ _         _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
 _ _ _

_ _ _ _         _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
 _ _ _

_ _ _ _         _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
 _ _ _
```

```
* Indicates a required field
```

Use form PC-25C to add, change, or delete additional descriptions for operation detail records for manufacturing orders.

See “AMC615—Mfg Order Operation Detail–Add’l Description File Maintenance” for a description of the fields on this form.

# Mfg Order Operation Detail—Milestone Group Maintenance (PC-25D)

```
Display AMC616

 *Order number (A7)                  _ _ _ _ _ _ _

 *Action - Define <1>, Remove <2>    _

 *Beginning operation (A4)           _ _ _ _

 *Ending operation (A4)              _ _ _ _

 *Milestone type - Job Shop <J>
             -or-  Flow Shop <F>     _

  Additional descriptions follow for this order and operation (Form PC-25, A, B, or C) _

 *Order number (A7)                  _ _ _ _ _ _ _

 *Action - Define <1>, Remove <2>    _

 *Beginning operation (A4)           _ _ _ _

 **Ending operation (A4)             _ _ _ _

 *Milestone type - Job Shop <J>
             -or-  Flow Shop <F>     _

  Additional descriptions follow for this order and operation  (Form PC-25, A, B, or C) _

 *Order number (A7)                  _ _ _ _ _ _ _

 *Action - Define <1>, Remove <2>    _

 *Beginning operation (A4)           _ _ _ _

 **Ending operation (A4)             _ _ _ _

 *Milestone type - Job Shop <J>
             -or-  Flow Shop <F>     _

 Additional descriptions follow for this order and operation  (Form PC-25, A, B, or C) _


 * Indicates a required field
```

** Indicates a required field only for a Define action

Use form PC-25D to maintain milestone groups for manufacturing orders.

See “AMC616—Mfg Order Operation Detail–Milestone Group Maintenance” for a description of the fields on this form.

# Production Facility Maintenance (PM-23)

```
Display AMVT71, AMVT72, AMVT73                                Add _     Change _     Delete _
Facility ID (A5)                                  _ _ _ _ _
Facility type (A1)                                _
Description (required) (A40)           _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
Department (A4)                                   _ _ _ _
Production facility accounting class (A3)         _ _ _
Queue time-days (N4.2)                            _ _ . _ _
Foreman (A3)                                      _ _ _
Prime load code (A1)                              _
Average queue time (N7.2)                         _ _ _ _ _ . _ _
Location (A5)                                     _ _ _ _ _
Tracking signal (N7.2)                            _ _ _ _ _ . _ _
Queue MAD (7.2)                                   _ _ _ _ _ . _ _
Standard efficiency (N3.2)                        _ . _ _
Average standard output (N7.2)                    _ _ _ _ _ . _ _
Machine resource number (A5)                      _ _ _ _ _
Average efficiency (N3.2)                         _ . _ _
Average actual output (N7.2)                      _ _ _ _ _ . _ _
Labor resource number (A5)                        _ _ _ _ _
Extract machine breaks * (A1)                     _
Reporting method (A1)                             _
Clocking window (N1:2)                            _ : _ _
Current machine rate (N8.3)                       _ _ _ _ _ . _ _ _
Current run labor rate (N8.3)                     _ _ _ _ _ . _ _ _
Current setup labor rate (N8.3)                   _ _ _ _ _ . _ _ _
Current labor overhead rate/percentage (N8.3)     _ _ _ _ _ . _ _ _
Current labor overhead code (A1)                  _
Standard machine rate (N8.3)                      _ _ _ _ _ . _ _ _
Standard run labor rate (N8.3)                    _ _ _ _ _ . _ _ _
Standard setup labor rate (N8.3)                  _ _ _ _ _ . _ _ _
Standard labor overhead rate/percentage (N8.3)    _ _ _ _ _ . _ _ _
Standard labor overhead code (A1)                 _
                              Desired length      Maximum length      Desired capacity      Maximum capac
ity
        Shift 1 (N3.1)           _ _ . _             _ _ . _              _ _ . _              _ _ . _
        Shift 2 (N3.1)           _ _ . _             _ _ . _              _ _ . _              _ _ . _
        Shift 3 (M3.1)           _ _ . _             _ _ . _              _ _ . _              _ _ . _
Calendar ID (A10)                                 _ _ _ _ _ _ _ _ _ _
Post to oldest schedule (A1)                      _
Post to future schedule (A1)                      _
Facility stock location (A7)                      _ _ _ _ _ _ _
```

Use form PM-23 to maintain production facility records in the Production Facility file.

See the following for a description of the fields on this form:

- “AMVT72—Production Facility Maintenance (Change)”
- “AMVT73—Production Facility Maintenance (Delete)”

## Variable Capacity Master File Maintenance (TM-01)

```
_ 1. Add * (A1)
_ 2. Change
_ 3. Delete
_ 4. Delete all
```

**Displays AMVTC1, AMVTC2, AMVTC3, AMVTC4, AMVTC5**

```
Site (A3) *                     _ _ _
Facility ID * (A5)              _ _ _ _ _
Description (A40)               _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
Start date * (N6)               _ _ _ _ _ _
Number of days * (N2)           _ _
New shift length:
  Shift 1 (N3.1)                _ _ . _
  Shift 2 (N3.1)                _ _ . _
  Shift 3 (N3.1)                _ _ . _
Incremental resources:
  Shift 1 (N3.1)                 _ _ . _  +/-
  Shift 2 (N3.1)                 _ _ . _  +/-
  Shift 3 (N3.1)                 _ _ . _  +/-
Source description (N25)        _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
```

*Indicates a required field

+/- Indicates these fields are signed fields; you must show in the last position whether the value entered is to be added or subtracted from the base capacity.

Use form TM-01 to add, change, or delete variable capacity information.

## Add/Change/Delete

A required field that indicates the maintenance function you want to perform.

See “AMVTC1—Variable Capacity Maintenance (Select)”, “AMVTC2—Variable Capacity Maintenance (Add)”, and “AMVTC3—Variable Capacity Maintenance (Change)” for a description of the fields on this form.

# Employee Maintenance (MC-01)

**Display AMJFA1**

| | |
|---|---|
| *Employee number (A5) | _ _ _ _ _ |
| *Action (A1) | _ |

**Display AMJFA2**

| | |
|---|---|
| *Employee name (A25) | _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ |
| Department (A4) | _ _ _ _ |
| *Facility ID (A5) | _ _ _ _ _ |
| Occupation (A10) | _ _ _ _ _ _ _ _ _ _ |
| Work crew (A3) | _ _ _ |
| Multi-job (A1) | _ |
| Shift (N1) | _ |
| Schedule (N3) | _ _ _ |
| Address (A20) | _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ |
| City/State (A20) | _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ |
| Zip (A10) | _ _ _ _ _ _ _ _ _ _ |
| Telephone (N10) | _ _ _ _ _ _ _ _ _ _ |
| Company (N2) | _ _ |
| Hire (N6) | _ _ _ _ _ _ |
| Terminate (N6) | _ _ _ _ _ _ |

*Indicates a required field

Use form MC-01 to maintain employee records.

See “AMJFA1—Employee Maintenance (Select)” and “AMJFA2—Employee Maintenance (Add/Change/Delete)” for a description of the fields on this form.

# Work Schedule Maintenance (MC-02)

**Display AMJFB1**

*Schedule (N3) _ _ _

*Action (A1) _

**Display AMJFB2**

Shift length (N4) _ _ _ _

| | Early | Late | Standard |
|---|---|---|---|
| T/A shift start (N4) | _ _ _ _ | _ _ _ _ | _ _ _ _ |
| Lunch out (N4) | _ _ _ _ | _ _ _ _ | _ _ _ _ |
| Lunch return (N4) | _ _ _ _ | _ _ _ _ | _ _ _ _ |
| Shift end (N4) | _ _ _ _ | _ _ _ _ | _ _ _ _ |
| Job shift start (N4) | _ _ _ _ | _ _ _ _ | _ _ _ _ |
| Lunch out (N4) | _ _ _ _ | _ _ _ _ | _ _ _ _ |
| Lunch return (N4) | _ _ _ _ | _ _ _ _ | _ _ _ _ |
| Shift end (N4) | _ _ _ _ | _ _ _ _ | _ _ _ _ |

Lunch extract (A1) _

Start (N4) _ _ _ _ Shift extension hours (N4) _ _ _ _

End (N4) _ _ _ _ Date by start/end (A1) _

| | Paid (A1) | Start (N4) | Stop (N4) | | |
|---|---|---|---|---|---|
| | | | | Pay basis (A1) | _ |
| Job breaks 1 | _ | _ _ _ _ | _ _ _ _ | Calculate variance (A1) | _ |
| 2 | _ | _ _ _ _ | _ _ _ _ | Variance limit (N2) | _ _ |
| 3 | _ | _ _ _ _ | _ _ _ _ | Variance deptfac (A4, A5) | _ _ _ _ _ _ _ _ _ |
| 4 | _ | _ _ _ _ | _ _ _ _ | Paid break dept/fac (A4, A5) | _ _ _ _ _ _ _ _ |
| 5 | _ | _ _ _ _ | _ _ _ _ | T/A required <Y/N> (A1) | _ |

*Indicates a required field

All time is in international hours and minutes
(8:00 AM is 0800; 8:00 PM is 2000) and must be between 00:00 and 23:59.

Use form MC-02 to maintain work schedules.

See “AMJFB1—Work Schedule Maintenance (Select)” and “AMJFB2—Work Schedule Maintenance (Add/Change/Delete)” for a description of the fields on this form.

# Chapter 12. Accounting controls and audits

The auditing of data is important in the decision to implement a computer system. A company invests not only a substantial amount rof money, but all of its business information into the system. Management wants to know that the integrity of the data is ensured, that the users will be informed of all activities that change the data, and that in case of failure, the data can be recreated.

## Keeping control

The control reports shown in this chapter are used to make sure the records you have loaded match with what was expected. All the control reports in PM&C deal with the number of records added, changed, or deleted. By checking these reports, you can make sure that the files you loaded were loaded in their entirety and that the transactions you applied to them (using the file maintenance at the work station) actually took effect.

# Absence Entry and Approval

Display AMJDB5 appears when you use the Absence Entry and Approval function from the Administration menu. The Absence Entry and Approval Edit List prints after you update the Employee Absence file using the Administration function.

The following numbers should match:

**[1]** Records added and total number of records added

**[2]** Records changed and total number of records changed

**[3]** Records deleted and total number of records deleted

**[4]** Maintenance number and update number.

```
     DATE **/**/**        ABSENCE ENTRY AND APPROVAL           STATUS     AMJDB5  **


                                                      EMPLOYEE
                                                       ABSENCE
                        SESSION STATUS               DATA FILE

        [1]               RECORDS ADDED               *******

        [2]               RECORDS CHANGED             *******

        [3]               RECORDS DELETED             *******

        [4]               MAINTENANCE NUMBER              ***





                                                          F24 END OF JOB
```

```
   NORTHCREEK IND.                  ABSENCE ENTRY AND APPROVAL EDIT LIST          DATE 11/30/
**  TIME 18.56.14  PAGE    1  AMJDB

                    [4] UPDATE# 152


         TOTAL NUMBER OF RECORDS ADDED     [1]    0

         TOTAL NUMBER OF RECORDS CHANGED   [2]    0

         TOTAL NUMBER OF RECORDS DELETED   [3]    0
```

## Employee Maintenance

Display AMJFA3 appears when you use the Employee Master function from the File Maintenance menu. The Employee Maintenance Register prints after you update the Employee Master file using file maintenance.

The following numbers should match:

**[1]** Records added

**[2]** Records changed

**[3]** Records deleted

**[4]** Maintenance number and batch.

```
DATE **/**/**              EMPLOYEE MAINTENANCE       STATUS     AMJFA3   **

                                                EMPLOYEE
                                                 MASTER
                  SESSION STATUS                  FILE

 [1]                 RECORDS ADDED            *******

 [2]                 RECORDS CHANGED          *******

 [3]                 RECORDS DELETED          *******

 [4]                 MAINTENANCE NUMBER           ***




                                                     F24 END OF JOB
```

```
   NORTHCREEK IND.                      PRODUCTION MONITORING AND CONTROL          DATE   9/19/
**  TIME 17.09.04  PAGE    1  AMJFA
                                          EMPLOYEE MAINTENANCE REGISTER
                             [4]   BATCH  19


  SESSION STATISTICS - RECORDS ADDED    [1]    0

                       RECORDS CHANGED  [2]    2

                       RECORDS DELETED  [3]    0
```

## Manufacturing Order Material Detail

Display AMI7E4 appears when you use the Manufacturing Order Detail function from the File Maintenance menu. The Manufacturing Order Detail File Maintenance Edit List prints after you update the Manufacturing Order Detail file using file maintenance.

The following numbers should match:

**[1]** Records added and total number of records added

**[2]** Records changed and total number of records changed

**[3]** Records deleted and total number of records deleted.

```
DATE **/**/**   MANUFACTURING ORDER MATERIAL DETAIL       STATUS     AMI7E4  **

                                                MANUFACTURING
                                                    ORDER
                                                   DETAIL
            SESSION STATUS                          FILE

 [1]          RECORDS ADDED                   *,***,***

 [2]          RECORDS CHANGED                 *,***,***

 [3]          RECORDS DELETED                 *,***,***



                                                          F24 END OF JOB
```

```
   NORTHCREEK IND.                   MANUFACTURING ORDER DETAIL                   DATE  9/19/
**  TIME 17.08.05  PAGE    1  AMI7E
                                       FILE MAINTENANCE EDIT LIST                   OPER 42
     UPDATE#   2


[1] TOTAL NUMBER OF RECORDS ADDED          1

[2] TOTAL NUMBER OF RECORDS CHANGED        0

[3] TOTAL NUMBER OF RECORDS DELETED        0
                                                    *** END OF PRINT ***
```

## Manufacturing Order Master File Maintenance

Display AMI7D3 appears when you use the Manufacturing Order Master function from the File Maintenance menu. The Manufacturing Order Master Maintenance Edit List prints after you update the Manufacturing Order Master file using file maintenance.

The following numbers should match:

**[1]** Records changed and total number of records changed

**[2]** Orders canceled and total number of records canceled

**[3]** Orders reactivated and total number of records reactivated.

```
DATE **/**/** MANUFACTURING ORDER MASTER FILE MAINTENANCE STATUS     AMI7D3  **

                                          MANUFACTURING
                                              ORDER
                                             MASTER
            SESSION STATUS                    FILE

[1]           RECORDS CHANGED               *******

[2]           ORDERS CANCELED               *******

[3]           ORDERS REACTIVATED            *******



                                                    F24 END OF JOB
```

```
   NORTHCREEK IND.        MANUFACTURING ORDER MASTER MAINTENANCE EDIT LIST         DATE  9/19/
**  TIME 17.05.20  PAGE    1  AMI7D
                                                                                     OPER 42
     UPDATE#   3

      [1]  TOTAL NUMBER OF RECORDS CHANGED               1

      [2]  TOTAL NUMBER OF RECORDS CANCELED              0

      [3]  TOTAL NUMBER OF RECORDS REACTIVATED           0
                                                      *** END OF PRINT ***
```

## Manufacturing Order Miscellaneous Detail File Maintenance

Display AMC621 appears when you use the Manufacturing Order Miscellaneous Detail function from the File Maintenance menu. The Manufacturing Order Miscellaneous Detail Maintenance report prints after you update the Manufacturing Order Miscellaneous Detail Master file using file maintenance.

The following numbers should match:

**[1]** Records added

**[2]** Records changed

**[3]** Records deleted.

```
 DATE **/**/**       MFG ORDER MISCELLANEOUS DETAIL        STATUS     AMC621  **
                            FILE MAINTENANCE

                [1]          [2]        [3]

              RECORDS      RECORDS    RECORDS
              ADDED        CHANGED    DELETED

SESSION
STATUS       *,***,***    *,***,***  *,***,***




                                                     F24 END OF JOB
```

```
   NORTHCREEK IND.    NO. 01              PC&C FILE MAINTENANCE                   DATE  9/19/
**  TIME 17.07.40  PAGE     1  AMC623
                                      MFG ORDER MISCELLANEOUS DETAIL


                                   [1]         [2]        [3]

                                 RECORDS     RECORDS    RECORDS
                                 ADDED       CHANGED    DELETED

                  SESSION
                  STATUS              1           0          0
```

# Manufacturing Order Operation Detail File Maintenance

Display AMC611 appears when you use the Manufacturing Order Operation Detail function from the File Maintenance menu. The Manufacturing Order Operation Detail report prints after you update the Manufacturing Order Operation Detail Master file using file maintenance.

The following numbers should match:

**[1]** Records added for open order operations and manufacturing order operations

**[2]** Records added for additional descriptions

**[3]** Records changed for open order operations and manufacturing order operations

**[4]** Records changed for additional descriptions

**[5]** Records deleted for open order operations and manufacturing order operations

**[6]** Records deleted for additional descriptions.

```
DATE **/**/**       MFG ORDER OPERATION DETAIL           STATUS     AMC611  **
                         FILE MAINTENANCE


                              MFG ORDER          ADDITIONAL
                              OPERATIONS         DESCRIPTIONS

   SESSION STATUS
      RECORDS ADDED    [1]    *,***,***    [2]    *,***,***

      RECORDS CHANGED  [3]    *,***,***    [4]    *,***,***

      RECORDS DELETED  [5]    *,***,***    [6]    *,***,***




                                                          F24 END OF JOB
```

```
   NORTHCREEK IND.   NO. 01             MFG ORDER OPERATION DETAIL               DATE  9/19/
**  TIME 17.06.55  PAGE    1  AMC613
                                         DETAIL FILE MAINTENANCE


                                     MFG ORDER OPERATIONS                            ADDITIONAL DESCRIPTIONS

                                  RECORDS    RECORDS    RECORDS                   RECORDS    RECORDS    RECORD
S
                                  ADDED      CHANGED    DELETED                   ADDED      CHANGED    DELETE
D

                  SESSION          [1]         [2]        [3]                      [4]        [5]        [6]
                  STATUS
```

## Production Facility Maintenance

If EPDM is not activated, display AMVT75 appears when you use the Production Facility function from the File Maintenance menu. The Production Facility Maintenance Control Sheet prints after you update the Production Facility file using file maintenance.

The following numbers should match:

**[1]** Maintenance number and update number

**[2]** Adds entered and facilities added

**[3]** Changes entered and facilities changed

**[4]** Deletes entered and facilities deleted.

```
DATE **/**/**      PRODUCTION FACILITY MAINTENANCE         STATUS    AMVT75   **

                                 SESSION STATISTICS

    [1]      MAINTENANCE NUMBER       10
    [2]      ADDS ENTERED              1
    [3]      CHANGES ENTERED           1
    [4]      DELETES ENTERED           1
                       TOTAL TRANSACTIONS        3





                                                  F24 END OF JOB
```

```
       NORTHCREEK IND.        PRODUCTION FACILITY MAINTENANCE CONTROL SHEET        DATE  9/19/
**  TIME 17.08.26  PAGE    1  AMVT7

                                 [1]  UPDATE# 10


            ------------ TRANSACTION UPDATE STATISTICS ------------

                    [2]            [3]            [4]
                 FACILITIES     FACILITIES     FACILITIES
                   ADDED          CHANGED        DELETED
                     1              1              1
```

# Facility Percent Change Audit Report

If EPDM is not activated, when you make a percent change to a facility using the Production Facility function from the File Maintenance menu, the Facility Percent Change Audit Report is printed.

```
NORTHCREEK IND.              FACILITY PERCENT CHANGE AUDIT REPORT        OPER DAW   DATE **/**/
**  TIME 13.49.47  PAGE 1    AMET8

  NO. OF FACILITIES PROCESSED, PERCENT CHANGE---00013

       PERCENT CHANGE WAS-------CURRENT AND STANDARD
       PERCENT CHANGE WAS FOR---SETUP LABOR RATE
       PERCENT CHANGE WAS FOR--- 50.00  PERCENT

  NO. OF FACILITIES PROCESSED, WCFLG ON---------00000

       NO. OF WCFLG'S WHICH WERE 'C'---00000
       NO. OF WCFLG'S WHICH WERE 'S'---00000
       NO. OF WCFLG'S WHICH WERE 'B'---00000

  NO. OF ITEM MASTERS PROCESSED, PERCENT CHANGE----------00034
```

# Work Schedule Maintenance

Display AMJFB3 appears when you use the Work Schedule function from the File Maintenance menu. The Work Schedule Maintenance Register prints after you update the Work Schedule file using file maintenance.

The following numbers should match:

**[1]** Records added

**[2]** Records changed

**[3]** Records deleted

**[4]** Maintenance number and batch.

```
DATE **/**/**            WORK SCHEDULE MAINTENANCE     STATUS     AMJFB3   **

                                                     WORK
                                                   SCHEDULE
                  SESSION STATUS                     FILE
[1]            RECORDS ADDED                     *******
[2]            RECORDS CHANGED                   *******
[3]            RECORDS DELETED                   *******
[4]            MAINTENANCE NUMBER                    ***



                                                    F24 END OF JOB
```

```
   NORTHCREEK IND.                       WORK SCHEDULE MAINTENANCE REGISTER        DATE  9/19/
**  TIME 17.09.28  PAGE    1  AMJFB

                                                                                [4]  BATCH  24

  SESSION STATISTICS           RECORDS ADDED
        [1]                         0

                               RECORDS CHANGED
        [2]                         3

                               RECORDS DELETED
        [3]                         0
```

# Appendix A. DCT keyboard and transaction tailoring

Figure 12-1 shows the keyboard layout of the IBM 7526-DCT terminal. Figure 12-1 shows which keys are associated with the transaction types and subtypes for the data collection terminal keyboards. You can make keyboard overlays in this pattern, or order them from a vendor.

**Note:** This is only an example of a typical IBM keyboard.

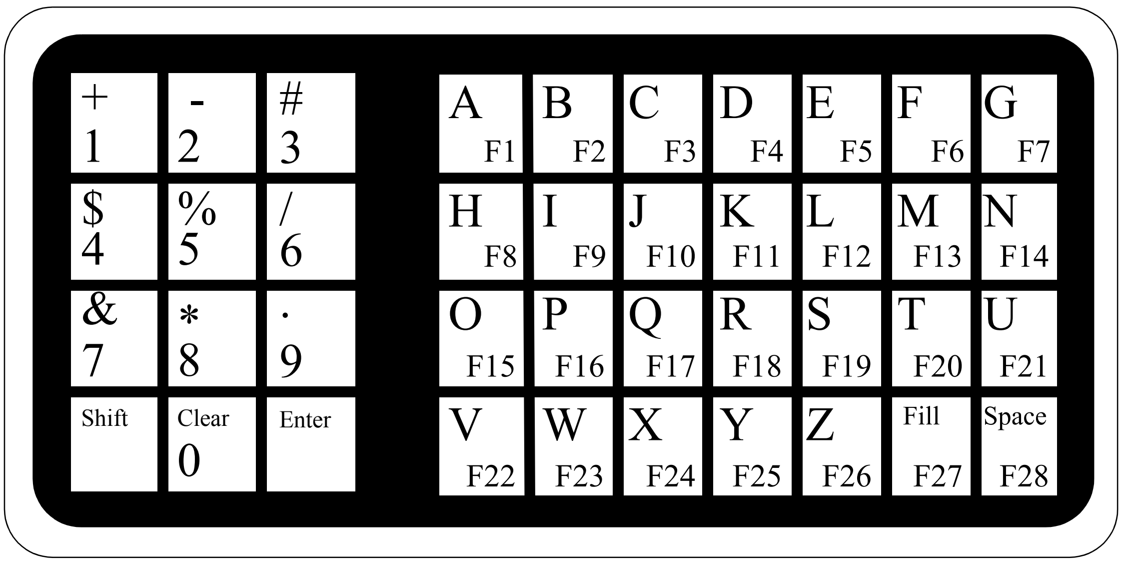



*Figure 12-1. Keyboard layout for an IBM 7526-DCT*

These are the versions of the keyboard template:

- Version A—Discrete Manufacturing (Controlled Warehouse)
- Version B—Stock Room (Controlled Warehouse)
- Version C—Receiving (Controlled and Uncontrolled Warehouse)
- Version D—Fast-Track Time and Attendance
- Version E—Quality Control
- Version F—Repetitive Manufacturing
- Version G—Discrete Manufacturing (Uncontrolled Warehouse)
- Version H—Stock Room (Uncontrolled Warehouse).

| Key | Version | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | **A** | **B** | **C** | **D** | **E** | **F** | **G*** | **H*** |
| A | MV | IP | VR | — | PQ | RP | MV | IP |
| B | MC | IU | RD | — | MQ | CL | MC | IU |
| C | OC | PC | RI | — | CQ | RL | OC | PC |
| D | IP | IS | RP | — | QC | IP | IP | IS |
| E | IU | RM | SP | — | RI | SS | IU | RM |
| F | PC | RC | RI* | — | RM | SC | PC | RC |
| G | RM | TW | RP* | — | — | SM | RM | TW |
| H | RS | IW | VR* | — | — | RO | RS | IW |
| I | SS | RW | — | — | — | RM | SS | RW |
| J | SC | RS | — | — | — | CN | SC | RS |
| K | SM | SS | — | — | — | PS | SM | SS |
| L | — | SC | — | — | — | — | — | SC |
| M | — | SM | — | — | — | — | — | SM |
| N | — | SA | — | — | — | — | — | SA |
| O | — | VR | — | — | — | — | — | VR |
| P | — | PA | — | — | — | — | — | PH |
| Q | — | PH | — | — | — | — | — | SH |
| R | — | SH | — | — | — | — | — | — |
| S | — | — | — | — | — | — | — | — |
| T | — | — | — | — | — | — | — | — |
| U | — | — | — | — | — | — | — | — |
| V | — | — | — | — | — | — | — | — |
| W | CC | — | — | — | CC | CC | CC | — |
| X | ON | — | — | — | ON | ON | ON | — |
| Y | OF | — | — | — | OF | OF | OF | — |
| Z | ER | ER | ER | ER | ER | ER | ER | ER |
| FILL | ZZ | ZZ | ZZ | | ZZ | ZZ | ZZ | ZZ |
| SPACE | TA | TA | TA | TA | TA | TA | TA | TA |

Note: * Means this transaction is for an uncontrolled warehouse.

*Table 12-1. Transaction types for data collection keyboards*

## Tailoring transaction formats

The data collection program should be pretailored to pass the transactions to the system in the format that PM&C expects. If you change the transaction definitions, you should configure them so that the fields are in the correct positions.

The following charts identify the fields that PM&C expects. If the field lengths defined are less than the maximum values shown in this appendix, you should left-adjust alphanumeric fields and right-adjust numeric fields.

Each transaction has a 29-character header and additional fields as shown in the following tables. The field length and whether it is alphanumeric or numeric are shown. The fields follow the header in the order given.

**Note:** A numeric field might appear as a number followed by a comma and another number (for example: 10,3); this indicates that the field is a number with decimal positions. The first number shows the total length of the field, and the second number shows how many decimal places the field contains.

## Header format

All transaction types share a common 29-character header format as follows:

| Field | Length | Type |
|---|---|---|
| Controller ID | 1 | A |
| Loop ID | 1 | A |
| Station ID | 1 | A |
| Transaction date | 6 | N |
| Transaction time | 6 | N |
| Sequence number | 4 | N |
| Badge number | 7 | N |
| Template ID | 1 | A |
| Transaction code | 2 | A |

# Version A—Discrete Manufacturing (Controlled Warehouse)

## CC—Crew Clock

No additional fields.

## ER—Error Transaction

| Field | Length | Type |
|---|---|---|
| Error transaction type | 2 | A |

## IP—Planned Issue

| Field | Length | Type |
|---|---|---|
| Turnaround number—2 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## IU—Unplanned Issue

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Item number | 15 | A |
| User sequence | 4 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## MC—Miscellaneous Charge

| Field | Length | Type |
|---|---|---|
| Turnaround number—4 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |

| Field | Length | Type |
|---|---|---|
| Transaction cost | 13,2 | N |
| Cost sign | 1 | A |

## MV—Move

| Field | Length | Type |
|---|---|---|
| Turnaround number—3 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Completion code | 1 | A |
| 'From' turnaround number | 9 | N |
| Next work area | 5 | A |

## OC—Order Complete

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |

## OF—Job Off

| Field | Length | Type |
|---|---|---|
| Turnaround number—3 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Completion code | 1 | A |
| Scrap quantity | 10,3 | N |
| Scrap quantity sign | 1 | A |
| Scrap reason code | 6 | A |
| Reference number | 10 | A |
| Job type | 1 | A |

## ON—Job On

| Field | Length | Type |
|---|---|---|
| Turnaround number—3 | 9 | N |
| Production facility | 5 | A |
| Job type | 1 | A |

## PC—Pick Complete

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Quantity | 10,3 | N |

| Field | Length | Type |
| --- | --- | --- |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## RM—Manufacturing Order Receipt

| Field | Length | Type |
| --- | --- | --- |
| Turnaround number—1 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Completion code | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## RS—Return to Stock

| Field | Length | Type |
| --- | --- | --- |
| Turnaround number—2 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## SC—Manufacturing Component Scrap

| Field | Length | Type |
| --- | --- | --- |
| Turnaround number—2 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## SM—Manufacturing Order Scrap

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## SS—Scrap from Stock

| Field | Length | Type |
|---|---|---|
| Item Number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## TA—Time and Attendance

No additional fields.

## ZZ—User Defined

| Field | Length | Type |
|---|---|---|
| Turnaround number | 9 | N |
| User-defined field 1 | 15 | A |
| User-defined field 2 | 15 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Subtype | 1 | A |

# Version B—Stock Room (Controlled Warehouse)

## ER—Error Transaction

| Field | Length | Type |
|---|---|---|
| Transaction type | 2 | A |

## IP—Planned Issue

| Field | Length | Type |
|---|---|---|
| Turnaround number—2 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## IS—Miscellaneous Issue

| Field | Length | Type |
|---|---|---|
| Item number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## IU—Unplanned Issue

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Item number | 15 | A |
| User sequence | 4 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |

| Field | Length | Type |
|---|---|---|
| Reference | 10 | A |
| Reason code | 6 | A |

## IW—Interwarehouse Transfer

| Field | Length | Type |
|---|---|---|
| Item number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## PA—Physical Inventory

| Field | Length | Type |
|---|---|---|
| Warehouse | 3 | A |
| Item number | 15 | A |
| Quantity | 10,3 | N |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |

## PC—Pick Complete

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## PH—Physical Inventory

| Field | Length | Type |
|---|---|---|
| Turnaround number—11 | 12 | N |
| Quantity | 10,3 | N |

## RC—Miscellaneous Receipt

| Field | Length | Type |
|---|---|---|
| Item number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## RM—Manufacturing Order Receipt

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Completion code | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## RS—Return to Stock

| Field | Length | Type |
|---|---|---|
| Turnaround number—2 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## RW—Interwarehouse Receipt

| Field | Length | Type |
|---|---|---|
| Item number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## SA—Sales Shipment

| Field | Length | Type |
|---|---|---|
| Order number | 7 | A |
| Item number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## SC—Manufacturing Component Scrap

| Field | Length | Type |
|---|---|---|
| Turnaround number—2 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## SH—Sales Shipment

| Field | Length | Type |
|---|---|---|
| Company number | 7 | A |
| Order number | 2 | N |
| Item number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## SM—Manufacturing Order Scrap

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## SS—Scrap from Stock

| Field | Length | Type |
|---|---|---|
| Item number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## TA—Time and Attendance

No additional fields.

## TW—Interwarehouse Transfer

| Field | Length | Type |
| --- | --- | --- |
| Item number | 15 | A |
| From warehouse | 3 | A |
| From location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| To warehouse | 3 | A |
| To location | 7 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## VR—Vendor Return

| Field | Length | Type |
| --- | --- | --- |
| Turnaround number—6 or 7 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Unit of measure | 2 | A |
| Resupply | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |
| GRN Inv | 1 | A |
| GRN number | 15 | A |

## ZZ—User Defined

| Field | Length | Type |
| --- | --- | --- |
| Turnaround number | 9 | N |
| User-defined field 1 | 15 | A |
| User-defined field 2 | 15 | A |
| Quantity | 10,3 | N |

| Field | Length | Type |
|---|---|---|
| Quantity sign | 1 | A |
| Subtype | 1 | A |

# Version C—Receiving (Controlled and Uncontrolled Warehouse)

## ER—Error Transaction

| Field | Length | Type |
|---|---|---|
| Transaction type | 2 | A |

## RD—Receipt to Dock (Controlled and Uncontrolled Warehouse)

| Field | Length | Type |
|---|---|---|
| Turnaround number—6 or 7 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Unit of measure | 2 | A |
| Reference | 10 | A |
| Reason code | 6 | A |
| GRN Inv | 1 | A |
| GRN number | 15 | A |

## RI—Receipt to Inspection (Controlled Warehouse)

| Field | Length | Type |
|---|---|---|
| Turnaround number—6 or 7 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Unit of measure | 2 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Origin | 3 | A |
| Reference | 10 | A |
| Reason code | 6 | A |
| GRN Inv | 1 | A |
| GRN number | 15 | A |

## RI—Receipt to Inspection (Uncontrolled Warehouse)

| Field | Length | Type |
|---|---|---|
| Turnaround number—6 or 7 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Unit of measure | 2 | A |
| Reserved | 23 | — |
| Origin | 3 | A |
| Reference | 10 | A |
| Reason code | 6 | A |
| GRN Inv | 1 | A |
| GRN number | 15 | A |

GRN and GRN Inv are available when IFM is installed and interfacing.

## RP—Receipt to Stock (Controlled Warehouse)

| Field | Length | Type |
|---|---|---|
| Turnaround number—6 or 7 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Unit of measure | 2 | A |
| Completion code | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Origin | 3 | A |
| Reference | 10 | A |
| Reason code | 6 | A |
| GRN Inv | 1 | A |
| GRN number | 15 | A |

## RP—Receipt to Stock (Uncontrolled Warehouse)

| Field | Length | Type |
|---|---|---|
| Turnaround number—6 or 7 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Unit of measure | 2 | A |
| Completion code | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Reserved | 23 | — |
| Origin | 3 | A |
| Reference | 10 | A |
| Reason code | 6 | A |
| GRN Inv | 1 | A |
| GRN number | 15 | A |

GRN and GRN Inv are available when IFM is installed and interfacing.

## SP—Purchase Order Scrap

| Field | Length | Type |
|---|---|---|
| Turnaround number—6 or 7 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Unit of measure | 2 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## TA—Time and Attendance

No additional fields.

## VR—Vendor Return (Controlled Warehouse)

| Field | Length | Type |
|---|---|---|
| Turnaround number—6 or 7 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Unit of measure | 2 | A |
| Resupply | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |
| GRN Inv | 1 | A |
| GRN number | 15 | A |

## VR—Vendor Return (Uncontrolled Warehouse)

| Field | Length | Type |
|---|---|---|
| Turnaround number—6 or 7 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Unit of measure | 2 | A |
| Resupply | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Location | 7 | A |
| Reserved | 16 | — |
| Reference | 10 | A |
| Reason code | 6 | A |
| GRN Inv | 1 | A |
| GRN number | 15 | A |

GRN number and GRN Inv are available when IFM is installed and interfacing.

## ZZ—User Defined

| Field | Length | Type |
|---|---|---|
| Turnaround number | 9 | N |
| User-defined field 1 | 15 | A |
| User-defined field 2 | 15 | A |
| Quantity | 10,3 | N |

| Field | Length | Type |
|---|---|---|
| Quantity sign | 1 | A |
| Subtype | 1 | A |

# Version D—Fast-Track Time and Attendance

## ER—Error Transaction

| Field | Length | Type |
|---|---|---|
| Transaction type | 2 | A |

## TA—Time and Attendance

No additional fields.

# Version E—Quality Control

## CC—Crew Clock

No additional fields.

## CQ—Approve Cyclic Item

| Field | Length | Type |
|---|---|---|
| Turnaround number—11 or 12 | 12 | N |
| Approved quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Approved warehouse | 3 | A |
| Approved location | 7 | A |
| Approved amount | 9,2[a] | N |
| Amount sign | 1 | A |
| Rejected quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Rejected warehouse | 3 | A |
| Rejected location | 7 | A |
| Scrapped quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

a. The length of this field is 9,2 on a data collection terminal because of hardware constraints, but the length is 15,4 if you are entering from a workstation.

## ER—Error Transaction

| Field | Length | Type |
|---|---|---|
| Error transaction type | 2 | A |

## MQ—Approve M.O.

| Field | Length | Type |
| --- | --- | --- |
| Turnaround number—11 or 12 | 12 | N |
| Approved quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Approved warehouse | 3 | A |
| Approved location | 7 | A |
| Approved amount | 9,2[a] | N |
| Amount sign | 1 | A |
| Rejected quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Rejected warehouse | 3 | A |
| Rejected location | 7 | A |
| Scrapped quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Completion code | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

a. The length of this field is 9,2 on a data collection terminal because of hardware constraints, but the length is 15,4 if you are entering from a workstation.

## OF—Job Off

| Field | Length | Type |
| --- | --- | --- |
| Turnaround number—3 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Completion code | 1 | A |
| Scrap quantity | 10,3 | N |
| Scrap quantity sign | 1 | A |
| Scrap reason code | 6 | A |
| Reference number | 10 | A |
| Job type | 1 | A |

## ON—Job On

| Field | Length | Type |
| --- | --- | --- |
| Turnaround number—3 | 9 | N |
| Production facility | 5 | A |
| Job type | 1 | A |

## PQ—Approve P.O

| Field | Length | Type |
|---|---|---|
| Turnaround number—11 or 12 | 12 | N |
| Approved quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Approved warehouse | 3 | A |
| Approved location | 7 | A |
| Approved amount | 9,2[a] | N |
| Amount sign | 1 | A |
| Rejected quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Vendor returned quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Resupply | 1 | A |
| Completion code | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |
| GRN Inv | 1 | A |
| GRN number | 15 | A |

a. The length of this field is 9,2 on a data collection terminal because of hardware constraints, but the length is 15,4 if you are entering from a workstation.

## QC—Approve/Reject Entire Location Contents

| Field | Length | Type |
|---|---|---|
| Turnaround number—11 or 12 | 12 | N |
| Approval code (1/2) | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## RI—Receipt to Inspection (Controlled Warehouse)

| Field | Length | Type |
|---|---|---|
| Turnaround number—6 or 7 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Unit of measure | 2 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

| Field | Length | Type |
| --- | --- | --- |
| GRN Inv | 1 | A |
| GRN | 15 | A |

## RM—Manufacturing Order Receipt

| Field | Length | Type |
| --- | --- | --- |
| Turnaround number—1 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Completion code | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## TA—Time and Attendance

No additional fields.

## ZZ—User Defined

| Field | Length | Type |
| --- | --- | --- |
| Turnaround number | 9 | N |
| User-defined field 1 | 15 | A |
| User-defined field 2 | 15 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Subtype | 1 | A |

# Version F—Repetitive Manufacturing (Controlled Warehouse)

## CC—Crew Clock

No additional fields.

## ER—Error Transaction

| Field | Length | Type |
|---|---|---|
| Error transaction type | 2 | A |

## CL—Component Transfer to Line

| Field | Length | Type |
|---|---|---|
| Turnaround number—8 | 9 | N |
| Container quantity | 3,0 | N |
| Quantity sign | 1 | A |
| Piece quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Cancel replenishment | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## CN—Component Transfer to Stores

| Field | Length | Type |
|---|---|---|
| Turnaround number—8 | 9 | N |
| Container quantity | 3,0 | N |
| Quantity sign | 1 | A |
| Piece quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Supply location | 7 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## IP—Planned Issue

| Field | Length | Type |
|---|---|---|
| Turnaround number—8 | 9 | N |
| Container quantity | 3,0 | N |
| Quantity sign | 1 | A |
| Piece quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## OF—Job Off

| Field | Length | Type |
|---|---|---|
| Turnaround number—3 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Completion code | 1 | A |
| Scrap quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Scrap reason code | 6 | A |
| Reference number | 10 | A |
| Job type | 1 | A |

## ON—Job On

| Field | Length | Type |
|---|---|---|
| Turnaround number—3 | 9 | N |
| Production facility | 5 | A |
| Job type | 1 | A |

## PS—Production Status

| Field | Length | Type |
|---|---|---|
| Warehouse | 3 | A |
| Production line | 5 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Line status | 1 | A |
| Time code | 4 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## RL—Replenishment

| Field | Length | Type |
|---|---|---|
| Turnaround number—8 | 9 | N |
| Container quantity | 3,0 | N |
| Quantity sign | 1 | A |
| Piece quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Priority code | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## RM—Schedule Receipt

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Container quantity | 3,0 | N |
| Quantity sign | 1 | A |
| Piece quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Last transaction | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## RX—Scheduled Receipt - Post to Oldest

| Field | Length | Type |
|---|---|---|
| Container quantity | 3,0 | N |
| Quantity sign | 1 | A |
| Piece quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Last transaction | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |
| Revision support | 1 | A |
| Item revision | 6 | A |
| Production line | 5 | A |
| Finished item | 15 | A |
| Finished item warehouse | 3 | A |
| S-number | 20 | A |
| Receipt location | 7 | A |

## RO—Operation Reporting

| Field | Length | Type |
|---|---|---|
| Turnaround number—3 | 9 | N |
| Container quantity | 3,0 | N |
| Quantity sign | 1 | A |
| Piece quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## RY—Operation Reporting - Post to Oldest

| Field | Length | Type |
|---|---|---|
| Container quantity | 3,0 | N |
| Quantity sign | 1 | A |
| Piece quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |
| Revision support | 1 | A |
| Item revision | 6 | A |
| Production line | 5 | A |
| Finished item | 15 | A |
| Finished item warehouse | 3 | A |
| S-number | 20 | A |
| Operation sequence number | 4 | A |

## RP—Receipt to Stock

| Field | Length | Type |
|---|---|---|
| Turnaround number—6 or 7 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Unit of measure | 2 | A |
| Completion code | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

| Field | Length | Type |
|---|---|---|
| GRN Inv | 1 | A |
| GRN number | 15 | A |

## SC—Manufacturing Component Scrap

| Field | Length | Type |
|---|---|---|
| Turnaround number—8 | 9 | N |
| Container quantity | 3,0 | N |
| Quantity sign | 1 | A |
| Piece quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## SM—Manufacturing Order Scrap

| Field | Length | Type |
|---|---|---|
| Turnaround number—3 | 9 | N |
| Container quantity | 3,0 | N |
| Quantity sign | 1 | A |
| Piece quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## SS—Scrap from Stock

| Field | Length | Type |
|---|---|---|
| Item Number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Location | 7 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Reference | 10 | A |
| Reason code | 6 | A |

## SX—Scheduled Receipt Scrap - Post to Oldest

| Field | Length | Type |
|---|---|---|
| Container quantity | 3,0 | N |
| Quantity sign | 1 | A |
| Piece quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Batch lot | 10 | A |
| FIFO date | 6 | N |
| Last transaction | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |
| Revision support | 1 | A |
| Item revision | 6 | A |
| Production line | 5 | A |
| Finished item | 15 | A |
| Finished item warehouse | 3 | A |
| S-number | 20 | A |
| Receipt location | 7 | A |
| Operation sequence number | 4 | A |

## TA—Time and Attendance

No additional fields.

## ZZ—User Defined

| Field | Length | Type |
|---|---|---|
| Turnaround number | 9 | N |
| User-defined field 1 | 15 | A |
| User-defined field 2 | 15 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Subtype | 1 | A |

# Version G—Discrete Manufacturing (Uncontrolled Warehouse)

## CC—Crew Clock

No additional fields.

## ER—Error Transaction

| Field | Length | Type |
|---|---|---|
| Error transaction type | 2 | A |

## IP—Planned Issue

| Field | Length | Type |
|---|---|---|
| Turnaround number—2 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## IU—Unplanned Issue

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Item number | 15 | A |
| User sequence | 4 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## MC—Miscellaneous Charge

| Field | Length | Type |
|---|---|---|
| Turnaround number—4 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Transaction cost | 13,2 | N |
| Cost sign | 1 | A |

## MV—Move

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 or 3 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Completion code | 1 | A |
| 'From' turnaround number | 9 | N |
| Next work area | 5 | A |

## OC—Order Complete

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |

## OF—Job Off

| Field | Length | Type |
|---|---|---|
| Turnaround number—3 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Completion code | 1 | A |
| Scrap quantity | 10,3 | N |
| Scrap quantity sign | 1 | A |
| Scrap reason code | 6 | A |
| Reference number | 10 | A |
| Job type | 1 | A |

## ON—Job On

| Field | Length | Type |
|---|---|---|
| Turnaround number—3 | 9 | N |
| Production facility | 5 | A |
| Job type | 1 | A |

## PC—Pick Complete

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## RM—Manufacturing Order Receipt

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Completion code | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## RS—Return to Stock

| Field | Length | Type |
|---|---|---|
| Turnaround number—2 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## SC—Manufacturing Component Scrap

| Field | Length | Type |
|---|---|---|
| Turnaround number—2 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## SM—Manufacturing Order Scrap

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## SS—Scrap from Stock

| Field | Length | Type |
|---|---|---|
| Item Number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## TA—Time and Attendance

No additional fields.

## ZZ—User Defined

| Field | Length | Type |
|---|---|---|
| Turnaround number | 9 | N |
| User-defined field 1 | 15 | A |
| User-defined field 2 | 15 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Subtype | 1 | A |

# Version H—Stock Room (Uncontrolled Warehouse)

## ER—Error Transaction

| Field | Length | Type |
|---|---|---|
| Transaction type | 2 | A |

## IP—Planned Issue

| Field | Length | Type |
|---|---|---|
| Turnaround number—2 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## IS—Miscellaneous Issue

| Field | Length | Type |
|---|---|---|
| Item number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## IU—Unplanned Issue

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Item number | 15 | A |
| User sequence | 4 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## IW—Interwarehouse Transfer

| Field | Length | Type |
|---|---|---|
| Item number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## PC—Pick Complete

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## PH—Physical Inventory

| Field | Length | Type |
|---|---|---|
| Warehouse | 3 | A |
| Item number | 15 | A |
| Quantity | 10,3 | N |

## RC—Miscellaneous Receipt

| Field | Length | Type |
|---|---|---|
| Item number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## RM—Manufacturing Order Receipt

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Completion code | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## RS—Return to Stock

| Field | Length | Type |
|---|---|---|
| Turnaround number—2 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## RW—Interwarehouse Receipt

| Field | Length | Type |
|---|---|---|
| Item number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## SA—Sales Shipment

| Field | Length | Type |
|---|---|---|
| Order number | 7 | A |
| Item number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |

| Field | Length | Type |
|---|---|---|
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## SC—Manufacturing Component Scrap

| Field | Length | Type |
|---|---|---|
| Turnaround number—2 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## SH—Sales Shipment

| Field | Length | Type |
|---|---|---|
| Company number | 7 | A |
| Order number | 2 | N |
| Item number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## SM—Manufacturing Order Scrap

| Field | Length | Type |
|---|---|---|
| Turnaround number—1 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## SS—Scrap from Stock

| Field | Length | Type |
|---|---|---|
| Item number | 15 | A |
| Warehouse | 3 | A |
| Quantity | 10,3 | N |

| Field | Length | Type |
|---|---|---|
| Quantity sign | 1 | A |
| Reserved | 23 | — |
| Reference | 10 | A |
| Reason code | 6 | A |

## TA—Time and Attendance

No additional fields.

## TW—Interwarehouse Transfer

| Field | Length | Type |
|---|---|---|
| Item number | 15 | A |
| From warehouse | 3 | A |
| Reserved | 23 | — |
| To warehouse | 3 | A |
| Reserved | 7 | — |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Reference | 10 | A |
| Reason code | 6 | A |

## VR—Vendor Return

| Field | Length | Type |
|---|---|---|
| Turnaround number—6 or 7 | 9 | N |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Unit of measure | 2 | A |
| Resupply | 1 | A |
| Transaction amount | 15,4 | N |
| Amount sign | 1 | A |
| Location | 7 | A |
| Reserved | 16 | — |
| Reference | 10 | A |
| Reason code | 6 | A |
| GRN Inv | 1 | A |
| GRN number | 15 | A |

## ZZ—User Defined

| Field | Length | Type |
|---|---|---|
| Turnaround number | 9 | N |
| User-defined field 1 | 15 | A |
| User-defined field 2 | 15 | A |
| Quantity | 10,3 | N |
| Quantity sign | 1 | A |
| Subtype | 1 | A |

# Appendix B. Security areas

The options on the CAS Security Maintenance menu (AMZM38) allow you to protect application tasks from unauthorized users. You can define security areas and then define specific tasks associated with each area.

Security areas protect access to a group of menu options. The following table shows the application security areas and their associated menu options and task IDs. To print a report of all application areas, see the description of the Generate reports option in the Security Maintenance chapter of the *CAS User's Guide*.

Order Status Reports processed from the AMJM20 menu, option 4, may be secured at the menu/option level. Additional security restricts use of the accounting and production information options for this report.

Production Facility Maintenance processed from the AMJM50 menu, option 5, may be secured at the menu/option level.

Each transaction type supported by PM&C may be locked individually. However, the OC (Order complete), OF (Job off), ON (Job on), MC (Miscellaneous charge), and MV (Move) transactions can not be secured individually when used through PM&C's menus. You must use the menu option security in PM&C to control the use of these transactions.

| Security area | Menu/option | Description | Task ID |
|---|---|---|---|
| General Inquiries | AMJM10/1 | Department Status | AMJM1001 |
| | AMJM10/2 | Production Facility Status | AMJM1002 |
| | AMJM10/3 | Production Facility | AMJM1003 |
| | AMJM10/4 | Production Order Status | AMJM1004 |
| | AMJM10/5 | Employee Activity | AMJM1005 |
| | AMJM10/6 | Employee Information | AMJM1006 |
| Reports | AMJM20/1 | Work List Generation | AMJM2001 |
| | AMJM20/2 | Shop Packets - Multiple Orders | AMJM2002 |
| | AMJM20/3 | Shop Packets - Individual Orders | AMJM2003 |
| Maintain Transactions | AMJM00/11 | Data Collection - Non-displayed Option | AMJM0011 (Subtask *NONDSP) |
| | AMJM30/1 | Maintain Transactions | AMJM3001 |
| Transaction Processing | AMJM30/2 | Select and Edit Transactions | AMJM3002 |
| | AMJM30/3 | Prepare Transactions | AMJM3003 |
| | AMJM30/4 | Control Collection Auditing | AMJM3004 |
| | AMJM30/5 | Print Transaction Registers | AMJM3005 |
| Administration | AMJM20/5 | Employee Status / Activity Report | AMJM2005 |
| | AMJM40/1 | Absence Entry and Approval | AMJM4001 |
| | AMJM40/2 | Employee Absence List | AMJM4002 |
| | AMJM40/3 | Print Employee Badges | AMJM4003 |
| | AMJM40/4 | Assign Temporary Badges | AMJM4004 |
| | AMJM40/5 | Temporary Badge List | AMJM4005 |
| | AMJM40/6 | Create Data Collection User Profile [a] | AMJM4006 |
| | AMJM70/1 | Print/Purge Contents of Transaction Log | AMJM7001 |
| | AMJM70/2 | Select Transaction Log Mode | AMJM7002 |
| | AMJM70/3 | Select Trace Mode | AMJM7003 |
| | AMJM70/4 | Print Transaction Definition Report by Trans ID | AMJM7004 |
| | AMJM70/5 | Print Transaction Definition Report by Format Name | AMJM7005 |
| | AMJM70/6 | Maintain ICF Device Entries and Remote Destinations | AMJM7006 |
| | AMJM70/7 | Maintain Remote User Profiles | AMJM7007 |
| File Maintenance | AMJM50/1 | Mfg Order Master | AMJM5001 |
| | AMJM50/2 | Mfg Order Operation Detail | AMJM5002 |
| | AMJM50/3 | Mfg Order Miscellaneous Detail | AMJM5003 |
| | AMJM50/4 | Mfg Order Detail | AMJM5004 |
| | AMJM50/5 | Production Facility | AMJM5005 |
| | AMJM50/6 | Employee Master | AMJM5006 |

| Security area | Menu/option | Description | Task ID |
|---|---|---|---|
| File Listing | AMJM60/1 | Production Facility | AMJM6001 |
| | AMJM60/2 | Employee | AMJM6002 |
| | AMJM60/3 | Work Schedule | AMJM6003 |
| Production Status | AMJM20/4 | Order Status Reports | AMJM2004 |
| | AMJM20/6 | Purchasing Receiving Tickets | AMJM2006 |
| Work Schedule File Maintenance | AMJM50/7 | Work Schedule | AMJM5007 |
| Control File Maintenance | AMJM50/8 | Control File | AMJM5008 |

a. You must be signed on using the QSECOFR user profile.

# Appendix C. Automated job submission for PM&C

XA provides the ability to execute XA batch jobs from outside of the XA menu structure for Production Monitoring and Control (PM&C) application tasks listed below:

| Task | Menu and Option | Command |
| --- | --- | --- |
| PM&C Transaction Register | AMJM30-05 | PRTPMCTXR |

You can initiate application tasks in a batch subsystem from sources other than the XA menu system. In order to provide the most flexibility, the Cross Application Support (CAS) portion of this activity should be done using a series of Application Program Interfaces (APIs). These CAS APIs then can be used by the applications to provide a programmer's interface to each batch job.You cannot execute these APIs on the System i command line; they must be called by a batch or interactive program.

Refer to the *CAS Technical Reference Guide* for more information on the APIs and for a list of all the application tasks available.

## Command guidelines

This section assists you in creating the name for an XA command. XA command names are patterned after the System i Control Language Standard. This provides an action-object naming structure. Command names are usually composed of a series of three-character abbreviations. The maximum length for a command name is ten characters.

It is acceptable to use the XA application abbreviation in a command name even though some applications have two- or four-character abbreviations. Using the application abbreviation may be necessary to distinguish between printing a REP or COM pick list, for example.

The following lists are only examples of the abbreviations you might choose to use. You can define your own abbreviations for your company.

Action abbreviations:

**ADD** Add
**CHG** Change
**CLR** Clear
**CRT** Create
**DLT** Delete
**DSP** Display
**MNT** Maintain
**OLM** Offline Maintenance
**PRT** Print
**SBM** Submit
**WRK** Work with

Object abbreviations:

**CLN** Component/Line Definition
**HRZ** Horizon
**ILN** Item/Line Definition
**ITM** Item
**LOC** Location
**OPT** Option
**PKL** Pick List
**PLN** Plan or Planning
**PRL** P.O. Auto Release
**PST** Product Structure
**REL** Release
**RTG** Routing
**TGL** Temporary General Ledger
**TXR** Transaction Register
**USR** User
**WHS** Warehouse

## Application APIs

The application APIs are shipped in the form of System i commands. The application command may be named PRTxxxyyy, where xxxyyy is unique to each job. For example, the Print PMC Transaction Register may be named PRTPMCTXR.

After being automated, the PRTPMCTXR could be used from a menu

```
PRTPMCTXR  PROMPT(*YES)
```

The command also can be used as part of an System i job, using a user-written CL program similar to this example illustrating the PRTPMCTXR command. The STRXAENV and ENDXAENV commands are required.

```
PGM
STRXAENV ENDS (NN)
SBMMRPPLN PROMPT(*NO) ENDS(NN)
ENDXAENV
ENDPGM
```

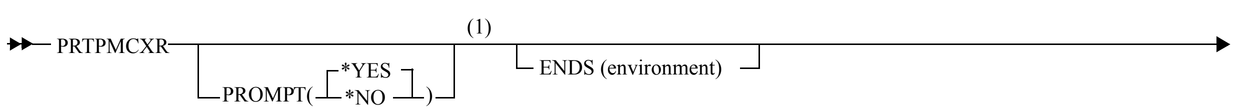
If the application task being automated supports interactive prompts, the command would support a prompt parameter in addition to the application parameters required to run the job. The purpose of the prompt parameter is to instruct the application to display the prompt screens or to use the parameter values associated with the command. The prompt parameter has values of *YES and *NO. If the prompt parameter is *YES, the application parameters cannot be specified on the command.

Each application command supports a parameter to designate the XA execution environment. The environment designator is used to validate that the function is being executed in the proper XA environment. Requiring this parameter serves as a precautionary measure to prevent functions from being inadvertently executed against the wrong environment. The environment designator will only be required and validated when the application command is executed with a PROMPT value of *NO.

# PRTPMCTXR - Print PM&C Transaction Register

```
                    Print PMC Transaction Register (PRTPMCTXR)

Type choices, press Enter.

Prompt at run-time . . . . . . . . > *NO_            *YES, *NO
XA environment  . . . . . .   __             Character value











                                                                Bottom
 F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
 F24=More keys
```

**Pgm: B,I**




***Note:**
[1] All parameters following this point cannot be specified unless PROMPT (*NO) is specified.

## Purpose

The Print PM&C Transaction Register (PRTPMCTXR) command is used to print the Inventory Transaction Register (AMV3G) for IM transactions and print the Repetitive Production Management Transaction Registers (AMQ361 and AMQ362) for REP transactions.

**Note:** You cannot back up your system before you have printed the REP register, and you must stop or hold the unattached jobs before using this command.

## Optional parameters

**PROMPT** Specifies whether the function should prompt for the application values at run-time.

*YES: Application should prompt user for run-time values.

*NO: Application should use run-time values supplied by command.

**ENDS** Specify the XA environment designators to be validated when executing the command. If the environment designator specified here does not match the environment designator associated with the current System i job, this function will not execute. This will stop functions from inadvertently being executed against the wrong XA environment.

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# Appendix D. User-defined transaction types

This appendix describes how you can incorporate user-written programs into PM&C to support user-defined transactions or functions. You can enhance the system without modifying XA PM&C code.

Some uses of this function are:

- Define new transactions: Since user-defined transactions are shown by PM&C transaction entry, you can define a single transaction entry point without changing from one application to another.
- Define transactions similar to existing ones: If a transaction does not perform the way that you want, you can define a new transaction.
- Define new transactions: A record can be used to perform file maintenance instead of transaction processing or a record can be the trigger for an action (for example, printing a report).

## Transaction Description file

The Transaction Description (TRNDSC) file creates a list of valid transaction types for you to select from when performing transaction entry. All transactions supported by PM&C have a record in this file. If an application is installed and interfacing with PM&C, that application's transactions are shown on the PM&C transaction entry display.

To define a transaction, you must add it to TRNDSC with the @ character in the APCOD field. The name of the user-written program is placed in the PGPGM field. To have PM&C support for the transaction, the APPDJ field must not be blank and the program name must be placed in the PGPGM field. This program is called when the associated transaction is encountered. All PM&C programs calling the user program monitor for errors during the call. If an error is encountered, an error message appears, if possible.

The APPDJ, APPDI, and APPD@ fields are owned by the interfacing application. The value and meaning of these fields are the responsibility of the owning application. (See the table below.)

| Field | App | Value | Meaning |
|---|---|---|---|
| APPDJ | PM&C | 1 | Supported in PM&C. In PM&C this field is used only to determine if the transaction is supported. |
| | | 2 | Supported in PM&C collection only. (Crew Clock transactions) |
| APPDI | IM | 1 | Valid for transaction selection. |
| | | 2 | Supported in IM history, but not on transaction selection. |
| APPD @ | User | ? | User defined. This field is not used by any XA program. The content and meaning are determined by the user. |

A single parameter is passed to the user program. This parameter is 1024 bytes long and contains data from the LDA. Data relevant to the function performed is also loaded into or read from this parameter by the calling program.

The user program can be called from several places in PM&C. The topics below describe how the user program can be incorporated into the existing function and what is expected of the user program.

## Employee activity inquiry and report

This program retrieves the transaction and formats the most meaningful data into the 46-byte array being passed back to the PM&C program. The array is shown/printed.

## Transaction collection

The transaction is considered an error transaction when received from a DCT, as long as the field APPDJ in the TRNDSC file contains 1 or 2. It is still written to ZZUSER2. The user program is called and the entire 128 bytes of data received from the DCT is passed to the program. Because the records written to ZZUSER2 are normally buffered, if the user program needs to retrieve the record from ZZUSER2, you need to change the file to use a force write ratio of 1.

Position 27 of the record is the template ID or version. This can be any character except A through H, which are reserved by XA. By using another template ID, you can define transaction types already defined by XA. For example, you might want to define an IP transaction. This defined transaction might be an edit program, or perform file updates, or some other function for which this transaction will be the trigger.

Transactions can be placed in TRDATA by the user program. PM&C will not write any user-defined transactions into TRDATA. If the transaction is written to TRDATA, it is your responsibility to maintain correctly the control fields used by PM&C. The fields are: ACREC, ACRECP, APCOD, TSTAT, TDATE, TTIME, and WSTMT. The APCOD field must contain the @ character for the transaction to be recognized as a user-defined transaction. ACRECP is copied to ACRECS during the XA backup, as any other transaction.

## Transaction maintenance

If a user-defined transaction is selected for maintenance, the WSTMT field is tested. If this field is blank, the user program is called and the transaction number of the record selected is sent to the user program. The program then recovers the record from TRDATA, and displays the maintenance panel.

If one of the transaction formats is selected for entry, the user program is called, the format selected, and the next available transaction number is sent to the user program. After the transaction is entered, data from the transaction can be passed back for review on the display.

## Unattached jobs

IM unattached jobs read the TRDATA record if 1 appears in the QUEUE field. The record is locked by placing UC in the WSTMT field. After it is determined to be a user-defined transaction (supported by PM&C), the unattached job calls the user program to process the transaction. The transaction number is then passed to the user program, so that the record can be retrieved from TRDATA. When control is passed back to unattached jobs WSTMT is cleared and the QUEUE field is changed to 0.

To prevent both IM and PM&C unattached jobs from processing the same transaction, only the IM unattached job has access to user-defined transactions. If the IM and REP applications are not installed or interfacing with PM&C, the IM unattached job is not started. The updates for these user-defined transactions are handled without unattached job support.

## Select and edit

When a user-defined transaction is read from TRDATA, a user program is called. The program should perform an edit and return a list of XA error message numbers so the errors can be listed on the edit list. See the list of calling programs below for more information. All data fields from the TRDATA record are printed.

## Prepare function

The prepare function does not use the user-defined program in TRNDSC. However, a call is made to a user-written program (AMJPZZ) during this process. The program is called after the prepare program (AMJCQ) is completed, if there are any ZZ records or user-defined transactions prepared. The prepared transactions have the TSTAT field in TRDATA set to 5. All ZZ transactions prepared are written in the ZZUSER file. This file is cleared each time the prepare is processed.

## Register function

The register function does not support user-defined transactions. If a register is required, you must provide this function.

## Backup

The backup program deletes all records in TRDATA with TSTAT equal to 5, including user-defined transactions.

## Recovery

During recovery, when a user-defined transaction is read, the associated user program is called and the transaction number is passed to it.

## Design of user program

The program must be able to accept the parameter being passed to it, and to check positions 1-10 of the parameter for the name of the calling program. Based on which PM&C program is the calling program, the program calls one of a set of programs to complete the function being performed. If necessary communication of an error is sent back to the calling program by using the predefined field (MSGNO) in the LDA. For information about transaction edit errors, see AMJCL below.

If the MSGNO field in the LDA is not zero, this is the signal that the user program found an error. If possible, the error appears, and the message number is MSGNO would be used to retrieve the message text. The number is assumed to be an XA message number.

Following is a list of the data placed in the parameter being passed to the user program and the location of that data.

When called by AMJAB - Employee Activity Inquiry:

| **Data** | **Positions** |
|---|---|
| Name of calling program | 1 - 10 |
| TRDATA transaction # (TRNNO) | 701 - 707 |
| Transaction data to be displayed | 801 - 846 * |

When called by AMJBL- Employee Status/Activity Report:

| **Data** | **Positions** |
|---|---|
| Name of calling program | 1 - 10 |
| TRDATA transaction # (TRNNO) | 701 - 707 |
| Transaction data to be printed | 801 - 846 * |

When called by AMJCA-Transaction Collection:

| **Data** | **Positions** |
|---|---|
| Name of calling program | 1 - 10 |
| Next available transaction # | 701 - 707 |
| Transaction data as input | 801 - 928 |

When called by AMJCD- Transaction Maintenance, Transaction Change:

| **Data** | **Positions** |
|---|---|
| Name of calling program | 1 - 10 |
| TRDATA transaction # | 701 - 707 |
| ’C’ | 801 - 801 |
| Session total for changed transactions | 857 - 863 |

When called by AMJCD- Transaction Maintenance, Transaction Add:

| Data | Positions |
|---|---|
| Name of calling program | 1 - 10 |
| TRDATA transaction # | 701 - 707 |
| 'A' | 801 - 801 |
| Transaction format | 802 - 803 |
| Transaction data to be displayed | 804 - 849 * |
| Session total for added transactions | 850 - 856 |

* = Loaded by the user program

When called by AMJCF - IM/REP Unattached Job:

| Data | Positions |
|---|---|
| Name of calling program | 1 - 10 |
| TRDATA transaction # (TRNNO) | 701 - 707 |

When called by AMJCL-Edit List:

| Data | Positions |
|---|---|
| Name of calling program | 1 - 10 |
| TRDATA transaction # (TRNNO) | 701 - 707 |
| Messages array 5 elements (4.0) | 801 - 820 |
| Number of messages | 821 - 821 |

When called by AMJZR - PM&C Master File Restore Program:

| Data | Positions |
|---|---|
| Name of calling program | 1 - 10 |
| TRDATA transaction # (TRNNO) | 701 - 707 |

# Glossary

This glossary defines terms that are important for this application. It does not include all XA terms nor all terms established for your system. If you do not find the term you are looking for, refer to the index in this book, or to glossaries in other XA publications.

**acquisition sequence number.** A sequential number assigned by the data collection controller to each transaction as it is received from the shop floor terminal. This number is used to audit for missing transactions.

**additional hours.** The number of regular hours that exceed the length of a shift. For example, an employee who reports ten hours of regular time also shows two additional hours worked when the shift length is eight hours.

**additional operation.** An operation not required by the standard routing but inserted, often due to rework.

**additional operation description.** See “routing operation description.”

**additional routing operation description.** See “routing operation description.”

**adjusted elapsed time.** The difference between time off and time on for a labor record, allowing for a shift start, lunch start, lunch stop, and shift stop times.

**adjustment.** (1) A transaction that changes a specific balance in a master file, such as the quantity on hand of an inventory item. (2) In MPSP, the shipment of production quantities among periods in an item trial plan to achieve level production or build held inventory against later demand. (3) In payroll applications, an amount added to gross or net pay.

**allocate.** To assign a resource for use in performing a specific task. Contrast with de-allocate.

**allocation.** (1) The process of offsetting transaction allocation balances (typically cash and credit notes) against transaction settlement balances (typically invoices) (2) The reserving of available inventory for a requirement. See “discrete allocation.”

**alphabetic.** Pertaining to the letters A through Z.

**alpha factor.** A statistical constant that is used in an exponential smoothing weighted averaging approach. It determines how much weight should be given to current demand in relation to past demand.

**alphanumeric.** Pertaining to a character set that contains letters, numbers, and usually other characters, such as punctuation marks and mathetmatical symbols. Synonymous with alphameric.

**alternate routing.** An alternate method or sequence of producing an item. The alternate is generally used because of a machine breakdown or an overload on the machines or production facilities specified in the primary (normal) routing.

**alternate sequence.** See “user sequence.”

**alternate production facility.** A production facility that can be used in case of breakdowns or overloads in the primary (normal) production facility.

**application.** (1) The use to which an information processing system is put; for example, a payroll application, an airline reservation application, a network application, keeping track of a company's inventory. (2) A program that performs a particular data processing task; for example, one that provides an inventory report or payroll checks.

**application program.** A program that performs a particular data processing task; for example, one that produces an inventory report or payroll checks.

**application tailoring.** The process of selecting, using a questionnaire, the application options that satisfy the specific needs of a company.

**assemble to order.** A type of product that is assembled from a menu of standard options and variants to meet a customer specification for an end product.

**assemble to stock.** A type of product combining multiple components into a finished product that is placed on the shelf in anticipation of a customer order.

**assembly.** The combination of two or more items to make a new item.

**attendance reporting.** A procedure for recording the time of arrival and departure for employees.

**available.** The net quantity not yet committed to a production schedule. (Onhand + on-order - allocated)

**average actual.** A computer maintained weighted average often used as a basis as a standard for comparison.

**backward scheduling.** The technique of beginning with an order due date and offsetting by operation and setup times (modified by efficiency factor) to determine the last operation's similar manner, taking into account the wait or queue time at subsequent operations. This is continued until the first operation is scheduled. Contrast with "forward scheduling."

**badge.** A plastic identification card containing barcode or magnetic information.

**badge entry.** The process of recording data by inserting a badge into an entry station.

**balance hours.** A record field that contains the total clock hours to be used to balance against the total job hours for an employee.

**batch/lot number.** The number used to identify a batch or lot of an item. Each item can have multiple batches or lots.

**batch update.** The process of updating master files using a group of transactions that are being held in a transaction file. Contrast with "immediate update."

**bill of material.** A list of raw materials or components and the quantities needed to make an item, assembly, or end product.

**blanket order.** A purchase order that calls for an amount of goods to be delivered over a specified length of time in predefined quantities and at specified release dates.

**bottleneck.** A facility, function, or department that impedes production; for example, a machine or production facility where jobs arrive faster than they leave.

**break code.** A code used to define if breaks are to be taken (blank = no break taken) and if the break is paid (P) or non-paid (N).

**break time.** The start and end time for paid or unpaid breaks. Break times are extracted from job and indirect labor records.

**bulk stock.** Items or materials that are not issued directly to a job. They may or may not be floor stock, and can be costed against a job. They appear in the bill of material. See “floor stock.”

**cancel.** To end the current job before it is completed.

**capacity.** A measure of the ability to absorb orders released to the shop floor.

**capacity planning.** The procedure of adjusting manpower assignments and planning production facility machine capacities to meet the master production schedule. Over an extended period, it may be possible to add machines or manpower.

**character.** A digit, letter, or other symbol that is used as part of the organization, control, or representation of data.

**character set.** A group of characters used for a specific purpose; for example, the set of characters a printer can print.

**common bill.** A bill of material for a basic product, stripped of any options. The components in the bill do not depend on which options are added.

**common part.** A component that is used on multiple master-level items.

**component.** An item used to make a higher-level item.

**component inventory.** All inventory, not on the shop floor, maintained to support the production of finished products.

**concurrent processing.** A method of processing in which two or more jobs appear to be processing at the same time. The instructions of each job are processed one at a time, but alternate in such a fashion as to make the most efficient use of the system.

**configuration.** The group of machines, devices, and programs that make up a data processing system.

**controller.** A PC controlling shop floor data entry terminals.

**conversion plan.** The logistics plan covering the last few weeks and days of the old system and the early portion of the new system.

**creating shop paper.** The creation of documents needed for the shop packet.

**crew.** The grouping of two or more direct workers performing part of the same operation into a single unit for ease of data collection reporting.

**crew clocking.** The process used by members of a crew or work group to report the start or end of an activity. The foreman (crew chief) enters information identifying the activity, and the crew members use their badges to enter the time and their employee number.

**critical item.** In material requirements planning, an item that has a longer than normal lead time, or an item whose scarcity may limit production. See also “lead time.”

**critical ratio.** The time available divided by the normal time required to accomplish the work remaining to be done (the sum of standard run, setup, and planned inter-operation time). The smaller the ratio the more critical the job. It can be used to establish work priorities within a production facility.

**critical production facility.** (1) A production facility that is working close to its capacity. (2) A production facility where a bottleneck (overload) occurs. (3) A production facility that processes the work of an important part of the plant or product line. (4) A production facility where a breakdown would be critical. (5) A production facility that uses a machine with unique characteristics for which an alternate is not available.

**current operation yield.** A percentage that represents today’s or the near-term future expected amount of the parent item that remains in the production process at the end of an operation compared to the amount available at the start of the operation. This percentage is used for current costing, scheduling, and materials requirements.

**current standard cost.** Estimated current cost derived from engineering standards (material and labor) in association with current labor and overhead rates.

**cutoff inventory.** Usable pieces of material that remain after gateway operations such as shearing and sawing are performed.

**daily capacity.** A quantity of work, measured in hours, that a production facility can perform in a 24-hour day, including adjustments for unproductive work breaks such as personal time and for production facility efficiency.

**data.** A representation of facts, concepts, or instructions in a formalized manner suitable for communication, interpretation, or processing by human or automatic means.

**data base.** A collection of stored data.

**data collection.** The process of recording shop floor transactions, usually through specially designed terminals for use by production workers.

**data collection terminal (DCT).** A specialized data entry terminal that allows entry of information using either its keyboard, a bar code reader, or a magnetic stripe reader. Each terminal includes a keyboard, a microprocessor, random-access memory, an LCD display, and input ports for additional data entry devices. A data collection terminal is controlled by a program that runs on its microprocessor.

**data file.** A collection of related data records organized in a specific manner. For example, a payroll file (one record for each employee, showing rate of pay, and so on) or an inventory file (one record for each inventory item showing the cost, selling price, number in stock, and so on).

**day length.** The number of working hours in a day. See “shift length.”

**deallocate.** To release a resource that is assigned to a specific task. Contrast with “allocate.”

**default.** An alternative attribute, option, or value that is assumed when none has been specified.

**delete.** To remove a unit of data such as a character, field, file, or record.

**dependent transaction.** An entry that depends on the creation of a preceding transaction; for example, a receipt is dependent upon a purchase order entry transaction.

**description.** The details required to identify a given item or commodity.

**direct labor actions.** Labor actions that report the start or end of an operation for a manufacturing or purchase order. These actions include the status of the operation, quantity produced, and quantity scrapped.

**direct labor cost.** Employee earnings that are directly applicable to a job order or process.

**direct labor cost variance.** The difference between the standard direct labor cost and the actual direct labor cost.

**discrete allocation.** The ability to selectively allocate items to manufacturing or customer orders. Items are allocated by specific batch/lot, location, and/or FIFO date. See allocation.

**discretionary allocation.** See “discrete allocation.”

**dispatching.** Assigning work to a specific production facility and scheduling the work within the production facility.

**dispatch list.** The work to be scheduled within a production facility. It is usually sorted into a priority sequence based on the order’s due date.

**display.** (1) A visual presentation of data. (2) To present an image on the work station display. (3) The part of a work station on which data, messages, or other information appears.

**display station.** See “work station.”

**due date.** (1) The date on which, according to the terms and the date of the invoice, payment must be made.(2) The date by which the work on a shop order is to be completed or a purchase order is to be received.

**edit.** To verify the form or format of data; for example, to test a data field such as customer number.

**effective date.** The date an engineer change is designated to become effective.

**efficiency.** The ratio of standard to actual hours of work performed in a production facility; for example, 98 standard hours divided by 90 actual hours equals 1.09 efficiency factor. It is used to modify labor standards.

**elapsed time.** The amount of time from the start to the end of an activity.

**employee badge number.** A number encoded into an employee badge for input to a data collection terminal. It is the key to finding the employee master record when processing shop floor inputs.

**employee master record.** A record that contains data concerning an employee, such as name, serial number, Social Security number, occupation, rate of pay, and balances.

**employee number.** A payroll system number assigned to an employee for identification purposes.

**end item.** The product shipped to the customer.

**enter.** To send coding, data, or a message to a computer from a keyboard.

**entry.** (1) The record of a financial transaction in its appropriate book of account or master file. (2) The act of recording a transaction in the book of account or master file.

**entry date.** The date on which a transaction is entered into a master file.

**error message.** (1) An indication that an error has been detected. (2) Contrast with "informational message."

**estimated completion date.** Expected order completion date based upon work and move time remaining.

**evaluating basic data.** Using the shop feedback to analyze the current status and efficiency of the shop floor.

**evolving standards.** The automatic and manual procedures used to obtain standards for units of production for labor and machine times, production facility queues, and time required for steps which are independent of production quantity.

**expedite.** To accelerate the progress of a shop order on the shop floor.

**expeditor.** Person assigned to find critical jobs and make their urgency understood and accepted by the appropriate foreman.

**expense item.** Paint, glue, and similar materials often not covered as part of the bill of material.

**expenses.** Charges incurred, whether paid or unpaid, for operation, maintenance, interest, and other charges which are presumed to benefit the current period.

**explosion.** The calculation of how many of each of the items listed in a bill of material are required to produce a given quantity of the item or product represented by the bill. For example, if 500 of product A are required and A is composed of two Bs, three Cs, one D, and four Es, the explosion determines that 1000 Bs, 1500 Cs, 500 Ds, and 2000 Es are needed.

**external priority.** A user-specified number applied to shop orders which modifies the system's normal priority calculation. It is used in sequencing shop orders at a production facility.

**fabricated part.** An item made from raw material.

**field.** In a form, display, or record, a specified area used for a particular category of data. For example, the area on a display that is regularly used to show an item number.

**FIFO date.** First-in-first-out date. The date the item was received in stock whether approved or unapproved.

**file.** An organized collection of related records treated as a unit.

**file name.** A name created by the programmer or program to identify and refer to a collection of related records.

**final assembly schedule.** A schedule of assembly of products to be shipped to the customer.

**finished goods.** Items ready for shipment to a customer, including parts reserved for service.

**fixed order quantity.** A rule for determining order size that assigns a fixed quantity to all planned orders.

**floor stock.** Inventory issued to the plant in excess of immediate requirements; for example, a complete reel of wire when the immediate requirement is only for 50 feet.

**forced release.** Release of a shop order for which one or more required components are not available.

**forecast.** An estimate of customer (independent) demand for an item for a specific period in the future.

**forward scheduling.** The technique of beginning with an order start date and adding planned queue time to determine the start date and adding planned queue time to determine the start date of the first operation. The subsequent operation start dates are determined by adding setup and run time (modified by efficiency factor) for the previous operation plus queue time at this operation. Contrast with "backward scheduling."

**function key.** One of the keys of the display station keyboard, used with the function key, to request specific functions from the system or application program.

**function key (PF key).** A key on the display station keyboard that, when pressed, causes the system to recognize the function keys.

**gateway production facility.** A production facility where the first operation of many shop orders is performed.

**gross requirement.** The required quantity of an item from all sources, such as higher-level subassemblies or the master production schedule.

**hash total.** A control total, accumulated manually from a batch of input documents, that helps ensure that entry of data into the computer system is correct and documents are not lost. Hash totals can be kept on quantities, part number, invoice number, and so on.

**hot list.** A list of shortages that is often developed in manual systems by the advanced staging of components required to produce the assembly.

**ID.** Identification.

**immediate update.** The process of updating master files immediately upon receiving a transaction from a work station. Contrast with “batch update.”

**indirect labor actions.** Labor actions that do not contribute directly to an operation, such as cleanup.

**informal system.** A system that is not designed; it develops out of necessity and depends on mutual understanding.

**informational message.** A message that is not the result of an error condition. Normally, an informational message gives the status of a job or operation. Contrast with “error message.”

**inquiry.** (1) A request for information in storage. (2) A request for information that puts the system into inquiry mode.

**inquiry mode.** The mode of operation when the system is responding to an inquiry.

**inspection.** The examining of completed production or purchased items to see that parts meet tolerances and that work has been properly completed. It may or may not be a separate operation.

**intelligent printer data stream (IPDS).** A communications method for sending graphics and text information to a printer. PM&C uses this method for printing bar codes and must have a printer that accepts graphics information in this format.

**interactive data entry.** A method of entering data in which the computer carries on a dialog with a work station operator, alternatively accepting entries and responding to them.

**interactive mode.** A method of running jobs in which the processing actions are performed in response to input provided by a work station or system operator. During the job, a dialog exists between the operator and the system.

**interface.** (1) The hardware and programs that permit exchange of information between computer systems or among devices. (2) The facility to allow information to pass from one application to another.

**inter-operation time.** The elapsed time between the completion of one operation and the start of the next operation on the same job. It includes move time plus wait time at the next operation. It does not include setup time.

**inventory action.** An action which reports the issue, receipt, return, or scrapping of material.

**inventory management.** Controlling a company's goods in a way that ensures economical buying and prompt customer service.

**IPDS.** See "intelligent printer data stream (IPDS)."

**issues.** The amount of inventory released for production or sale. See "miscellaneous issues." See "planned issues." See "unplanned issues."

**item.** Any raw material, manufactured or purchased part, or assembly.

**item data.** Data describing products, the component parts and raw materials from which they are made, the bill of material, and the routing indicating the manufacturing process.

**item number.** The alphanumeric identification of an inventory item. The item number identifies a component, subassembly, assembly, finished item, or raw material.

**job.** (1) A single identifiable sequence of processing actions that represents a single use of the system. A job is the basic unit of work that is identified to the system; for example, a payroll job. (2) The period of time between sign on and sign off at a work station is also referred to as a job. See "session."(3) One or more related procedures or programs grouped into a first-level procedure.

**job-off.** The clocking by an employee upon completion of an activity.

**job-on.** The clocking by an employee upon the start of an activity.

**job reporting.** See "data collection."

**job time.** The elapsed time charged to an operation for a specific manufacturing order (job). Job time contains adjusted elapsed time (or apportioned time) less break time.

**key item.** A master-level item that requires a significant portion of manufacturing capacity.

**kit.** Usually a group of loose components handled as an assembly.

**labor actions.** These actions include time and attendance, direct labor, and indirect labor.

**labor reporting.** The reporting by individual of the time worked on a specific shop order and the number of pieces completed. It may also include the reporting of time spent on indirect labor.

**lead time.** (1) The number of days, weeks, or months needed to place an order, process it, and receive the material into inventory. (2) An estimate of the time required in the shop from order release to availability.

**lead-time control.** A method for determining the level of work-in-process inventory. It is accomplished through adjustments to the rate at which orders are released to the shop floor, and the manpower levels in the production facilities.

**level.** A relative point in the assembly process where components are added. Levels help describe assembly dependencies. A level-0 assembly is shipped to the customer. Raw material is the lowest level (highest level number) in a company's bill structure.

**line item.** An individual entry on a voucher.

**line printer.** A device that prints a line of characters as a unit.

**load.** (1) To enter data or programs into storage; for example, to load a master file. (2) The amount of capacity requirements for manufacturing facilities (usually by time period) based on the master production schedule, the material requirements plan, and standard operating times.

**loading.** The procedure for determining capacity requirements for manufacturing facilities based on the master production schedule.

**location.** The stock location(s) of an item.

**lot number.** The number used to identify a lot or batch of an item. Each item can have multiple batches or lots.

**lunch return.** The time of day when the lunch period ends for a specific work shift. A time range can be specified that allows for an employee's lunch return clocking to be adjusted to the normal lunch return time.

**lunch start.** The time of day when the lunch period starts for a specific work shift. A time range can be specified that allows those entitled to pay and the amounts due each for an employee's lunch start clocking to be adjusted to the normal lunch start time.

**machining rate.** The standard production per time period that can be expected to be produced on a given machine.

**MAD.** See "mean absolute deviation."

**manufacturing bill.** The parts list used by the shop floor. It may differ from the engineering bill.

**manufacturing engineering.** Determining the stages and methods of production.

**manufacturing lead time.** The elapsed time from point of order to receipt in the stockroom of a manufactured item. It is calculated by summing the average wait time (queue) in each production facility and adding run and setup time.

**manufacturing order.** See "shop order."

**master file.** A file that is used as an authority in a given job and that is relatively permanent, even though its contents may change.

**master level.** The level in a tree structure bill at which the master production schedule items appear. It is usually either level 0 or 1, depending on the type of product.

**material picking list.** A listing of items and quantities to be obtained as input to a shop order.

**material requirements planning (MRP).** The technique of planning the acquisition of items required to produce products stated in a master production schedule.

**materials requisition.** An authorization to issue from the stockroom the material required to produce an order.

**maximum overtime hours.** The maximum number of hours and minutes overtime which any employee assigned to a shift will work. This field is used in conjunction with the shift-end-late time to determine an edit period for labor record editing purposes.

**mean absolute deviation.** The average (mean) or the differences (deviations) between the historical average and current values without regard to plus or minus signs (absolute values). For Production Control and Costing, the mean absolute deviation of queue is calculated by using the new average queue as the historical average and the production facility’s current queue for the current value.

**message.** A series of words or symbols, appearing on the display or printed output, that convey information. See also “error message.” See also “informational message.”

**message identifier.** The leading part of a message that contains information such as its source and an identification number.

**minimum balance.** The stock required to cover expected customer demand during the time it takes to order and receive new stock, plus safety stock. See also “safety stock.”

**miscellaneous issues.** Issues that are required, but cannot be identified with any particular shop order; for example, issues consumed in quality control.

**mode.** A method of operation. See “interactive mode.”

**move time.** The time an order spends after completion at a production facility awaiting material handlers, and in transit until it arrives at the production facility where the next operation occurs.

**offline data entry.** A form of data entry in which data is read into the computing system from diskettes.

**on hand.** (1) Pertaining to stock that is immediately available for shipment. See also “available.” (2) Pertaining to items available in the stockroom. Stock now on the receiving dock or issued to the shop floor is not considered on-hand stock.

**online.** Pertaining to equipment or devices under control of the processing unit.

**on order.** Pertaining to stock that has been requested but has not been received.

**open order.** See “released order.”

**open order operation description.** See “routing operation description.”

**operation.** A manufacturing or assembly procedure performed on an item. A routing defines the sequence of several operations.

**operation detail.** The record containing descriptive and status information for one step in a shop order.

**operation sequence number.** A number that identifies a specific step (operation) to be performed during the process of manufacturing an order.

**operation standard.** Standard time values for setup and run.

**option.** A variation of an end product, usually specified by the customer.

**option bill.** A bill of material for a customer-specified feature that is added to a common bill. It includes attaching parts. See “common bill.”

**optional operation.** An operation which may not be required.

**order.** (1) A request from a customer for goods to be delivered or services to be performed. (2) An authorization to purchase or manufacture.

**order handling lead time.** A standard amount of lead time that is added to the quoted lead time (from the vendor) to determine planning lead time. It compensates for time consumed in vendor selection, purchase order writing, mailing, receipt, inspection, and movement to the stockroom.

**order priority.** A numeric value, normally calculated by the computer, that is used to sequence events. The due date of the order, or some variation of it, is the most common priority for shop orders.

**order quantity.** A quantity to be ordered when issuing a replenishment order.

**order release.** (1) In order processing, authorization to fill a customer’s order. (2) In manufacturing, authorization to assemble or fabricate a product identified by a shop order.

**order status.** A measure of how close to completion a shop order is. Considerations include current operation, operation status and quantity complete.

**order status tracking.** Utilizing shop feedback to monitor the present status and location of individual orders.

**order summary.** The control record for a released shop order to which all operation detail records are related.

**output data.** Data delivered or ready to be delivered from a device or program, usually after some processing.

**outside operation.** One or more manufacturing steps performed by a vendor who possesses unique skills or cost advantages.

**overlapping operations.** The sending ahead of part of a shop order to the next operation before the entire order has been processed at the current operation.

**paging.** Displaying the records in a file in sequence on a display station. Using this facility, an operator can read through an entire file rather than seeing one record, as when using inquiry.

**paid break time.** A field that shows the total paid break time for an employee.

**parameter.** (1) A variable that is assigned a particular value for a specific purpose or process. (2) A value that is specified in a command statement or a control statement.

**parent.** The record to which a chain file list (for example, bill of material) is anchored. The parent for an assembly bill of material list is the assembly record.

**parts list.** See "bill of material."

**password.** An alphanumeric security code that allows access to a set of computer operations or date.

**pay basis.** The method by which employees are paid; J = pay by job records, A = pay by time and attendance records, and D = pay by time and attendance records with job detail.

**payroll cycle number.** The number that identifies the pay period in which a batch of transactions belongs.

**payroll day number.** The number that identifies the day of the pay period in which a batch of transactions belongs.

**picking list.** A list of items to be taken from stock.

**planned issues.** Issues that are anticipated and can be identified with a particular shop order.

**planned queue.** The backlog of work desired at a production facility.

**prime load code.** An indicator of whether a production facility is considered as machine or labor-limited for loading purposes.

**prioritization.** The sequencing of work at a production facility based upon dispatching rules.

**(priority) dispatching.** The selection of the next job to be worked on at a production facility, usually on the basis of order due date.

**process sheet.** (1) Documentation stored near the production facility that describes in considerable detail the operation to be performed. (2) Synonymous with "routing."

**product data management.** A system which maintains the accuracy of many reference files used by production control.

**product structure.** A technique for organizing bills of material on a computing system.

**production control.** The functional area of the business responsible for the day-to-day scheduling of plant-floor resources. Shop order release, expediting, and order tracking are the primary responsibilities of this area.

**production facility.** A specific productive facility, such as several employees, several machines, or an assembly area dedicated to a specific product line.

**prompt.** To issue a message to an operator requesting information or describing an action that is needed to continue processing.

**purchase order.** A document sent to a vendor requesting goods or services.

**purchase requisition.** A request to the purchasing department authorizing purchase of materials or services.

**queue.** (1) A waiting line or list formed by items in a computer system waiting for service; for example, jobs to be performed. (2) To arrange in or form a queue. (3) In manufacturing planning systems, the backlog of work waiting to be processed at a production facility.

**raw materials inventory.** Items used in the production of component parts.

**receipts.** (1) Merchandise or stock that is received in inventory. (2) Cash received.

**reference number.** (1) In Accounts Receivable, a number that identifies an invoice, cash receipt, or adjustment set. (2) In data entry, a number used for starting a batch or selecting an existing batch.

**release.** (1) To authorize an order commitment by changing a planned order into a purchase order or shop order. (2) To specify a date and quantity to be shipped under a blanket order.

**release date.** The date on which a planned order is reviewed for release to the shop floor. See also “start date.”

**released order.** An order that is in the process of being issued or has already been issued to the shop floor or a vendor. Once issued, it is a commitment that can only be canceled or rescheduled through negotiation.

**requisition.** An authorization to purchase materials or release quantities of items from stock.

**restore.** To transfer specific objects or libraries from magnetic media, such as diskettes or tape, or from fixed disk to internal storage by duplication.

**returns.** Items that are sent back to the vendor and for which a credit is given.

**rework.** Defective fabricated parts that are sent through extra operations to correct the defect.

**routing.** A list describing the sequence of operations required to make an item.

**routing operation description.** A record providing descriptive information about a manufacturing routing in addition to that contained in the original routing record. Multiple records can be used.

**run time.** The elapsed time an item is actually being worked on in a machine center. It is calculated, at standard, by multiplying order size by time per piece.

**run-time option.** A specification, made when a computer job is run, that tells how the job is to be run.

**safety lead time.** An amount of time sometimes added to the planned lead time of a purchased item to compensate for a vendor's unreliable delivery performance.

**safety stock.** The quantity of an item carried in excess of expected demand to meet unexpected increases in demand.

**schedule.** To determine start dates and due dates for shop orders.

**schedule code.** A code that designates an employee's work schedule. As many as 99 work schedules can be defined in file maintenance, and each work schedule has a unique shift start, lunch start, lunch return, and shift end time. The schedule code is stored in the employee's master file record.

**scrap.** (1) The unusable by-product from an operation or a ruined part or assembly that cannot be used in later production. (2) To separate ruined or unusable parts from the current production lot and report the quantity set aside.

**scrap factor.** See "shrinkage factor."

**send ahead.** To start the next operation in a routing before the previous operation has been completed. This practice may be the standard way of doing things or, occasionally, it may be done to save time. It differs from splitting an order in that the order stays together. See also "splitting orders."

**service level.** (1) The number of items shipped compared to the number of items ordered. (2) A constant (that can vary for each independent demand item) which helps determine the planned level of safety stock and the number of planned stockouts.

**service part.** A part, assembly, or kit shipped to a customer for maintenance purposes.

**session.** The elapsed time between operator signon and operator signoff.

**session date.** The date associated with a session. If a session date is not entered, the session date becomes the same as the system date. See also "system date."

**set.** A group of records with the same invoice number and age code.

**setup.** The procedure (costs) associated with getting a production facility (machine) ready to produce a new item. The procedure is not dependent on the number of items to be produced. For the sake of simplicity, the costs of removing the setup (teardown) are usually included. Contrast with "teardown."

**shift code.** A code that designates an employee's pay shift. Values from one to three are accepted. The shift code is stored in the employee's master file record.

**shift end time.** The time of day that a specific work shift ends. A time range can be specified that allows for an employee's shift end clocking to be adjusted to the normal shift end time.

**shift length.** The amount of time that specifies the total length of a shift. Any lunch periods or unpaid breaks are not included.

**shift start time.** The time of day that a specific work shift starts. A time range can be specified that allows for an employee's shift start clocking to be adjusted to the normal shift start time.

**shop.** The main production facility.

**shop documentation.** See "shop packet."

**shop feedback.** Information reported on production through shop floor reporting, error correction, maintenance transactions and dispatch lists.

**shop floor reporting.** Using a data entry terminal to report employee and order status information.

**shop floor system.** The system of programs which track released shop orders.

**shop order.** (1) An order issued to the factory to produce a component or assembly. (2) A number that identifies a manufacturing or assembly order.

**shop order handling costs.** The portion of shop order acquisition costs that includes order approval, preparing shop paperwork, materials handling, and reporting shop activity against the order.

**shop packet.** The grouping of necessary documents for a manufacturing order.

**shrinkage factor.** A percentage used to increase the quantity on a planned or released shop order to allow for scrap. An alternate method is to use it to increase gross requirements.

**significance (in the part number).** The use of a portion of the part number to describe its source, end use, or physical characteristics. It should be avoided.

**sign off.** To end a session at a display station.

**signoff.** The procedure by which an operator ends a display station session.

**sign on.** To begin a session at a display station.

**signon.** The procedure by which an operator begins a display station session.

**slack time per operation.** Available time until the due date minus run time divided by number of operations remaining.

**sort.** To arrange records in a specified sequence, according to data contained in one or more specific fields within the records.

**source document.** The original record of a transaction.

**splitting orders.** The practice of dividing the original order into multiple orders and expediting a smaller quantity than was originally started. It is costly because of additional setup and material handling. It is of limited value unless run times are long.

**staging.** The practice of pre-pulling components from inventory and placing them in special areas well in advance of actual need.

**start date.** The date work is to begin on an order. This is when materials are picked and delivered to the first production facility.

**stockout.** A condition resulting from the inability to meet product requirements on demand.

**stockroom.** The physical location where components and products are stored, and movement is accounted for. There may be multiple stockroom locations, and some items may be physically stored outside the restricted area.

**storeroom.** See “stockroom.”

**structuring (the bill of material).** The method used to describe the assembly of end products with single-level bills.

**super bill.** A bill constructed to simplify planning the production schedule for assemble-to-order products.

**supplier.** See “vendor.”

**system date.** The date assigned by the system operator during initial program load. Generally, the system date is the same as the actual date. See also “session date.”

**system operator.** A person who uses a specially designated display station to activate certain system functions and to control and monitor system operation.

**system printer.** The printer, designated during system configuration, that is used for system and display station printed output, unless the output is specifically directed to another printer. Contrast with “work station printer.”

**teardown.** Dismantling of assembly jigs, cleaning of vats or machines, etc. Contrast with “setup.”

**temporary file.** A file that cannot be automatically deleted until after its expiration date.

**time and attendance.** Reporting employee attendance status primarily for payroll purposes.

**time and attendance actions.** Labor actions that report when an employee enters or leaves the manufacturing plant or office.

**time basis code.** An expression of the unit of measure for the production time per unit in an operation.

**tools.** Items used primarily in fabrication and normally identified with a particular operation on a routing.

**total paid time.** The amount of time for which an employee is paid. If pay by time and attendance was selected during work schedule maintenance, the employee is paid for the total attendance time less any time taken for lunch. If pay by job was selected, the employee is paid according to the sum of job times reported (less any unpaid breaks) and any added variance time.

**tracking signal.** A value maintained by a computer-based forecasting system that detects significant changes in queue.

**transaction.** An item of business, such as receipt of an order or paying a bill.

**transaction code.** A two-character code that identifies the type of transaction.

**transaction file.** A file containing relatively transient data that, for a given application, is processed together with the appropriate master file.

**transaction register.** A list of transactions–issues, receipts, and adjustments–affecting the balance of material on hand.

**transaction set.** All transactions assigned the same reference number during transaction entry.

**transit time.** The average time required to move material from one operation to another.

**traveler.** See “routing.”

**turnaround number.** An nine-digit number entered by an employee at a data entry station. This number is used to extract information describing an activity from the files.

**unit of measure.** A code indicating the measurement basis for inventory, such as each, pound, tons, gallons, feet.

**unplanned issues.** Issues that are not anticipated but can still be identified with a particular shop order; for example, scrap.

**update.** To modify a file with current information according to a specified procedure.

**user exit.** A point in a program at which the user can insert instructions to alter or add to the services provided by the program.

**user ID.** A special value assigned to an operator and typed in when the operator signs on. The system uses the value to determine whether the operator is authorized to use the system or requested function.

**user password.** A unique string of characters that a system user enters to identify himself to the system. This password is associated with a user profile.

**user sequence.** The user-designated sequence number, together with the component item number, is used to establish the sequence of the bills of material.

**utilization.** The amount of hours a production facility or employee was running jobs, often expressed as a percent of hours available.

**validation.** Verifying engineering and production data through actual use on the shop floor.

**variance.** The difference between historical or budgeted data and current year data. It is usually expressed as a percent.

**variance time.** The time lost between clocking off one job and clocking on to the next job.

**variance time added.** The total amount of variance time awarded to an employee. If the total variance time exceeds the variance time limit (and the employee is paid according to the total of job times), no variance time is added.

**vendor.** A seller of goods or services.

**wait time.** The time an order spends after arrival at a production facility until setup begins.

**warehouse stock location.** The identification of the physical location of inventory storage.

**where-used.** A report showing, for example, what higher-level assemblies use an item (the next level or all levels) or what operations are performed in what production facilities. It is a tool for maintaining the engineering and production data base.

**work-in-process inventory.** Items released to the shop floor and not reported finished; for example, raw materials, subassemblies, and component parts.

**work order.** A document that defines maintenance operations. It is similar to a shop order in control and use.

**work station.** A device or series of devices that lets a person supply information to or obtain information from a computer, or both, as needed to perform a job.

**work station printer.** A serial printer that is designated during installation to print work station output data. Contrast with “system printer.”

**yield.** Percentage of a parent item produced in an operation as opposed to the quantity of the item used at the beginning of the operation.

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