

LB30-0289-2

File No. S34-72

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LICENSED
APPLICATION
PROGRAM

**IBM System/34
Manufacturing Accounting
and Production Information
Control System
System Logic Manual**

Program Numbers:

Production Control and Costing	5726-M41
Payroll	5726-M42
Accounts Payable	5726-M43
Accounts Receivable	5726-M44
Inventory Management	5726-M45
Product Data Management	5726-M46
General Ledger	5726-M47
Sales Analysis	5726-M48
Order Entry and Invoicing	5726-M49
Data Collection System Support	5726-M4A
Material Requirements Planning	5726-M4B

SYSTEM LOGIC MANUAL

Maintaining and Modifying MAPICS



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Material Requirements Planning	5726-M4B

Third Edition (January 1981)

This is a reprint of LB30-0289-1 incorporating changes released in Technical Newsletter LN60-0519.

This edition applies to Version 1, Modification Level 3 of the IBM System/34 Manufacturing Accounting and Production Information Control System and to all subsequent revisions and modifications until otherwise indicated in new editions or technical newsletters.

Use this publication only for the purpose of maintaining and modifying the MAPICS application programs.

The following document contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples contain the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

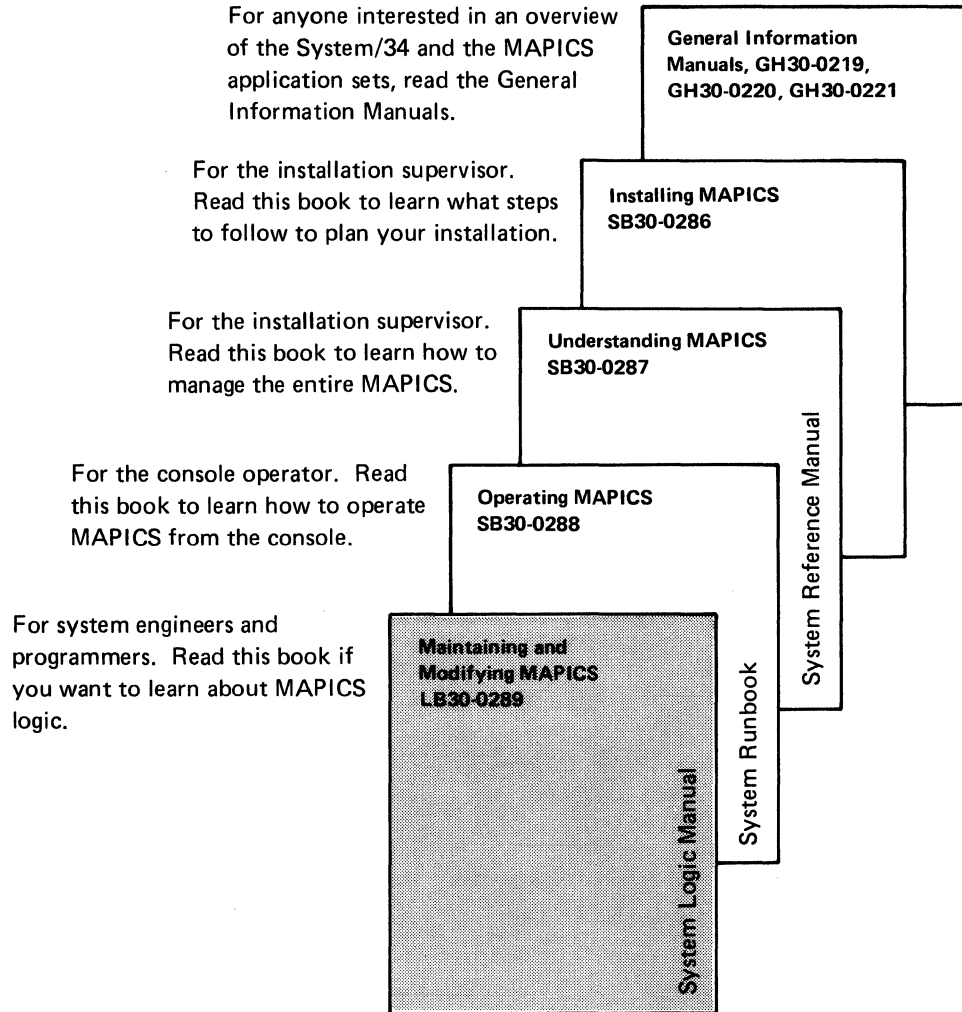
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MAPICS library



To the reader

This book, intended for use by IBM field personnel and customer personnel experienced in data processing, contains detailed information for the programs in MAPICS that are related to the cross-application support instead of particular applications. Information included is system and program descriptions, field dictionary, record layouts, and cross-references.

How this book is organized

Each section of this manual begins with a summary of its purpose.

Section	Description
1	Summary of Application Interfaces—An overview of how the MAPICS applications interface with each other.
2	System Flow and Procedure Logic—A detailed presentation of the execution sequences for cross-application support functions.
3	Architecture—Descriptions of the standards and conventions used, LDA usage, and techniques employed to control the execution of the programs in an application.

Section	Description
4	Program Descriptions—A functional description of each program to be used with the program listings for modifications or problem determination. The programs described are those used for system security, file conversion, file loading, and architecture. These are the programs deliverable as part of cross-application support.
5	Record Layouts—A listing, organized by file, of all fields within each record.
6	Cross-References—Tables arranged by files and programs.
7	Field Dictionary—Definitions and uses of fields.
Appendix A	Diskette Contents—Tables showing the contents of the delivered cross-application support diskettes.
Appendix B	Increasing MRTMAX—Explains how to increase work station limits.
Appendix C	Glossary—Definitions of terms used in the documentation.

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Section 1. Summary of application interfaces

Figure 1-1 shows the MAPICS interfaces between the applications.

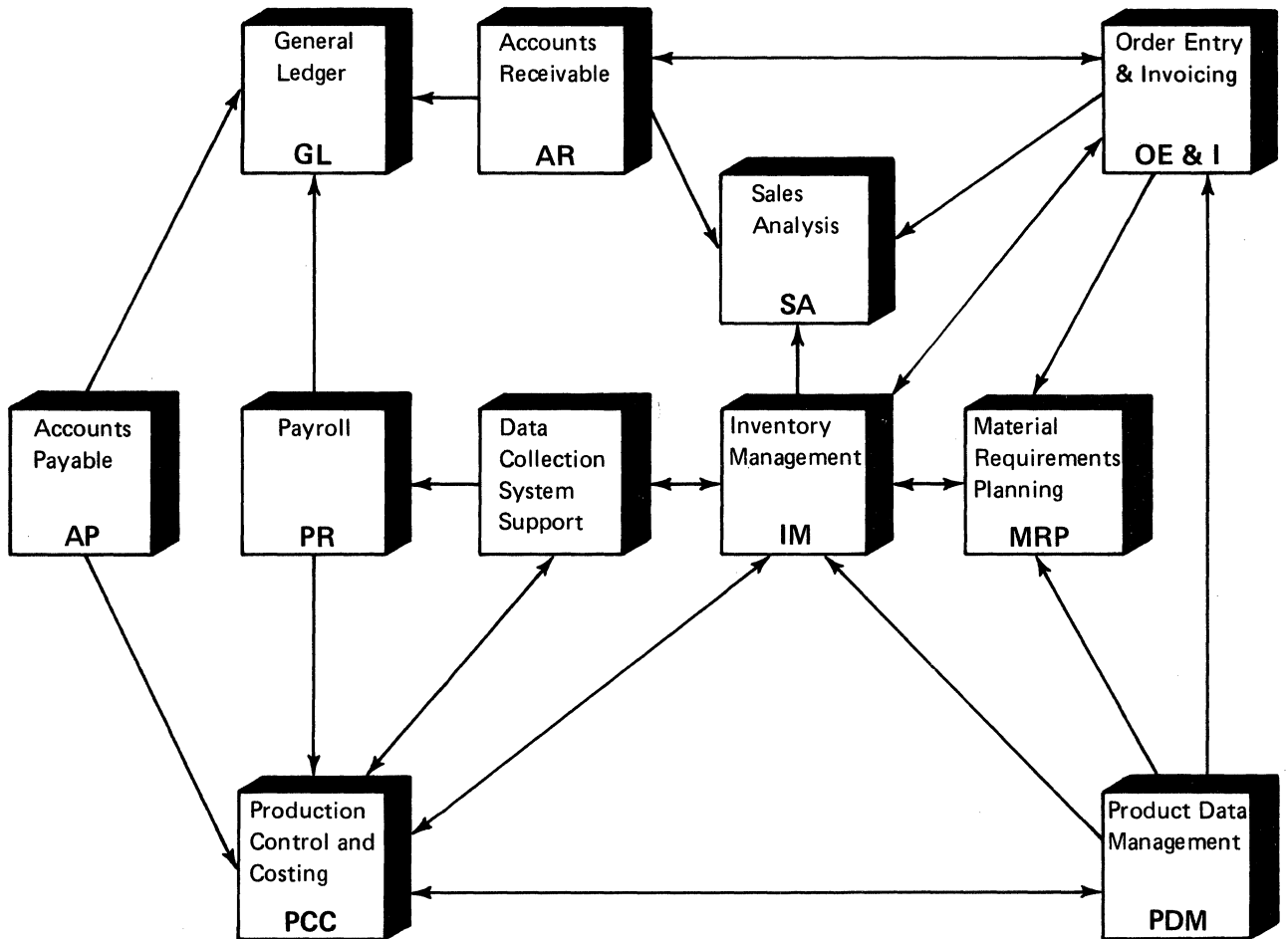


Figure 1-1. Application interfaces in MAPICS

Specific relationships exist to provide a logical flow of information and processing between clearly defined functions. In most cases, information is passed to an interfacing application in transaction records, but some applications retrieve information from shared master files.

Information flow to General Ledger

Accounts Payable and General Ledger—The Accounts Payable application passes purchase and cash disbursement transactions to the General Ledger application.

Payroll and General Ledger—The payroll application passes labor cost, tax, and deduction transactions to General Ledger.

Figure 1-2 illustrates these relationships.

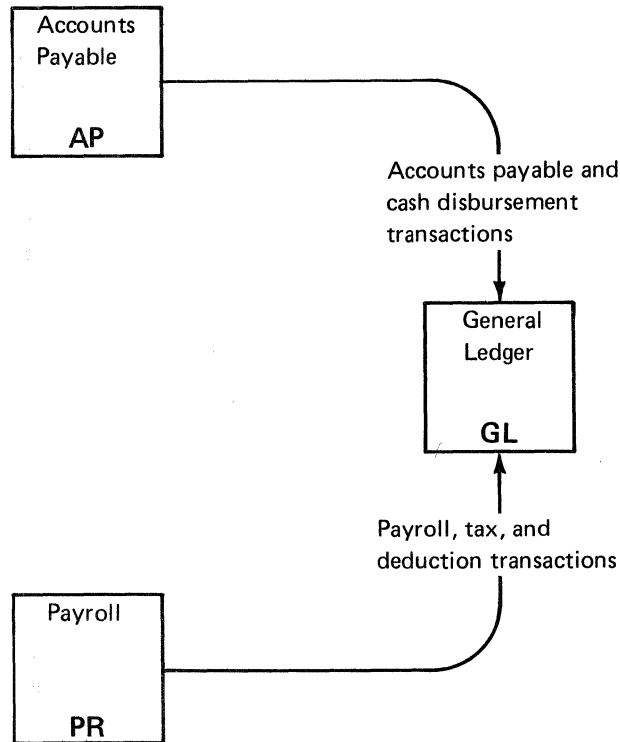


Figure 1-2. Accounts Payable, Payroll, and General Ledger interfaces

Billing information cross-flow

Order Entry and Invoicing and Accounts Receivable—Invoice and credit memo amounts from Order Entry and Invoicing are passed to the Accounts Receivable application. These records are used to update the amount owed by that customer. The account balance, which is maintained by Accounts Receivable, can then be used for credit checking during order entry. If the Order Entry and Invoicing application is not installed, invoice and credit memo data is entered directly into Accounts Receivable.

Order Entry and Invoicing and Inventory Management—Order Entry and Invoicing prints a transaction register of shipped and returned items and posts these quantities to the inventory balance records. Order Entry and Invoicing also relates specific orders for items to the appropriate item balance record.

Order Entry and Invoicing uses the quantity data which is maintained by Inventory Management (on-hand, on-order, quantity allocated to manufacturing) in many of its displays and reports, while Inventory Management uses the customer order information. If Order Entry and Invoicing is to be installed after Inventory Management, additional information must be entered into item records to provide discount and tax rates for order processing.

Order Entry and Invoicing and Sales Analysis—The Order Entry and Invoicing application passes information related to customer, salesperson, and item transactions to Sales Analysis.

Inventory Management and Sales Analysis—The Sales Analysis application receives sales figures (dollars and quantity) directly from Inventory Management if Order Entry and Invoicing is not installed.

Accounts Receivable and Sales Analysis—Accounts Receivable passes customer and salesman information to Sales Analysis for invoices and credit memos if Order Entry and Invoicing is not installed.

Accounts Receivable and General Ledger—The Accounts Receivable application passes cash receipt, adjustment, and service charge transactions to the General Ledger application. Figure 1-3 illustrates these relationships.

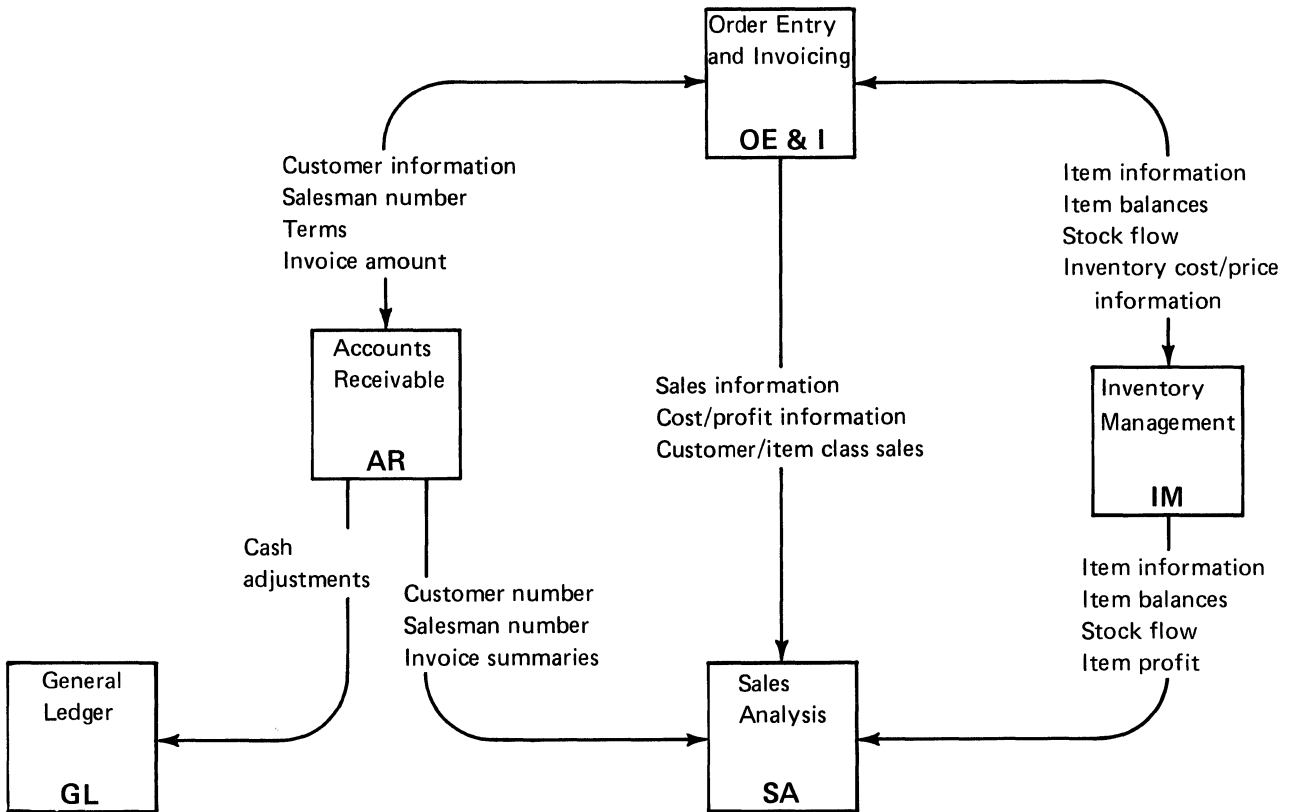


Figure 1-3. Order Entry and Invoicing, Inventory Management, Accounts Receivable, General Ledger, and Sales Analysis interfaces

Labor and production information relationships

Accounts Payable and Production Control and Costing—Accounts Payables passes job cost information incurred through a purchase of material to Production Control and Costing.

Payroll and Production Control and Costing—Payroll passes labor cost information affecting jobs to Production Control and Costing.

Data Collection System Support and Payroll—Data Collection System Support passes time-and-attendance and job reporting transactions to payroll.

Data Collection System Support and Production Control and Costing—If Payroll is not installed, Data Collection System Support passes job reporting information, such as labor and move transactions, directly to Production Control and Costing.

Data Collection System Support and Inventory Management—Inventory Management can provide turnaround records for material, operation, and miscellaneous cost detail information for the Data Collection System Support application and receives inventory issue and receipt transactions from Data Collection System Support if 5230 Data Collection equipment is being used for shop reporting. Figure 1-4 illustrates these relationships.

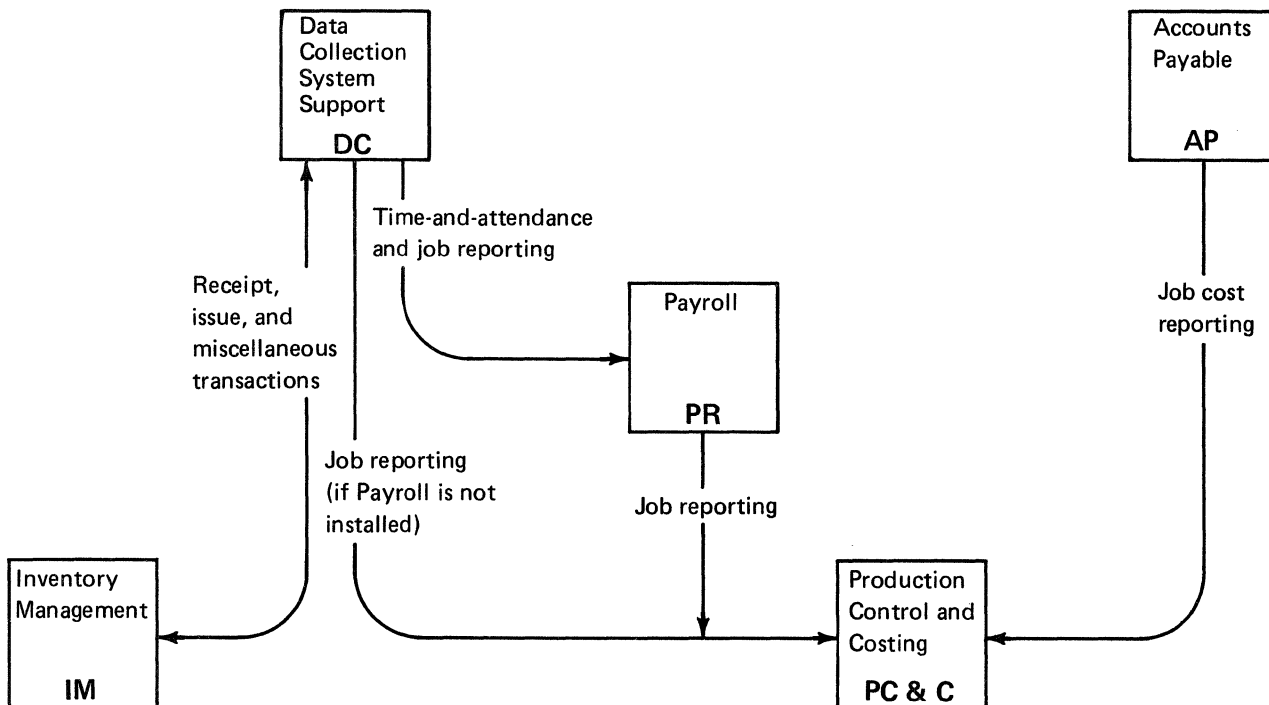


Figure 1-4. Production information interfaces

Product information cross-flow

Inventory Management and Material Requirements Planning—Inventory Management supplies Material Requirements Planning with inventory balances, material allocations, and open order due dates and quantities. Material Requirements Planning uses this information to determine if orders should be expedited, cancelled, or deferred. It also uses the information to determine if planned orders should be added, changed, or removed from schedule. In addition, Inventory Management flags the item record when the inventory balance of an item has undergone change and therefore should be analyzed by Material Requirements Planning.

Material Requirements Planning passes to Inventory Management the planned orders and firm planned orders that should be released and the open orders that should be changed—expedited, deferred, or cancelled.

Product Data Management and Material Requirements Planning—Product Data Management supplies the bills of material, lead times, and order policies for use in Material Requirements Planning. In addition, when the bill of material, cost, or lead time changes for an item, Product Data Management flags the item record so that Material Requirements Planning can replan that item. Figure 1-5 shows these relationships.

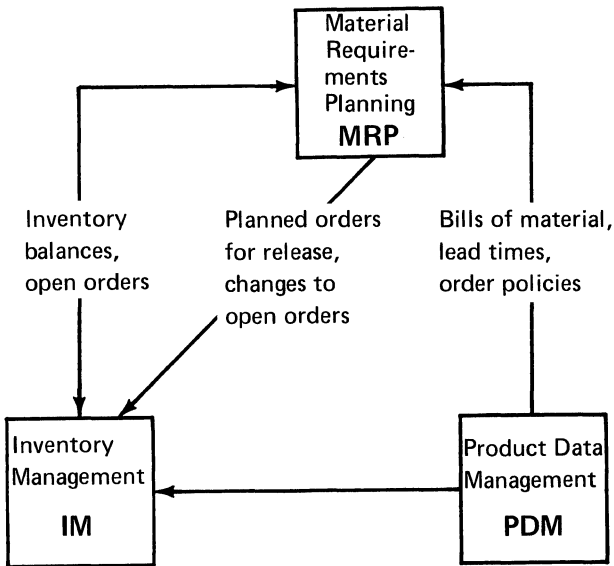


Figure 1-5. Material Requirements Planning, Product Data Management, and Inventory Management interfaces

Production control information

Inventory Management and Production Control and Costing—Inventory Management supplies Production Control and Costing with the orders to be released to the shop floor and with changes to released orders. In addition, Inventory Management keeps track of material usage of open orders—information that Production Control and Costing uses in arriving at order costs.

Product Data Management and Production Control and Costing—Product Data Management supplies Production Control and Costing with the routing and work center information used in developing the routing for the order. The order costing functions of Production Control and Costing uses input from Product Data Management to develop standard costs for an order.

Figure 1-6 illustrates these relationships.

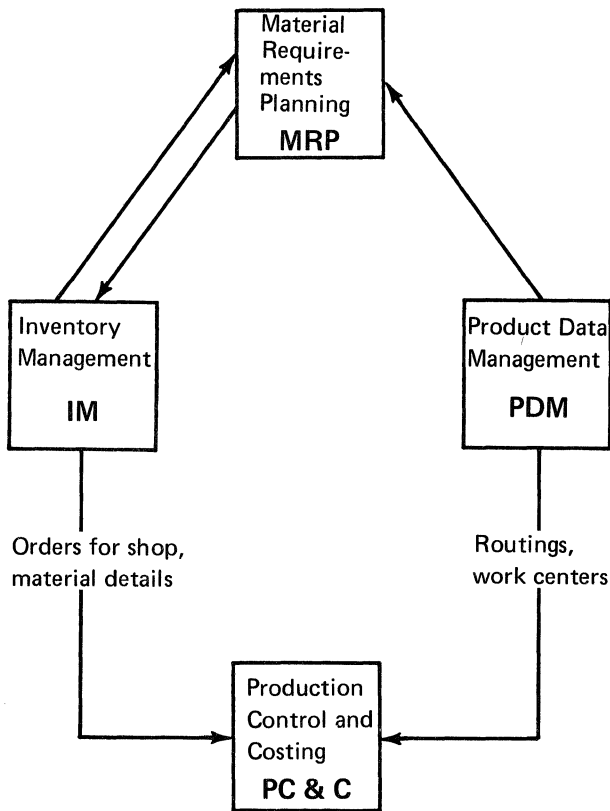


Figure 1-6. Production Control and Costing, Product Data Management, Inventory Management, and Material Requirements Planning interfaces

Order Entry and Invoicing, Data Collection System Support, and the manufacturing applications

In order to perform “net change” planning, Material Requirements Planning must know whenever an item quantity has been changed since the last planning run. Order Entry and Invoicing sets the “replanning flag” in the item balance record whenever it updates an inventory balance due to a shipment or credit adjustment. Also, the master scheduling part of Material Requirements Planning uses the customer order records to compare the Master Production Schedule with the order backlog.

Product Data Management can supply Order Entry and Invoicing with the relationships of standard options to products for use in the entry of customer orders.

Inventory Management supplies inventory balances to the Order Entry and Invoicing application. Order Entry and Invoicing, in turn, supplies Inventory Management with customer order information and updates the on-hand balances when items are shipped to customers. Inventory Management uses this information to determine product availability.

Data Collection System Support reports material activities to Inventory Management. It relies on Inventory Management for material allocation information which it uses to edit the material transactions.

Data Collection System Support reports the production activities to Production Control and Costing. It uses the planned operation information from Production Control and Costing to edit the production transactions.

Figure 1-7 illustrates the relationships.

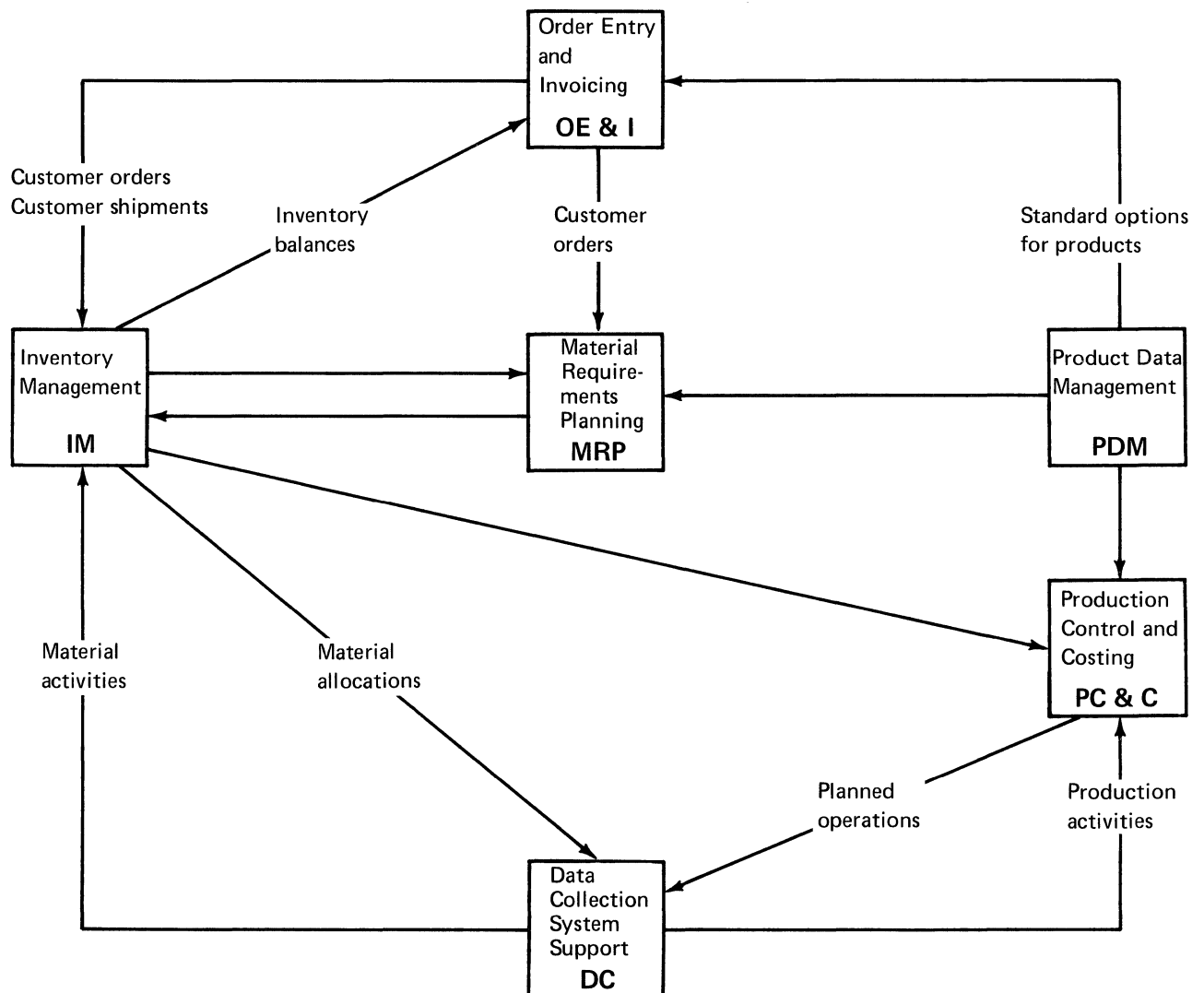


Figure 1-7. Manufacturing application interfaces with Order Entry and Invoicing and Data Collection System Support

File sharing

Figure 1-8 shows the files shared by the interfacing applications.

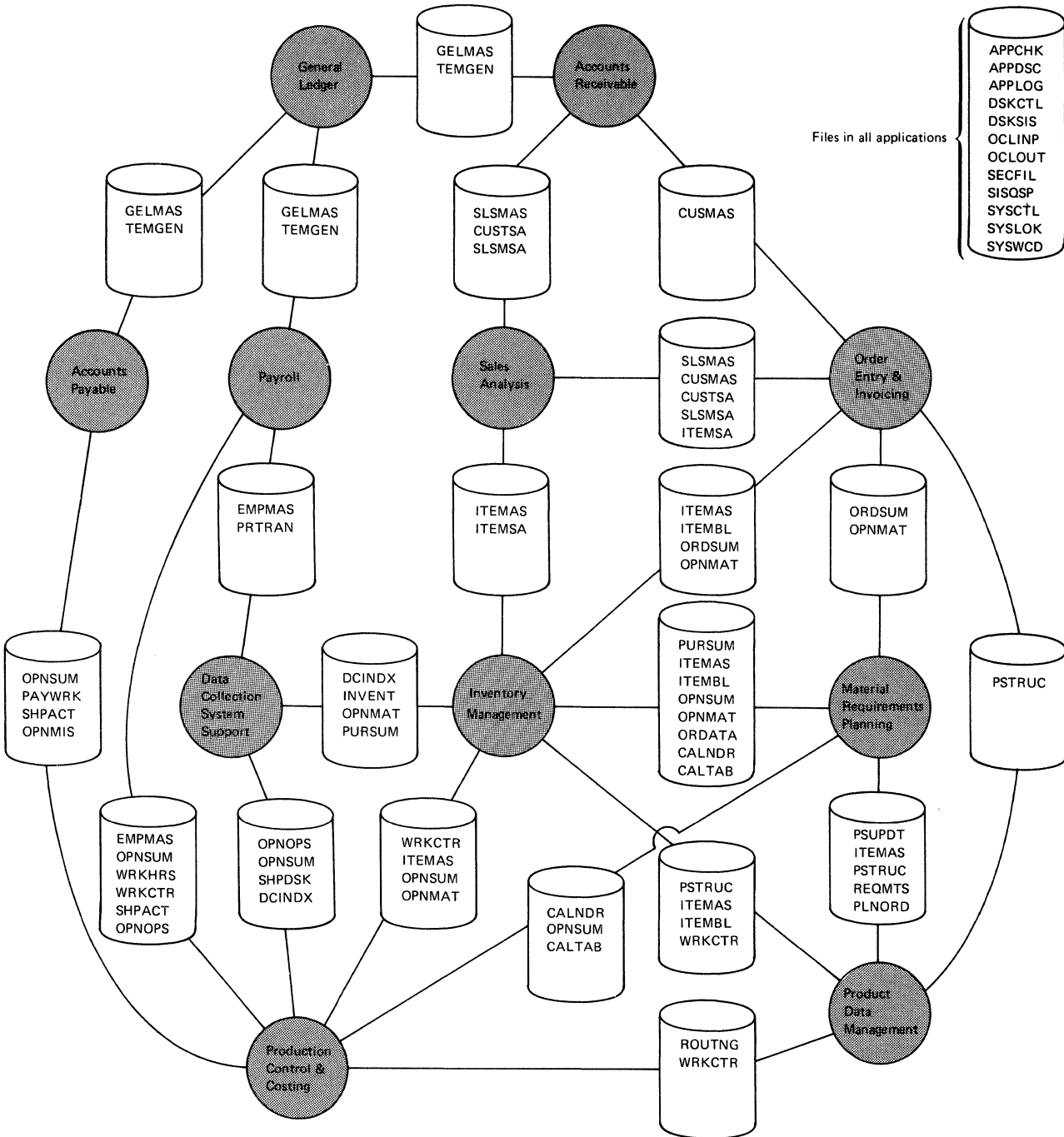


Figure 1-8. Files shared by MAPICS applications

Section 2. Cross-application flow and procedure logic

How this section is organized

Each menu and its options introduces the procedures and their associated programs (organized by menu option). Following the menu overview are flowcharts showing the highest-level procedure that is called by each menu option. The procedural flows appear in the order in which they are called: procedures for option 1, option 2, and so on.

Cross-Application Support Master menu AMZM00

```

COMMAND                                MENU: AMZM00                                Y1
                                     CROSS APPLICATION SUPPORT
                                     MASTER MENU

1 SAVE MASTER FILES                    9 PRINT APPLICATION LOG
2 COMPRESS FIXED DISK FILE SPACE      10 RESTORE MASTER FILES
3 REORGANIZE MASTER FILES             11 INSTALL / TAILOR APPLICATION(S)
4 REFORMAT DATA ENTRY FILES         12 ACTIVATE / DEACTIVATE INTERFACES
5 PRINT FILE STATUS                  13 RESET FILE RECORD COUNT HISTORY
6 VALIDATE CHAINS                    14 LOAD FILES FROM DISKETTE
7 SUPPORT APPLICATION MAINTENANCE     15 CONVERT FILES
8 CHECK APPLICATION STATUS

ENTER NUMBER, COMMAND, OR OCL.

                                     <- READY
    
```

Note: Options 6, 11, 14, and 15 call secondary menus. Procedures are invoked from options off those secondary menus.

Option 1: SAVE MASTER FILES

- AXZPZ1 Master File Save
- AMZPX3 Set initial LDA values
- AXZP09 OCL message handler
- AMZP01 Procedure Initialization/Security test
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMZPB1 Test Checkpoint Records for Save Allowed
- LOAD AXZXS Application Checkpoint Status
- AXZP09 OCL Message Handler

- AMZPB2 Test Data Entry Batches Ready for Save
- AXZPXO SYSCTL Byte Range Test/Replace
- LOAD AMV5C Test Data Entry Batches
- AMZPB3 Pre-Save Application Processing
- AXZPXO SYSCTL Byte Range Test/Replace
- AMMPBR Requirements Planning Pre-Save
- AXZPZU Update UMAXM in CD records
- LOAD AXZZ1 Update UMAXM
- AXZPXX Diskette magazine support override
- AXZPZA Initialize save diskettes
- AXZPZB Diskette initialization
- AXZP62 Prompt for diskette removal

AXZP59 Prompt for diskette insertion
 AXZPB4 Save Application Master Files
 AXZP59 Prompt for Diskette Insertion
 AXZPZD Remove Diskette Contents
 LOAD \$DELETE Remove diskette contents
 AXZP59 Prompt for diskette insertion
 LOAD \$COPY Copy Files to Diskette
 AXZP62 Prompt for Diskette Removal
 AXZPZA Initialize save diskettes
 AXZPZB Diskette initialization
 AXZP62 Prompt for diskette removal
 AXZPZ1 Initialize additional diskettes
 AXZP59 Prompt for diskette insertion
 AMZPB5 Save Segmented Data Entry Files
 AXZP59 Prompt for diskette insertion
 AXZPZD Remove diskette contents
 LOAD \$DELETE Remove diskette contents
 AXZP59 Prompt for diskette insertion
 LOAD \$COPY Files to Diskette
 AXZP62 Prompt for Diskette Removal
 AMZPB6 Post-Save Application Processing
 AXZPX0 SYSCTL byte range test/replace
 AMMPBS Requirements Planning Post-Save
 AMZPB7 Reset Data Entry Batch Status
 AXZPX0 SYSCTL byte range test/replace
 AMAPAA Accounts Payable
 AMBPRB Order Entry
 AMCP36 Production Control
 AMCP5E Production Control
 AMEP5Z Product Data Management
 AMGPBR General Ledger
 AMIPZ2 Inventory
 AMPPAX Payroll
 AMRPAB Accounts Receivable
 AXZPB8 Delete Application Log File (APPLOG)
 AXZP30 Scratch APPLOG
 AXZPX5 Reallocate APPLOG
 LOAD AXZX5 APPLOG VTOC Create
 AXZPF9 Tailored file statements
 AXZP09 OCL Message Handler
 AXZP70 Compress Fixed Disk
 AXZPZG Rename SYSXXX File to SYSCTL

Option 2: COMPRESS FIXED DISK FILE SPACE

AXZPZQ Compress fixed disk space
 AMZP01 Procedure initialization/security test

Option 3: REORGANIZE MASTER FILES

AXZPZ8 File Status/Reformat/Reorganize
 AMZP01 Procedure Initialization/Security Test
 AXZPZ7 Rename SYSCTL File to SYSXXX
 AXZP30 Delete Files
 AXZPZS Sort SYSCTL File

LOAD \$GSORT Sort Program
 AXZPF9 Tailored File Statement
 LOAD AXZZ8 Operator Selection/Generate OCL File
 AXZPF9 Tailored //FILE Statements
 AXZPZZ Catalog and Execute Tailored Procedure
 AXZP58 Copy OCL File to Library
 AXZPZX Procedure Generated by AXZZ8 in OCL File
 AXZP8Z File Common Procedure
 AXZPBX Test for Disk Space
 AXZP70 Compress File Space
 AXZP09 OCL Message Handler
 AM—P— Application Procedure Name
 AXZPX0 SYSCTL Byte range test/replace
 AXZPZH Delete Library Procedures
 AXZP09 OCL Message Handler
 AXZP30 Delete Work Files
 AXZP70 Compress File Space
 AXZPZG Rename SYSXXX File to SYSCTL

Option 4: REFORMAT DATA ENTRY FILES

AXZPZ8 File Status/Reformat/Reorganize
 AMZP01 Procedure Initialization/Security Test
 AXZPZ7 Rename SYSCTL File to SYSXXX
 AMZPZV Check for missing transaction file
 AXZPX0 SYSCTL byte range test/replace
 LOAD AMZZV Reset counts for missing files
 AXZP09 OCL message handler
 AXZP30 Delete files
 AXZPZS Sort SYSCTL File
 LOAD \$GSORT Sort Program
 AXZPF9 Tailored File Statements
 LOAD AXZZ8 Operator Selection/Generate OCL File
 AXZPF9 Tailored //FILE Statements
 AXZPZZ Catalog and Execute Tailored Procedure
 AXZP58 Copy OCL File to Library
 AXZPZX Procedure Generated by AXZZ8 in OCL File
 AXZP8Z File Common Procedure
 AXZPBX Test for Disk Space
 AXZP70 Compress File Space
 AXZP09 OCL Message Handler
 AM—P— Application Procedure Name
 AXZPZH Delete Library Procedures
 AXZP09 OCL Message Handler
 AXZP30 Delete Work Files
 AXZP70 Compress File Space
 AXZPZG Rename SYSXXX File to SYSCTL

Option 5: PRINT FILE STATUS

AXZPZP List File Status
 AMZP01 Procedure Initialization/Security Test
 AXZPZ7 Rename SYSCTL File to SYSXXX
 AXZP30 File Delete
 LOAD #GSORT Sort SYSCTL File
 AXZPF9 Tailored File Statements
 LOAD AXZPZ List File Status
 AXZPZG Rename SYSXXX File to SYSCTL

Option 6: VALIDATE CHAINS

See Menu AMZMX1

Option 7: SUPPORT APPLICATION MAINTENANCE

AXZPTF Apply Program Changes
 AMZPX3 Set initial LDA values
 AXZPZ7 Rename SYSCTL file to SYSXXX
 AXZP59 Prompt for diskette insertion
 TOLIBR SSP Diskette to library
 AIDS Application Maintenance
 AXZPZG Rename SYSXXX file to SYSCTL

Option 8: CHECK APPLICATION STATUS

AXZPXS Display Restart Status
 AMZP01 Procedure Initialization/Security Test
 AXZPZ7 Rename SYSCTL File to SYSXXX
 LOAD AXZXS Check Application Status
 AXZP09 OCL Message Handler
 AXZPXR Display Abnormal Termination Messages
 AXZP09 OCL Message Handler
 LOAD AXZ99 Print Termination Report
 AXZPZG Rename SYSXXX File to SYSCTL
 JOBQ AXZP97 Restart interrupted JOBQ Procedure

Option 9: PRINT APPLICATION LOG

AXZPXL Print Application Log
 AMZP01 Procedure Initialization/Security Test
 AXZPZ7 Rename SYSCTL File to SYSXXX
 AXZPW1 Sort and Print Application Log
 LOAD AXZW1 Sort Options
 AXZPW8 Load Menu/Option Descriptions from Diskette
 AXZP59 Prompt for Diskette Insertion
 LOAD \$COPY Restore Description File
 AXZP62 Prompt for Diskette Removal
 LOAD #GSORT Sort Log Entries
 LOAD AMZX6 Print Application Log
 AXZPB8 Reset Application Log
 AXZP30 Delete APPLOG
 AXZPX5 Allocate APPLOG
 LOAD AXZX5 APPLOG Create

AXZPF9 Tailored File Statements

AXZP09 OCL Message Handler

AXZP30 Delete Menu Description File (APPDSC)

AXZPZG Rename SYSXXX File to SYSCTL

Option 10: RESTORE MASTER FILES

AXZPW0 Restore Saved Application Files
 AMZPX3 Set Initial LDA Values
 AMZP01 Procedure Initialization/Security Test
 AXZPZ7 Rename SYSCTL File to SYSXXX
 AXZP12 Operator Continue/Cancel Option
 AXZPW1 Print Application Log
 LOAD AXZW1 Sort Options
 AXZPW8 Load Menu/Option Descriptions from Diskette
 AXZP59 Prompt for Diskette Insertion
 LOAD \$COPY Restore Description File
 AXZP62 Prompt for Diskette Removal
 LOAD \$GSORT Sort Log Entries
 LOAD AMZX6 Print Application Log
 AXZPB8 Reset Application Log
 AXZP30 Delete APPLOG
 AXZPX5 Allocate APPLOG
 LOAD AXZX5 APPLOG Create
 AXZPF9 Tailored File Statements
 AXZP09 OCL Message Handler
 AXZPZJ Remove Tailoring Library
 AXZPW2 Delete Application Files
 AXZP70 Compress Fixed Disk Space
 AXZPW4 Restore Application Files
 AXZP59 Prompt for Diskette Insertion
 LOAD \$COPY Restore Application Files
 AXZP62 Prompt for Diskette Removal
 AMZPW3 Delete Segmented Data Entry Files
 AXZP70 Compress Fixed Disk
 AXZPXX Diskette magazine support override
 AMZPW5 Restore Segmented Data Entry Files
 AXZP59 Prompt for Diskette Insertion
 LOAD \$COPY Restore Files
 AXZP62 Prompt for Diskette Removal
 AMZPW6 Reset Data Entry Batch Status
 AXZPX0 SYSCTL byte range test/replace
 AMAPAB Accounts Payable
 AMBPRC Order Entry
 AMCP36 Production Control
 AMCP5E Production Control
 AMEP5Z Product Data Management
 AMGPBR General Ledger
 AMIPZ6 Inventory
 AMPPAX Payroll
 AMRPAR Accounts Receivable
 AMZPW7 Post-Restore Application Processing
 AXZPX0 SYSCTL byte range test/replace
 AMMPBT Requirements Planning
 AXZPZG Rename SYSXXX File to SYSCTL

Option 11: INSTALL/TAILORED APPLICATION(S)

See Menu AMZMZ1

Option 12: ACTIVATE/DEACTIVATE INTERFACES

AMZPZ4 Activate/Deactivate Interfaces
AMZP01 Procedure Initialization/Security Test
AXZPZ7 Rename SYSCTL File to SYSXXX
LOAD AMZZ4 Activate/Deactivate Interfaces
AXZPZG Rename SYSXXX File to SYSCTL

Option 13: RESET FILE RECORD COUNT HISTORY

AXZPZ8 File Status/Reformat/Reorganize
AMZP01 Procedure Initialization/Security Test
AXZPZ7 Rename SYSCTL File to SYSXXX
AXZP30 File Delete
AXZPZS Sort SYSCTL File
LOAD \$GSORT Sort Program
AXZPF9 Tailored File Procedure
LOAD AXZZ8 Operator Selection
AXZPF9 Tailored //FILE Statements
AXZP09 OCL Message Handler
AXZP30 Delete Work Files
AXZPZG Rename SYSXXX File to SYSCTL

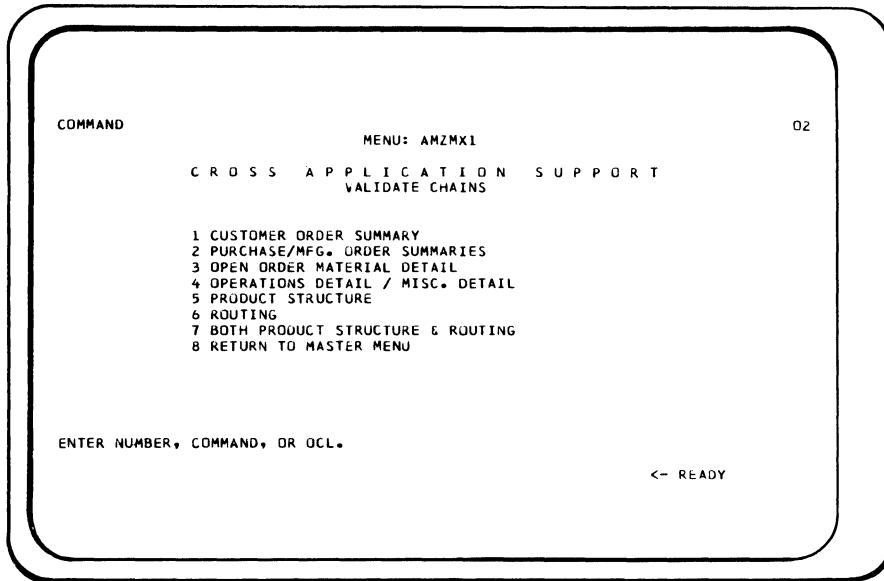
Option 14: LOAD FILES FROM DISKETTE

See Menus AMZMX2, AMZMX3, and AMZMX4

Option 15: CONVERT FILES

See Menu AMZM01

Menu AMZMX1—Validate Chains



Option 1: CUSTOMER ORDER SUMMARY

- AMZPXV Chain Validation Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZP09 OCL Message Handler
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMBPS0 Customer Order Summary Validation Procedure
- AXZPZG Rename SYSXXX File to SYSCTL

Option 2: PURCHASE/MANUFACTURING ORDER SUMMARY

- AMZPXV Chain Validation Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZP09 OCL Message Handler
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMIPTH Purchase/Manufacturing Order Summaries Validation
- AXZPZG Rename SYSXXX File to SYSCTL

Option 3: OPEN ORDER MATERIAL DETAIL

- AMZPXV Chain Validation Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZP09 OCL Message Handler
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMVPTA Open Order Material Detail Validation
- AXZPZG Rename SYSXXX File to SYSCTL

Option 4: OPERATIONS DETAIL/MISC DETAIL

- AMZPXV Chain Validation Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZP09 OCL Message Handler
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMCP90 Operations Detail/Miscellaneous Detail Validation
- AXZPZG Rename SYSXXX File to SYSCTL

Option 5: PRODUCT STRUCTURE

- AMZPXV Chain Validation Master Procedure
- AMZPX1 Procedure Initialization/Security Test
- AXZP09 OCL Message Handler
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMEP71 Product Structure Validation
- AXZPZG Rename SYSXXX File to SYSCTL

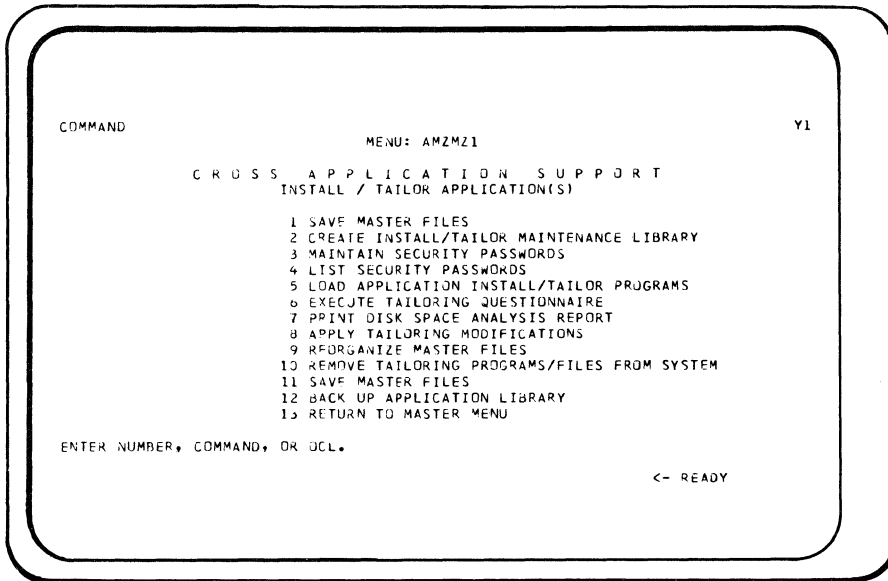
Option 6: ROUTING

- AMZPXV Chain Validation Master Procedure
- AMZPX1 Procedure Initialization/Security Test
- AXZP09 OCL Message Handler
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMEP71 Routing Validation
- AXZPZG Rename SYSXXX File to SYSCTL

Option 7: BOTH PRODUCT STRUCTURE & ROUTING

- AMZPXV Chain Validation Master Procedure
- AMZPX1 Procedure Initialization/Security Test
- AXZP09 OCL Message Handler
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMEP71 Product Structure/Routing Validation
- AXZPZG Rename SYSXXX File to SYSCTL

Menu AMZMZ1—Install/Tailor Application(s)



Option 1: SAVE MASTER FILES

See Option 1 of AMZM00 Master Menu

Option 2: CREATE INSTALL/TAILOR MAINTENANCE LIBRARY

- AXZPZ2 Create Install/Tailor Library
- AMZPX3 Industry Initialization
- AMZP01 Procedure Initialization
- AXZP70 Compress fixed disk Disk Space
- AXZPZ7 Rename SYSCTL file to SYSXXX
- AXZP59 Diskette Insertion Procedure
- AXZPZC Incorrect Diskette Procedure
- AXZPZ0 Build Tailoring Library
- AXZPZ5 Restore SECFIL Security File From I1
- AXZPZ3 Copy Tailored Files Procedure to Install/Tailor Library
- AXZPZ4 Create Tailored Files Procedure in Install/Tailor Library
- AXXPFC Build Tailored Files Procedure
- LOAD AXXFC Build OCL File Statements
- AXXP9 Tailored File Statements
- LOAD #GSORT Sort OCL File Statements
- AXXP9 Tailored File Statements
- AXXPBI Catalog File Statements in Library
- AXXPBF Delete Work File with OCL Statements
- AXXPXT Create Security File
- AXXPXT Create Security File
- LOAD AXXXT M.APPCHK File Create
- AXXP9 Tailored File Procedure

- AXZPXU Create SYSLOK Control File
- AXZPX5 Create APPLOG File
- LOAD AXZX5 APPLOG VTOC Create
- AXZPF9 Tailored Files Procedure
- AXZP09 OCL Message Handler
- AXZP62 Diskette Removal Procedure

Option 3: MAINTAIN SECURITY PASSWORDS

- AXZP00 X3 General Purpose Call to AMXLIB
- AMZPX3 Industry Initialization
- AXZP0M Create Install/Tailor Library if not Present
- AXZPZ2 (See Option 2 of this menu)
- AMZP01 Procedure Initialization
- AXZPZ7 Rename SYSCTL file to SYSXXX
- AXXP79 Error message for incomplete Install/Tailor run
- AXXPX3 Security File Maintenance
- AXXPXT Create APPCHK File if not Present
- LOAD AXXXT Create APPCHK
- AXXP9 Tailored File Statements
- LOAD AMXX3 Security File Maintenance

Option 4: LIST SECURITY PASSWORDS

- AXZP00 X1 General Purpose Call to AMXLIB
- AMZPX3 Industry Initialization
- AXZP0M Create Install/Tailor Library if not Present
- AXZPZ2 (See Option 2 of this menu)
- AMZP01 Procedure Initialization
- AXZPZ7 Rename SYSCTL file to SYSXXX
- AXXP79 Error message for incomplete Install/Tailor run
- AXXPX1 Password Listing
- LOAD AXXX1 Password Listing

Option 5: LOAD APPLICATION INSTALL/TAILORED PROGRAMS

AXZP00 B0 General Purpose Call to AMXLIB
 AMZPX3 Industry Initialization
 AXZP0M Create Install/Tailor Library if not Present
 AXZPZ2 (See Option 2 of this menu)
 AMZP01 Procedure Initialization
 AXZPZ7 Rename SYSCTL file to SYSXXX
 AXXPB0 Load Application Install/Tailor Programs
 AXXP00 BX General Purpose Call to AMALIB
 AXZPBX Test for Available Space
 AXZPRZ Test for Available Space This Procedure
 AXZP09 OCL Message Handler
 AXZPZC Diskette Error Procedure
 AXXPBI General Purpose File to Library Procedure
 LOAD SMAINT Copy Programs to AMXLIB
 AXXPBC Restore & Merge Application Install/Tailor Files
 AXXPZ3 Copy Tailored Files Procedure to AMXLIB
 AXXPZ4 Create Tailored Files Procedure in AMXLIB
 AXXPB3 Create VTOC for SIZQST File
 LOAD AXXB2
 AXXPF9 Tailored Files Procedure
 AXXPB4 Copy SYSCTL to SYSWRK
 LOAD AXX48
 AXXPF9 Tailored Files Procedure
 AXXPB5 Restore Tailoring Files from I1 & Dynamically Size SYSCTL
 AXXPBF File Deletion Procedure
 AXXPBE Copy File from I1 to fixed disk
 AXXP10 Dynamically Size SYSWRK if Necessary
 AXXPBF File Deletion Procedure
 LOAD AXX10 Build OCL to Resize SYSWRK
 AXXPF9 Tailored Files Procedure
 AXXPBG Increase Size of SYSWRK
 AXXPBH Delete Library Procedures
 AXXPBI File to Library Procedure
 AXXPBT File to Library Procedure
 AXXPBF File Delete Procedure
 AXXP70 Compress fixed disk Disk Space
 AXXP69 Tailored Procedure Built for AXX10 Program
 AXXP33 Resize Files
 AXXPBF File Deletion Procedure

AXXPZ4 Create Tailored Files Procedure
 AXXPFC Create Tailored Files Procedure
 LOAD AXXFC Build OCL File Statements
 LOAD #GSORT Sort OCL File Statements
 AXXPBI Catalog File Statements into Library
 AXXPBF Delete Workfile with OCL Statements
 AXXPB6 Merge DSKCTL to SYSWRK
 LOAD AXXB6
 AXXPB8 Merge DSKSIZ to SIZQST
 LOAD AXXB8
 AXXPB9 Delete Install/Tailor work files
 AXXPX0 Update SYSCTL for procedure control
 AXXPX0 SYSCTL Byte Range Test/Replace

Option 6: EXECUTE TAILORING QUESTIONNAIRE

AXZP00 80 General Purpose Call to AMXLIB
 AMZPX3 Industry Initialization
 AXZP0M Create Install/Tailor Library if not Present
 AMZP01 Procedure Initialization
 AXZPZ7 Rename SYSCTL file to SYSXXX
 AXXP79 Error message for incomplete Install/Tailor run
 AXXP80 Execute Questionnaire
 AXXPX0 Update SYSCTL for procedure control
 AXXPX0 SYSCTL Byte Range Test/Replace
 AXXP8B Missing Questionnaire Routine (message)
 AXXPB4 Build SYSWRK File
 LOAD AXX48 Copy SYSCTL to SYSWRK
 AXXPF9 Tailored Files Procedure
 LOAD AXX80 Questionnaire Program
 AMXP85 Industry Specialized Edit
 AMYPGA G/L Special Initialization
 AXXPX0 Update SYSCTL for procedure control
 AXXPX0 SYSCTL Byte Range Test/Replace
 AXXP8A Conditional Error Message/Routine

Option 7: PRINT DISK SPACE ANALYSIS REPORT

AXZP00 81 General Purpose Call to AMXLIB
 AMZPX3 Industry Initialization
 AXZP0M Create Install/Tailor Library if not Present
 AMZP01 Procedure Initialization
 AXXPX0 Update SYSCTL for procedure control
 AXZPX0 SYSCTL Byte Range Test/Replace
 AXZPZ7 Rename SYSCTL file to SYSXXX
 AXXP81 Print Disk Space Analysis Report
 AXXP8A Conditional Error Message Routine
 AXXPB4 Build SYSWRK File
 LOAD AXX48 Copy SYSCTL to SYSWRK
 AXXP9 Tailored Files Procedure
 AXXP51 Calculate Block Values to Disk Space
 Analysis
 LOAD AXX55 Prompt User for System
 Values
 AXXPBF File Deletion Procedure
 LOAD #GSORT
 AXXP9 Tailored Files Procedure
 LOAD AXX52 Calculate Block Values
 AXXP55 Sort SYSWRK for Disk Space Analysis
 Report
 AXXP56 Disk Space Analysis Report
 LOAD AXX56
 AXXPX0 Update SYSCTL for procedure control
 AXZPX0 SYSCTL Byte Range Test/Replace

Option 8: APPLY TAILORING MODIFICATIONS

AXZP00 89 General Purpose Call to AMXLIB
 AMZPX3 Industry Initialization
 AXZP0M Create Install/Tailor Library if not Present
 AMZP01 Procedure Initialization
 AXZPZ7 Rename SYSCTL to SYSXXX
 AXXP89 Apply Tailoring Modifications
 AXXP8G Install/Tailor Error Routine
 AXXP81 Print Disk Space Analysis
 AXXP8A Conditional Error Message
 Routine
 AXXPB4 Build SYSWRK File
 LOAD AXX48 Copy SYSCTL to
 SYSWRK
 AXXP9 Tailored Files Procedure
 AXXP51 Calculate Block Values for Disk
 Space Analysis
 LOAD AXX55 Prompt User for
 System Values
 AXXPBF File Deletion Procedure
 LOAD #GSORT
 AXXP9 Tailored Files Procedure
 LAOD AXX52 Calculate Block Values
 AMXP90 Check that required application is
 loaded to operation library
 AXXP91 Error message handler

AXXP58 Delete Tailoring Work Files
 LOAD \$DELETE
 AXXP70 Compress fixed disk Disk Space
 AXXPF1 Disk Apply Tailoring Modifications
 AXXPFA Update SYSCTL from SYSWRK
 AXXPFB Determine if New App. Installed
 or File Size Changed
 AXXPBF File Deletion Procedure
 LOAD AXX57 Compare UCAPM
 and APBIT for Change
 AXXP9 Tailored Files Procedure
 AXXPBI File to Library Procedure
 AXXPBF File Deletion Procedure
 AXXPFC Build Tailored Files Procedure
 LOAD AXXFC Build File with
 Tailored Files Statements
 AXXP9 Tailored Files Procedure
 LOAD #GSORT Sort Files Statements
 AXXP9 Tailored Files Procedure
 AXXPBI File to Library Procedure
 AXXPBF File Deletion Procedure
 AXXPFD Build Space Test & Reserve
 Procedures
 AXXPBF File Deletion Procedure
 LOAD #GSORT Sort SYSXXX
 AXZPF9 Tailored Files Procedure
 LOAD AXXFD Build Space Test and
 Reserve Statements
 AXZPF9 Tailored Files Procedure
 LOAD #GSORT Sort Tailored OCL
 Statements
 AXXP9 Tailored Files Procedure
 AXXPBI File to Library Procedure
 AXXPBF File Deletion Procedure
 AXXPFE Resize Active Files as Required
 AXXPBF File Deletion Procedure
 LOAD AXXFE Build AXXPR9
 Procedure
 AXZPF9 Tailored Files Procedure
 AXXP67 Resize Active Files
 AXXPBI File to Library Procedure
 OCLOUT
 AXXPBF File Deletion Procedure
 OCLOUT
 AXXP9 Tailored Resizing Procedure
 AXXPBH Delete Library Modules AXXPR9
 AXXPBF File Deletion Procedure OCLOUT
 AXXPFF Create Master File VTOCS (build
 and tailored by AXXPFB)

Option 9: REORGANIZE MASTER FILES

See option 3 of AMZM00 Master Menu

Option 10: REMOVE TAILORING PROGRAMS/FILES FROM SYSTEM

- AXZPZ9 Remove Tailoring Programs & Files from the System
 - AMZP01 Procedure Initialization
 - AXXP79 Incomplete Install/Tailor Error Procedure
 - AXZPZK Delete Tailoring Work Files
 - AXZPZJ Delete Tailoring Library
 - AXZPZG Rename SYSXXX file to SYSCTL

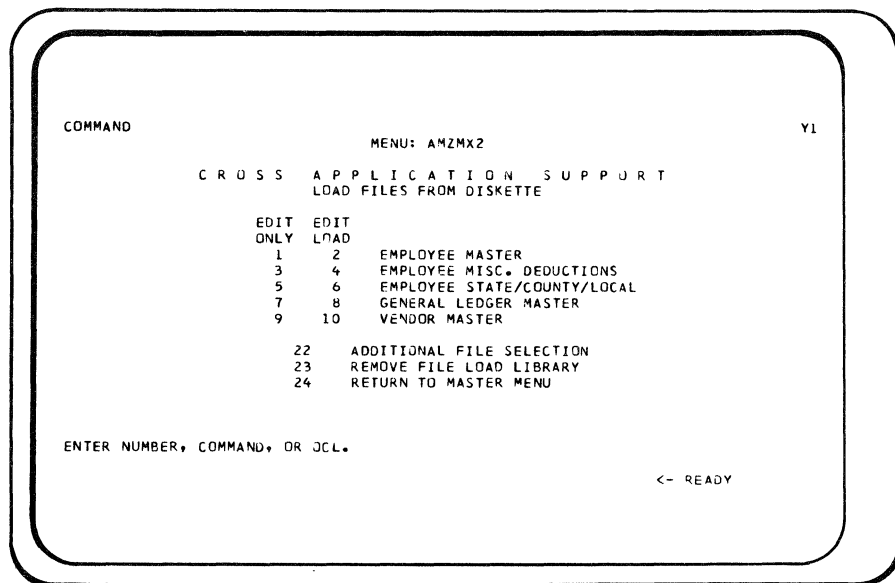
Option 11: SAVE MASTER FILES

See Option 1 of AMZM00 Master Menu

Option 12: BACKUP APPLICATION LIBRARY

- AXZPZL Backup Application Operational Library
 - AMZP01 Procedure Initialization
 - AXZPZ7 Rename SYSCTL File to SYSXXX
 - AXZPXX Diskette magazine support override
 - AXZPZA Diskette Initialization Option
 - AXZPZB Initialize Diskettes
 - AXZPZB Initialize Diskettes
 - INIT SSP Diskette Initialization
 - AXZP62 Diskette Removal Procedure
 - AXZPZI Initialize Additional Diskettes
 - AXZP59 Diskette Insertion Procedure
 - AXZP59 Diskette Insertion Procedure
 - AXZPZD Delete Backup File from Diskette
 - AXZP59 Diskette Insertion Routine
 - AXZPZG Rename SYSXXX File to SYSCTL

Menu AMZMX2—Load files from diskettes



Options 1 and 2: EMPLOYEE MASTER

- AMZPKK File Load Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMZPKM Create AMKLIB Library
- LOAD \$DELET Remove Library
- AMZPXN Wrong Diskette Error Routine
- LOAD \$MAINT Copy Library Modules to AMKLIB
- AXZP62 Diskette Removal
- AMKPP3 Employee Master Diskette Load Procedure
- AXZPZG Rename SYSXXX File to SYSCTL

Options 3 and 4: EMPLOYEE MISC. DEDUCTIONS

- AMZPKK File Load Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMZPKM Create AMKLIB Library
- LOAD \$DELET Remove Library
- AMZPXN Wrong Diskette Error Routine
- LOAD \$MAINT Copy Library Modules to AMKLIB
- AMKLIB
- AXZP62 Diskette Removal
- AMKPP5 Employee Miscellaneous Deductions
- Diskette Load Procedure
- AXZPZG Rename SYSXXX File to SYSCTL

Options 5 and 6: EMPLOYEE STATE/COUNTY/LOCAL

- AMZPKK File Load Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMZPKM Create AMKLIB Library
- LOAD \$DELET Remove Library
- AMZPXN Wrong Diskette Error Routine
- LOAD \$MAINT Copy Library Modules to AMKLIB
- AXZP62 Diskette Removal
- AMKPP7 Employee State/County/Local Diskette
- Load Procedure
- AXZPZG Rename SYSXXX File to SYSCTL

Options 7 and 8: GENERAL LEDGER MASTER

- AMZPKK File Load Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMZPKM Create AMKLIB Library
- LOAD \$DELET Remove Library
- AMZPXN Wrong Diskette Error Routine
- LOAD \$MAINT Copy Library Modules to AMKLIB
- AMKLIB
- AXZP62 Diskette Removal
- AMKPV2 General Ledger Master Diskette Load
- Procedure
- AXZPZG Rename SYSXXX File to SYSCTL

Options 9 and 10: VENDOR MASTER

AMZPXK File Load Master Procedure/Security Test
AXZPX2 Security Function Test
AXZPZ7 Rename SYSCTL File to SYSXXX
AMZPXM Create AMKLIB Library
LOAD \$DELET Remove Library
AMZPXN Wrong Diskette Error Routine
LOAD \$MAINT Copy Library Modules to
AMKLIB
AXZP62 Diskette Removal
AMKPA0 Vendor Master Diskette Load Procedure
AXZPZG Rename SYSXXX File to SYSCTL

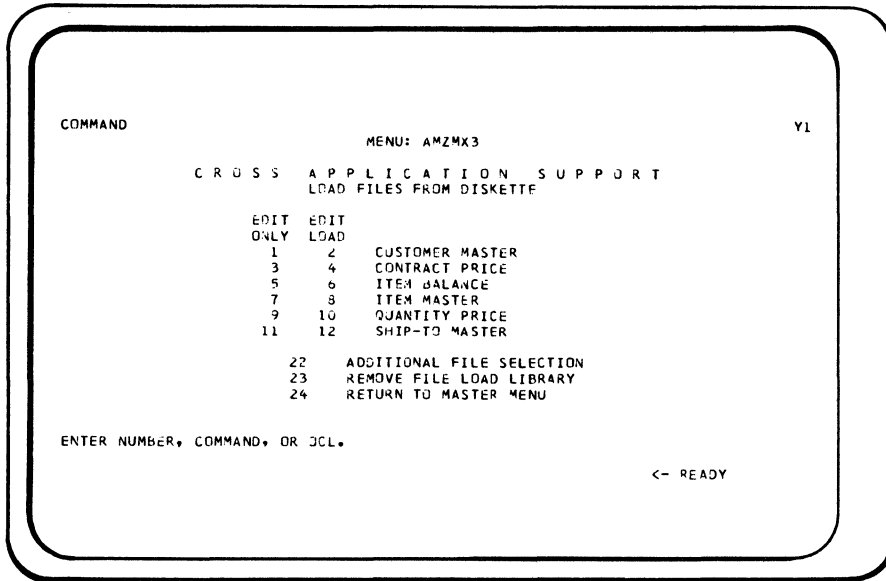
Option 22: ADDITIONAL FILE SELECTION

See Menu AMZMX3

Option 23: REMOVE FILE LOAD LIBRARY

AMZPXR Remove Library AMKLIB
AMZP01 Procedure Initialization/Security Test
LOAD \$DELET Delete AMKLIB
AXZPZG Rename SYSXXX File to SYSCTL

Menu AMZMX3—Load files from diskette



Options 1 and 2: CUSTOMER MASTER

- AMZPXK File Load Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMZPXM Create AMKLIB Library
- LOAD \$DELET Remove Library
- AMZPXN Wrong Diskette Error Routine
- LOAD \$MAINT Copy Library Modules to AMKLIB
- AXZP62 Diskette Removal
- AMKPB1 Customer Master Diskette Load Procedure
- AXZPZG Rename SYSXXX File to SYSCTL

Options 5 and 6: ITEM BALANCE

- AMZPXK File Load Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMZPXM Create AMKLIB Library
- LOAD \$DELET Remove Library
- AMZPXN Wrong Diskette Error Routine
- LOAD \$MAINT Copy Library Modules to AMKLIB
- AXZP62 Diskette Removal
- AMKPIO Item Balance Diskette Load Procedure
- AXZPZG Rename SYSXXX File to SYSCTL

Options 3 and 4: CONTRACT PRICE

- AMZPXK File Load Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMZPXM Create AMKLIB Library
- LOAD \$DELET Remove Library
- AMZPXN Wrong Diskette Error Routine
- LOAD \$MAINT Copy Library Modules to AMKLIB
- AXZP62 Diskette Removal
- AMKPB3 Contract Price Diskette Load Procedure
- AXZPZG Rename SYSXXX File to SYSCTL

Options 7 and 8: ITEM MASTER

- AMZPXK File Load Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMZPXM Create AMKLIB Library
- LOAD \$DELET Remove Library
- AMZPXN Wrong Diskette Error Routine
- LOAD \$MAINT Copy Library Modules to AMKLIB
- AXZP62 Diskette Removal
- AMKPE1 Item Master Diskette Load Procedure
- AXZPZG Rename SYSXXX File to SYSCTL

Options 9 and 10: QUANTITY PRICE

AMZPXK File Load Master Procedure
AMZP01 Procedure Initialization/Security Test
AXZPZ7 Rename SYSCTL File to SYSXXX
AMZPXM Create AMKLIB Library
LOAD \$DELET Remove Library
AMZPXN Wrong Diskette Error Routine
LOAD \$MAINT Copy Library Modules to
AMKLIB
AXZP62 Diskette Removal
AMKPB5 Quantity Price Diskette Load Procedure
AXZPZG Rename SYSXXX File to SYSCTL

Options 11 and 12: SHIP-TO MASTER

AMZPXK File Load Master Procedure
AMZP01 Procedure Initialization/Security Test
AXZPZ7 Rename SYSCTL File to SYSXXX
AMZPXM Create AMKLIB Library
LOAD \$DELET Remove Library
AMZPXN Wrong Diskette Error Routine
LOAD \$MAINT Copy Library Modules to
AMKLIB
AXZP62 Diskette Removal
AMKPB7 Ship-To Master Diskette Load Procedure
AXZPZG Rename SYSXXX File to SYSCTL

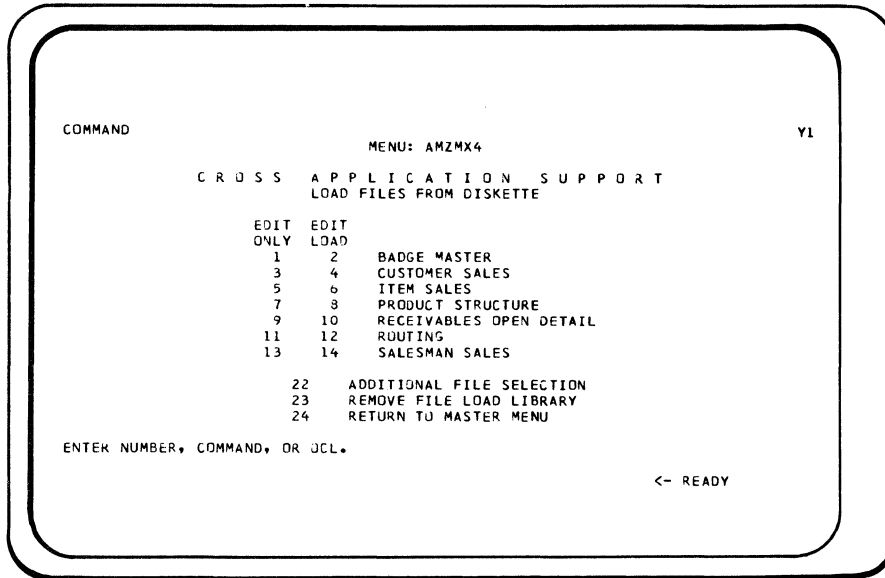
Option 22: ADDITIONAL FILE SELECTION

See Menu AMZMX4

Option 23: REMOVE FILE LOAD LIBRARY

AMZPXR Remove Library AMKLIB
AMZP01 Procedure Initialization/Security Test
LOAD \$DELET Delete AMKLIB
AXZPZG Rename SYSXXX File to SYSCTL

Menu AMZMX4—Load files from diskette



Options 1 and 2: BADGE MASTER

- AMZPXK File Load Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMZPXM Create AMKLIB Library
- LOAD \$DELET Remove Library
- AMZPXN Wrong Diskette Error Routine
- LOAD \$MAINT Copy Library Modules to AMKLIB
- AXZP62 Diskette Removal
- AMKPD0 Badge Master Diskette Load Procedure
- AXZPZG Rename SYSXXX File to SYSCTL

Options 5 and 6: ITEM SALES

- AMZPXK File Load Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMZPXM Create AMKLIB Library
- LOAD \$DELET Remove Library
- AMZPXN Wrong Diskette Error Routine
- LOAD \$MAINT Copy Library Modules to AMKLIB
- AXZP62 Diskette Removal
- AMKPS2 Item Sales Diskette Load Procedure
- AXZPZG Rename SYSXXX File to SYSCTL

Options 3 and 4: CUSTOMER SALES

- AMZPXK File Load Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMZPXM Create AMKLIB Library
- LOAD \$DELET Remove Library
- AMZPXN Wrong Diskette Error Routine
- LOAD \$MAINT Copy Library Modules to AMKLIB
- AXZP62 Diskette Removal
- AMKPS1 Customer Sales Diskette Load Procedure
- AXZPZG Rename SYSXXX File to SYSCTL

Options 7 and 8: PRODUCT STRUCTURE

- AMZPXK File Load Master Procedure
- AMZP01 Procedure Initialization/Security Test
- AXZPZ7 Rename SYSCTL File to SYSXXX
- AMZPXM Create AMKLIB Library
- LOAD \$DELET Remove Library
- AMZPXN Wrong Diskette Error Routine
- LOAD \$MAINT Copy Library Modules to AMKLIB
- AXZP62 Diskette Removal
- AMKPE2 Product Structure Diskette Load Procedure
- AXZPZG Rename SYSXXX File to SYSCTL

Options 9 and 10: RECEIVABLES OPEN DETAIL

AMZPXK File Load Master Procedure
AMZP01 Procedure Initialization/Security Test
AXZPZ7 Rename SYSCTL File to SYSXXX
AMZPXM Create AMKLIB Library
LOAD \$DELET Removal Library
AMZPXN Wrong Diskette Error Routine
LOAD \$MAINT Copy Library Modules to
AMKLIB
AXZP62 Diskette Removal
AMKPR0 Receivables Open Detail Diskette Load
Procedure
AXZPZG Rename SYSXXX File to SYSCTL

Options 11 and 12: ROUTING

AMZPXK File Load Master Procedure
AMZP01 Procedure Initialization/Security Test
AXZPZ7 Rename SYSCTL File to SYSXXX
AMZPXM Create AMKLIB Library
LOAD \$DELET Remove Library
AMZPXN Wrong Diskette Error Routine
LOAD \$MAINT Copy Library Modules to
AMKLIB
AXZP62 Diskette Removal
AMKPE3 Routing Diskette Load procedure
AXZPZG Rename SYSXXX File to SYSCTL

Options 13 and 14: SALESMAN SALES

AMZPXK File Load Master Procedure
AMZP01 Procedure Initialization/Security Test
AXZPZ7 Rename SYSCTL File to SYSXXX
AMZPXM Create AMKLIB Library
LOAD \$DELET Remove Library
AMZPXN Wrong Diskette Error Routine
LOAD \$MAINT Copy Library Modules to
AMKLIB
AXZP62 Diskette Removal
AMKPS3 Salesman Sales Diskette Load Procedure
AXZPZG Rename SYSXXX File to SYSCTL

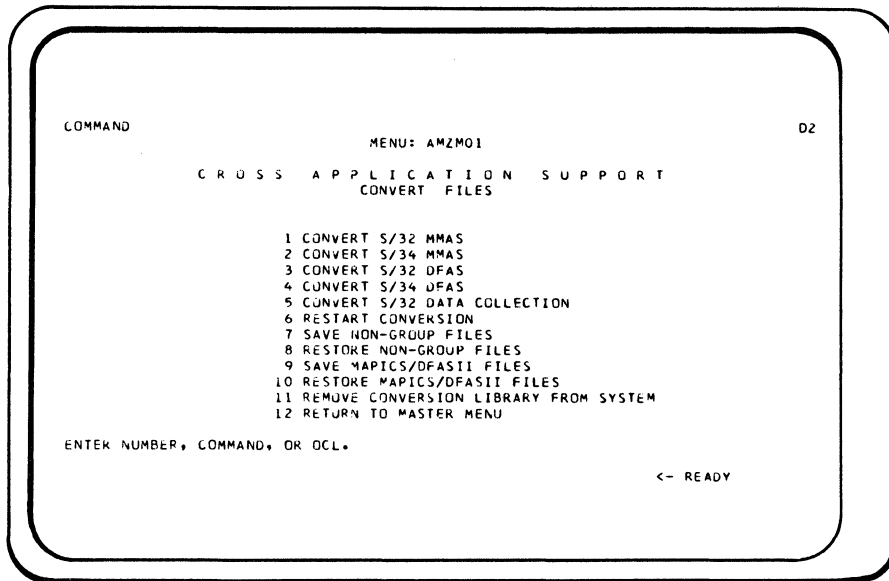
Option 22: ADDITIONAL FILE SELECTION

See Menu AMZMX2

Option 23: REMOVE FILE LOAD LIBRARY

AMZPXR Remove Library AMKLIB
AMZP01 Procedure Initialization/Security Test
LOAD \$DELET Delete AMKLIB
AXZPZG Rename SYSXXX File to SYSCTL

Menu AMZM01—Convert files



- Option 1. Convert System/32 MMAS
- Option 2. Convert System/34 MMAS
- Option 3. Convert System/32 DFAS
- Option 4. Convert System/34 DFAS
- Option 5. Convert System/32 Data Collection
- Option 6. Restart Conversion

Options 1–6:

- AMZPCV Conversion Initialization
 - AMZP01 Security, LDA, and Procedure Setup
 - AMZPXM Load Conversion Library
- AMKP00 Conversion Mainline Procedure
 - AMKP03 Restore LDA from SYSCTL
 - AMZP09 OCL Message Handler
 - AMKPD T Delete Non-Group Files
 - RESTORE Restore System/32 Files
 - AMKP08 Application Selection
 - AMKPSV Save Files to be Converted
 - AMKDT Delete Saved Files from Disk
 - AMKP02 Restore System/32 SYSCTL File
 - AMKP02 Load File to be Converted & Call Program
 - AMKP04 Delete Converted Input File & Flag LDA

Option 7: SAVE NON-GROUP FILES

- AMZPCV Conversion Initialization
 - AMZP01 Procedure Initialization/Security Test
 - AMZPXM Load Conversion Library
 - AMKPKC Copy Non-Group Files to Diskette

Option 8: RESTORE NON-GROUP FILES

- RESTORE
- SSP Restore Procedure

Option 9: SAVE MAPICS/DFAS II FILES

See Option 1 of Cross-Application Support Master Menu—AMZM00.

Option 10: RESTORE MAPICS/DFAS II FILES

See Option 10 of Cross-Application Support Master Menu—AMZM00.

Option 11: REMOVE CONVERSION LIBRARY FROM SYSTEM

- AMZPXR Remove Library AMKLIB
 - AMZP01 Procedure Initialization/Security Test
 - LOAD \$DELET SSP File Delete

Architectural procedures

Several procedures and programs have been included to support the overall architectural design of MAPICS. All applications refer to these procedures and programs in their own procedures. They are written to support cross-MAPICS as well as cross-industry requirements. The second character of their names is an X to designate cross-industry instead of the M designating MAPICS.

In order for the cross-industry modules to properly identify the industry modules, AMZP01 and AMZPX3 initializes positions 228–230 of the LDA with the industry codes. All architecture references to industry specific files and library modules use LDA substitution. Position 228 contains the first character of the segmented data entry file names: position 229 contains the first character of all other file names; position 230 is the second character of library names. For MAPICS, AMZP01 and AMZPX3 initializes the LDA with the value 'LMM' starting in position 228.

The architecture procedures require the following files:

M.APPCHK — Security password file
M.APPLLOG — Application log file
M.SECFIL — Security function description file
M.SYSCTL — System control file
M.SYSLOK — System sector lock and JOBQ checkpoint/restart

Common architecture procedures

The following are common procedures which most applications use.

AMZP01

Function

- Initialize the Local Data Area as follows:
 - 1–206 blanks
 - 207–207 Diskette initialization control byte
 - 208–208 Diskette magazine code
 - 209–212 Last 2 characters of menu name and option number
 - 213–216 Not initialized
 - 217–217 REUSE
 - 218–218 'M'
 - 219–219 DTFMT
 - 220–227 Not initialized
 - 228–230 Industry prefix codes (LMM)
 - 231–235 Blanks or results if parameter 5 = TEST
 - 236–244 Blanks
 - 245–245 APCOD
 - 246–249 PSSWD
 - 250–251 SCTY1,2
 - 252–254 USRID
 - 255–256 Workstation ID
- Turn off user switches 1–8

- Prompt for password for first procedure of a session unless user has not specified any security requirements for any applications. Also, prompt if not authorized and in inquiry.
- Cancel job if operator not authorized for specific function(s).
- Load application designator, password, operator ID and security function bits in LDA.
- Add an entry to the application log file with the menu name, option number, time, date and operator ID.
- Tests that SYSXXX is not on fixed disk unless in dedicated operation mode.

Parameters/Descriptions

- 1-byte application designator.
- 4-byte xxyy where xx = last two characters of menu name
yy = menu option number 01–24
- 'NOLOG' = bypass logging of inquiry requests
'LOGIT' = log request
blank = defaults to LOGIT
- 00,01,.....16 = security function number
- TEST, NTST, or blank. Test indicates LDA positions 1–60 contain data for AXZPX0 function (no imbedded blanks and commas through 60 for unused portion.
- 00, 01,, 16 alternate security function number. Operator is authorized if cleared for either function specified in parameter 4 or parameter 6.
- 00, 01,, 16 additional security function number. Operator is authorized only if cleared for function specified in parameter 7, as well as 4 or 6.
- 8-9. Not used.
- B = dedicated procedure.
N = do not clear LDA
B/N = shutdown of MRT/NEP program

AXZPBX

Function

Test for available space, reserve required "J" file space, and allocate temporary files.

Parameters

- Name of procedure that called this one. This parameter must match the PRCNA field in one of your "CP" procedure definition records. It is used as a search argument in the tailored procedure AXZPR?L'245,1'? to test for available space, and reserve space for any "J" files referenced by the "CP" record. If the "CP" record has been defined

as a “dedicated” procedure (“B” in position 128), a test is made for available space, but no attempt is made to reserve any space.

2. Procedure name. Normally, the same as parameter 1. Used to restart the JOBQ if your procedure is a JOBQ procedure. If not a JOBQ procedure, this parameter is used as a reference in the error message display stating that disk space is not available at this time.
- 3-10. Names of temporary (not “J” files) to be created. A test is made to see if the named file can be created within the available system space. If space is available, the file named is immediately allocated. Failure to find space and allocate any one of these files results in subsequent deletion of any previously created work files named as parameters. The issue of an appropriate message saying that required space is unavailable, is followed by cancellation of the job. If parameter 10 is “CONT” and space is unavailable, an appropriate message is issued, but cancellation does not automatically occur. Control is returned to the procedure, and there will be an “N” in position 242 of the LDA to indicate that space was not available. If parameter 10 is “CONT”, the calling application handles the unavailable space condition.

AXZPX0

Function

1. Range test and/or replace SYSCTL bytes or test for diskette data entry.
2. Return Y in LDA position 242 if all range tests are in limits and specified replacements occur; otherwise, return an N.
3. Return L or H for out of range low or high in LDA positions 231–235 corresponding to tests 1–5 if LDA 242 = N.
4. Return H, when diskette data entry is allowed, in LDA positions 231–235 corresponding to test 1–5.

Parameters

1. 6-byte SYSCTL record key.
2. nnnabc where nnn = record location from 009–128
 - a = low limit
 - b = high limit
 - c = replacement value

* for a, b, or c = null value

- for a, b, or c = blank

for diskette data entry check

nnn=000

a=0

b=0

c=*

3. 3–10. same as parameters 1, 2.

Range checking for all parameter groups occurs before any replacement and no replacement takes place unless all tests are satisfied. The results are returned to the user in the LDA as explained above.

Examples: Test to see if position 47 of a record with a key of SCKEY1 contains a blank. No replacement value.

AXZPX0 SCKEY1,047—*

If position 103 of a record whose key is SCKEY1 contains a 1, 2, or 3, change byte 22 of a record whose key is SCKEY2 to an X.

AXZPX0 SCKEY1,10313*,SCKEY2,022**X

Among the anticipated uses of the procedures are procedure control, interface testing, and testing of system tailoring options selected by the user.

The procedure issues an appropriate message and cancels if a specified record is not found or a byte location is not between 9 and 128.

AXZP09

Function

OCL message handler

1. Display menu name and option number if parameter 5 is MENU.
2. Display parameter 5 if it is not blank and not MENU.
3. Display parameter 3 if it is not blank.
4. Display menu if parameter 1 is not blank.
5. If executing in JOBQ, clear the checkpoint record if parameter 4 is CLEAR.
6. Perform action if specified by parameter 2.

Parameters

1. 4-digit message number.
2. Action code
 - PAUSE = pause
 - CANCEL = cancel (see note)
 - BOTH = pause, then cancel (see note)
 - FLAG = put ‘F’ in LDA position 242
 - REPORT = print LDA, then same as BOTH
 - blank = issue message only
3. Variable name or data to clarify message (e.g. file-name for FILE NOT FOUND).
4. Checkpoint control
 - CLEAR = checkpoint record is cleared if in JOBQ
 - blank = checkpoint record is unchanged
5. MENU = Display menu name and option not blank = display parameter 5
6. Procedure name to display on LDA printout (required if parameter 2 is REPORT).
7. Program name to display on LDA printout (optional as applicable if parameter 2 is REPORT).

When REPORT is the second parameter (action code) a report prints for use by the customer or the SE to assist them in correcting problems. This report shows:

1. Menu name and option number
2. Procedure name of the lowest level meaningful procedure
3. Program name, where applicable
4. LDA with standard architecture fields formatted and remainder unformatted.

The purpose of the report is to provide printed information for review by someone other than the operator when a problem occurs that is beyond an operator's ability to correct; for example, record missing in SYSCTL or a broken chain.

AXZP30

Function

Delete files from fixed disk

Parameters

1–10. Labels of file(s) to be deleted.

AXZP31

Function

Copy and rename file from fixed disk to fixed disk.

Parameters

1. Input file label
2. Output file label
3. Optional – delete code position
4. Optional – delete code character
5. Optional – retain for output file (default T)
6. Optional – preferred spindle placement (default–A1)

AXZP32

Function – delete J files from fixed disk

Parameters

1–10. Labels of J files to be deleted.

Note: If a file label is passed which is not a J file, it will be ignored.

AXZP55

Function

Provide console operator with retry/reschedule options for JOBQ procedures that can't execute for reasons such as conflicting procedures, out of sequence, etc. This procedure displays the menu name and option number to the operator at the start of execution.

Parameters

1. Name of mainline procedure originally called by menu option.
2. Name of mainline procedure in JOBQ.
3. 4-digit message number of message describing conflict.

The procedure AXZP55 is for use only in job queue procedures.

AXZP60

Function

Prompt console operator for diskette insertion and create a fixed disk file from a diskette data entry file of same name less the 'M'.

Parameters

1. Diskette file name
2. ADD

AXZP98

Function

JOBQ procedure checkpoint

1. Test to ensure that previous JOBQ procedure completed and if not, place current job back on JOBQ and initiate restart procedure, AXZP99.
2. Save (on fixed disk) LDA, user switches and restart status of current job.
3. Put ID of next procedure section to be executed in LDA position 239.
4. If in recovery, when ready to restart next procedure section, place R in LDA position 242 and turn off recovery indicator.

Parameters

1. Procedure name (required for first call and must be omitted for each subsequent call in the same procedure).
2. 1-byte procedure section ID (arbitrary designation of where a procedure may be restarted or not restarted). It should be an alphabetic character A through Z.
3. Status
YES = can be restarted
NO = cannot be restarted
CLEAR = end of procedure

Section 3. Architecture

This section describes the parts of the overall design of MAPICS and the standards and conventions used in its development.

Standards and conventions

Report formats

Headings for non-special form reports conform to the following conventions:

Start pos	Length	Field data
4	15	Company name
22	6	Constant 'NO', one space, company number (There are two exceptions to company number: 1) If the user does not have multiple companies, the constant NO. and the company number may be left off report headings. 2) In some situations, such as pricing reports, there is no company dependency. In this case, the company name does not necessarily print in the heading.)
Centered (29–84)		Report title
86	13	Constant DATE, one space, edited date
101	13	Constant TIME, one space, edited time
116	9	Constant PAGE, one space, page number
127	6	Program identification. (The program identification is the 5-position program name. Wherever multiple reports are printed from a single program, the 5-position program name will be appended with a 1-position suffix for differentiation.)

Possible second line to print when transaction output must be identified:

116	9	Constant BATCH, one space, batch number
-----	---	---

All forms are designed so that the left tractor of the printer does not have to be moved once the machine is installed.

Naming conventions

All program names, procedure names, and other library module names, data names, labels for tag statements, subroutine labels, file names, array names, and any other identifier created in application development are composed of only the letters A–Z, and the numbers 0–9, \$, #, @. Other special characters are not used for other than printed or displayed program output, with the exception of file labels which contain an embedded period.

Files

A file name is 6 meaningful characters. File labels are the same 6 meaningful characters with a two-character prefix.

X.YYYYYY

Position 1 – M for all files except Data Entry Transaction files.

or

L for all Data Entry Transaction files.

Position 2 – “.”

Positions 3–8 – meaningful file name (CUSMAS, TAXTBL, EMPMAS, etc.)

Programs

Program names are five characters.

AMann

Position 1 – A

Position 2 – industry offering (M = MAPICS, X = Cross-industry)

Position 3 – application designator

Positions 4–5 – unique identifier

Application designators (position 3) for MAPICS are:

- G – General Ledger
- A – Accounts Payable
- P – Payroll
- B – Order Entry and Invoicing
- I – Inventory Management
- R – Accounts Receivable
- S – Sales Analysis
- E – Product Data Management
- M – Material Requirements Planning
- C – Production Control and Costing
- D – Data Collection System Support
- X – Cross-Application Support (non-resident)
- Z – Cross-Application Support (resident)
- K – Diskette Load/File Conversion
- V – Multiple Applicate Usage

Program screen IDs are the five-character program name, with a one-character suffix; (1–9, A–Z).

Procedures

Procedure names are 6 characters.

AMaPnn

- Position 1 – A
- Position 2 – industry offering (M = MAPICS, X = Cross-Industry)
- Position 3 – application designator
- Position 4 – “P” (for procedure)
- Positions 5–6 – unique identifier

Menus

Menu names are six characters.

AMaMnn

- Position 1 – A
- Position 2 – industry offering (M = MAPICS)
- Position 3 – application designator
- Position 4 – menu (“M”)
- Positions 5–6 – unique identifier (starts with 00)

Menu source names

Source for display text is the menu name with “DT” appended.

Source for the command module is the menu name with “##” appended.

SFGR source names

Source SFGR specification names are the associated RPG program names with “FM” appended.

Libraries

Library names are six characters.

AMaLIB

- Position 1 – A
- Position 2 – industry offering (M = MAPICS, X = Install/Tailor)
- Position 3 – library type A = Application, M = Maintenance, K = Conversion/File Load, X = Install/Tailor

Positions 4–6 – “LIB” to designate LIBRARY

Command function key usage

The following standards apply to the way command function keys are used in MAPICS:

- If a display is presented and the operator wishes to select an alternate screen, he indicates this via a command function key.
- Input data is ignored when a command function key has been used.
- Command function key 01 is used to “resume entry.” This command function key is used when the operator has been doing some operation on the transaction file other than basic data entry. It reestablishes the operation at the correct display for the next record type to be created. The transaction will be written in the next available physical location of the entry file. If the display is not the one required, the operator can request another display using a command function key.

- Command function key 02 is used to page forward. This command function key causes the program to follow the chain pointer of the next data record (NXTRC) from the current location—that is, from the relative record number of the last record displayed. The scroll factor defaults to one if an override factor was not entered. When the next record is retrieved, the batch number is checked to make sure it is current. If the retrieved record is valid, it is written to the display in the correction format. A non-displayed, protected character is put into the format so that if the operator changes something and presses ENTER, the mode is readily identifiable as correction. If NXTRC is all nines, the program puts out a last record message with the format. If the next record retrieved is not valid, the program reputs the previous transaction, with a last record message. PAGE FORWARD is ignored in normal data entry when the record is being put at the end of the previously entered records. When, in review mode, the message END OF DATA appears when forward or backward pointers become nines or when the batch number changes in a page forward review.
- Command function key 03 is used to page backward. This command function key causes the program to follow the chain pointer of the previous data record (PRVRC) to the previous record in the transaction file. It is used to review a record as well as to position the program for correction and insert. Upon retrieving a valid record, the program writes the record to the display in the correction format meaning that a non-displayed protected code is embedded in the display. If PRVRC is all nines, a last record message appears with the format.
- Command function key 20 is used to delete a data entry batch of transactions. When it is used a display is returned to the operator so she can confirm that the batch should really be deleted.
- Command function key 22 is used for selecting an options display. Where appropriate, regular entry displays may display the command key options available to the operator. In any case, there is always at least one command function key option shown on each data entry display.
- Command function key 23 can be used to exit certain advanced manufacturing file maintenance programs without going through the status display. On displays where “end of job” and “status” are both allowed, CK23 is for status function and CK24 is for end of job.

- Command function key 24 is used for end of job in data entry programs. When the operator uses CK24, the data entry program returns a “status” display. From the status display the operator may:
 - Delete the batch — CK20
 - Suspend the batch — CK23
 - Close the batch — CK24
 CK24 is used for “end of inquiry” from inquiry programs. CK24 is used as a “cancel” command from the “run time options” display.

Summary of Usage

The use of the different command function keys is summarized below. The exact use of a key is described on the display where that key is allowed to be used.

File Maintenance

Select	CK23 CK24 CK24	display status (see note) display status end of job (see note)
Add, Change, Delete	CK18 CK19	refresh display return to select
Status	CK24 “ENTER”	end of job return to calling display

Note: CK23 is used for status when both status and end of job are shown on the same display. CK24 is used for end of job.

Data Entry

Entry	CK03 CK17 CK24 “ENTER”	page backward accept with error display status accept transactions
Review/Insert	CK01 CK02 CK03 CK17 CK20 CK24 “ENTER”	resume entry page forward page backward accept with error delete record (N/A for insert) display status update/add the record
Status	CK20 CK23 CK24 “ENTER”	delete batch suspend batch close batch return to calling display

Options

	CK19 CK24 “ENTER”	reselect options (N/A for first display) cancel the job end of job
Inquiry	CK24	end of job

Packaging

The following is the general guide for packaging MAPICS and includes:

- Application source programs diskettes
- Application object programs and procedures/menus diskettes
- Installation/tailoring diskettes
- Conversion/aids diskettes

The following conventions are followed for ease of program/library manipulation.

Diskette naming

AMabnn

- a = application designator
- b = S for source
O for operational (load and procedure modules)
- nn = 00 for application installation/tailoring diskette
01–99 for others (assigned sequentially)

Diskette contents

Each application has packaged all its load modules and procedures into one file labeled AMa001. This is a multivolume file residing on format 2 diskettes that are labeled AMa001.

Each application has packaged its source modules into multiple diskettes, with one file per diskette. The file name is the same as the diskette label. Each file includes a special procedure whose name is the same as the filename.

AMabnn rebuilds the diskette from library members existing on fixed disk.

Diskette format

These are one-sided, format 2 diskettes.

Additional diskettes are included to contain the programs and procedures to support MAPICS as a whole:

- AMX000,AMXS00 — System tailoring, file sizing, cross-reference
- AMZ001,AMZS01 — Chain validation, file reorganization, save/restore, security
- AMVO31, AMVO32, AMVO33, AMVS01, AMVS02, AMVS03, AMVS04 — Inter-application support
- AMKO21,AMKO22, AMKS21,AMKS22, AMKS23 — File load
- AMKO11,AMKO12, AMKO13,AMKS11,

AMKS12,AMKS13,
AMKS14 — File conversion

Messages

Messages in MAPICS have three levels of severity:

Error — An error is given for data that does not conform to the logic of the system and must not be allowed to enter the system.

Warning — A warning is given for data that is logically incorrect but *potentially* is accurate in content.

Information — An informational message is additional information where appropriate. No operator action is required.

All messages follow a common format as follows:

AAAA-NNNN text of 40 or less characters

Position 1 — severity: E – ERROR
W – WARNING
Blank – information

Position 2 — Blank

Position 3 — A – Atlanta

Position 4 — Industry code M = MAPICS

Positions 6–9 — number assignment

For example: E AM-1010 FIELD UNIDENTIFIED BY . .

Messages are displayed with the data entry or file maintenance display on which the error occurred. All fields are input capable and those fields in error are displayed in reverse image. The messages are in the lower left corner of the display.

All messages are stored in and retrieved from MAPICS message member AMZ09. RPG programs retrieve messages using the RPG subroutine SUBR23.

International date format

All MAPICS applications support three date formats for display (screen or printer). You select them during system tailoring. The data is placed in a DTFMT field in position 34 of the System Control file record XMREPT. The procedure AMZPX1 places the contents in the LDATE field in position 219 of the LDA. The values for DTFMT and their meanings are:

- 1 = MDY
- 2 = DMY
- 3 = YMD

You must respond to the system tailoring question with the same format as your system configuration. All dates stored on disk are in YYMMDD format.

Field names

All data base field names are five characters in length. When the local data area contains a data base element, the field name for the local data area in RPG programs is the same name as the name of the data base element. An exception to this is made when the data base file record and LDA field are both referenced in the same program. In this case, a six-character work field name may be assigned to the LDA.

Work fields (areas) use a six-character name. When logically related to a specific data base field name, the work field uses the five characters of the data base field name with a sixth character appended.

Indicator usage

Indicators not used in a program are available to you and IBM as follows:

IBM will use the lowest available indicators first and use them in ascending order from there.

You should use the highest available indicator first and use them in descending order from there.

Relative record numbers

- For coding consistency across applications, all relative record number fields are the same size. A four-position field containing seven digits packed is used for any data fields that contain relative record numbers (RRNs). This is also consistent with the capacity count fields specified in the M.SYSCTL CD records that define files. The end of relative record number chains is designated by “999999” and not “END . .”.

System Control file

The System Control file (M.SYSCTL) is an integral part of the overall design of MAPICS. It contains all the information about how the applications are to execute in a particular installation:

- Which functions are to execute
- Report option chosen
- Interfaces chosen
- Sizes of all files
- Constant information about the company

The XMREPT record indicates which applications are installed, which applications will interface, and which applications have activated interfaces. Position 31 of the XMREPT record is a one-position alphameric field named REUSE. A 1 in this field is posted by the questionnaire if the option is to reuse the data entry area and not to save the data entry transaction batches. A 0 is posted to the field by the questionnaire if the application is to retain all transaction batches between master file saves. Data entry programs/procedures test this field to determine which option is in effect.

There may be up to 20 companies, numbered 01–20. Company 01 is the “primary” company. There are 20 records in M.SYSCTL to support the companies.

Data entry transaction files are formatted through system tailoring options for:

- ISGNO — Number of work station segments (batches)
- ISGSZ — Number of records per work station segment (batch)
- DSGNO — Number of diskette entry segments (batches)
- DSGSZ — Number of records per diskette entry segment (batch)

Other capacity count fields updated in the CD records include:

- UCAPM — Record count capacity of file, including control records for direct files. Determined by file sizing options.
- UCNTM — Total data record count, including “deleted” records, but not including control records or “available” formatted data records of direct files. Posted by file maintenance and master file update programs.
- UCTLM — Count of file control records, as opposed to user data records. Determined by VTOC create/file format program.
- UDELN — Count of records tagged for deletion by maintenance or master file update programs.

UMAXM — Largest record count reached in UCNTM field.

The UMAXM field is automatically updated during the save processing if UCNTM is greater than UMAXM. This is sufficient for fairly stable files; however, applications which have files whose record count typically increases and decreases considerably during a normal processing cycle provide additional updating of UMAXM to ensure that this field reflects a true upper limit.

For layouts of the System Control file records, see Section 5.

Local Data Area (LDA) usage

The common or architecture area of the LDA encompasses positions 201 through 256. Architecture, security, and system tailoring/file sizing programs and procedures all use some of these positions. The positions and their usage are:

Position	Field name	Usage
201–206		Reserved for future architecture requirements
207–207	DICTL	Diskette initialization control byte
208–208	MAGCD	Magazine support code
209–212	MNUNO	Log of menu calls by AXZPX4
209–210	MNUMN	Last two characters of menu name
211–212	MNUOP	Menu option number
213–213	ZCTL1	System Tailoring Procedure control byte 1
214–214	ZCTL2	System Tailoring Procedure control byte 2
215–215	BKRCV	Byte to indicate if save (B) or restore (R) is in progress
216–216	REORG	R—procedure running in reorganization mode
217–217	REUSE	Data entry batch reuse code
218–218	INDCD	Industry designator (M for MAPICS)
219–219	DTFMT	Date format for display or printer (1 = MDY, 2 = DMY, 3 = YMD)
220–226	SEGAD	Segment control record address (RRN) for data entry
227–227	SEGST	Segment batch status for data entry
228–228	DEPFX	Segmented data entry file label prefix (L for MAPICS)
229–229	MFPFX	Other files—label prefix (M for MAPICS)
230–230	LBPFX	Second character of library name
231–235	RETRN	Return status bytes from AXZPX0

Position	Field name	Usage
236–241	CHKPT	JOBQ checkpoint/restart control—AXZP98
236–236	USRSW	User switch bits
237–237	LSTS1	Y/N—restartable or not
238–238	LSTS2	Clear code
239–239	SEGID	Procedure segment ID
240–241	RSTNM	Last two characters of restart procedure name
242–242	CANCL	Program/procedure communication byte, also return status from AXZPX0
243–244	—	Reserved for future requirements
245–245	APCOD	Application designator
246–249	PSSKY	Scrambled security password (key to security file)
250–251	SCTY1, SCTY2	Security bits for current application and password
252–254	USRID	Operator identification from security file
255–256	WKSID	Work station symbolic identification

Application interface implementation/activation

Application interfaces are set and tested using the XC record XMREPT in the M.SYSCTL file. See the record layout for XMREPT in Section 5.

The diskette resident system control file, DSKCTL, on the installation/tailoring diskette for each application contains an XMREPT record unique to the application. When it is shipped to you, the only data in the record is a one-position application designator in a specific position (within 12–27) assigned for that application and a bit turned on in APBIT or APBT2 as assigned to the application.

The installation/tailoring procedures merge the data from the incoming XMREPT record with the existing XMREPT record M.SYSCTL on the system. Any application that tests for the existence of another installed application, checks for the appropriate application code in the assigned position for that application. If an application is not yet installed, the assigned position is blank.

During the installation/tailoring run, you are asked to supply responses to the questionnaire. An application questionnaire asks “Are you going to interface with the . . . application?” If the answer is yes, a 1 is placed in the appropriate interface definition field of XMREPT. If the answer is no, a 0 is placed in the field.

The interface fields are as follows:

Field name	Data is passed: From	To
PRGLI	Payroll	General Ledger
APGLI	Accounts Payable	General Ledger
ARGLI	Accounts Receivable	General Ledger
APPCI	Accounts Payable	Production Control
PRPCI	Payroll	Production Control
DCPRI	Data Collection	Payroll
IMPCI	Inventory	Production Control
IMDCI	Inventory	Data Collection
IMSAI	Inventory	Sales Analysis
IMEDI	Inventory	Product Data Management
BIRPI	OE&I	Requirements Planning
BISAI	OE&I	Sales Analysis
BIARI	OE&I	Accounts Receivable
ARSAI	Accounts Receivable	Sales Analysis
PCDCI	Production Control	Data Collection
DCIMI	Data Collection	Inventory
RPIMI	Requirements Planning	Inventory
DCPCI	Data Collection	Production Control
PRDCI	Payroll	Data Collection

The remaining interface fields are not currently used by MAPICS.

See the XMREPT record in SYSCTL in Section 5 for field positions.

These fields can have the following values:

- 0 Interface function not selected
- 1 Interface function selected but not activated
- 2 Interface function selected *and* activated

Independent of the questionnaire is a program callable from the master menu that allows you to activate (or deactivate) any interface where the two related applications have been installed and where their questionnaire responses indicate that there is going to be an interface at some point in time. If an interface is activated a 2 is posted to the proper interface position. If a 1 is found, interface files may be created, but data is not passed.

XMREPT also contains three one-position fields per application to be defined and used where needed by the applications as interface flags for showing the status of interface data/files. These flags are:

APXX1	EDXX1	PCXX1
APXX2	EDXX2	PCXX2
APXX3	EDXX3	PCXX3
ARXX1	GLXX1	PRXX1
ARXX2	GLXX2	PRXX2
ARXX3	GLXX3	PRXX3
BIXX1	IMXX1	SAXX1
BIXX2	IMXX2	SAXX2
BIXX3	IMXX3	SAXX3
DCXX1	MRXX1	
DCXX2	MRXX2	
DCXX3	MRXX3	

See the data base record in Section 5 for field positions.

Interface files

Programs that use files conditionally if an interface is selected or an application is installed condition the file on a user switch. Sets the user switch based on a file existence test (IF DATAF1). If the disposition of the file on the file statement is OLD or SHR, the file statement itself is conditioned on the same file existence test. The SSP issues a terminal error message if OLD or SHR is issued on a file statement and the file does not exist, even if the program does not need the file.

Figure 3-1 illustrates how an interface works between applications A and B without an interface file. Figure 3-2 illustrates how an interface works between A and B with an interface file.

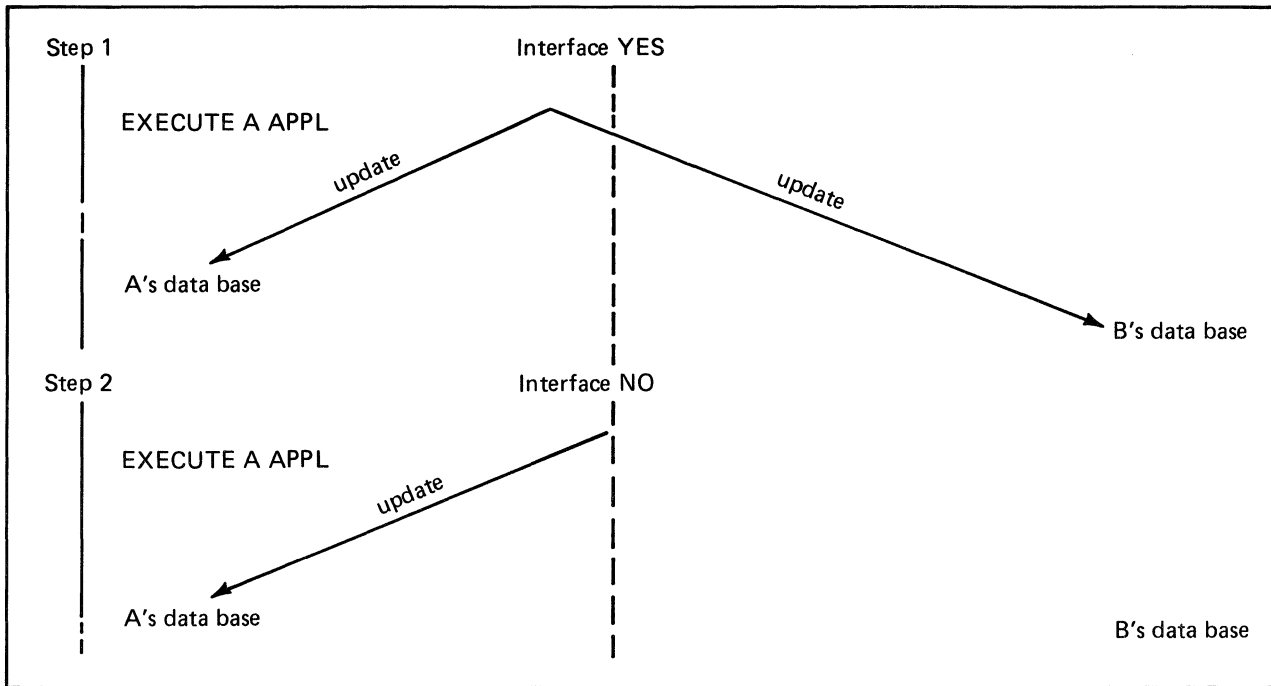


Figure 3-1. Interface without an interface file

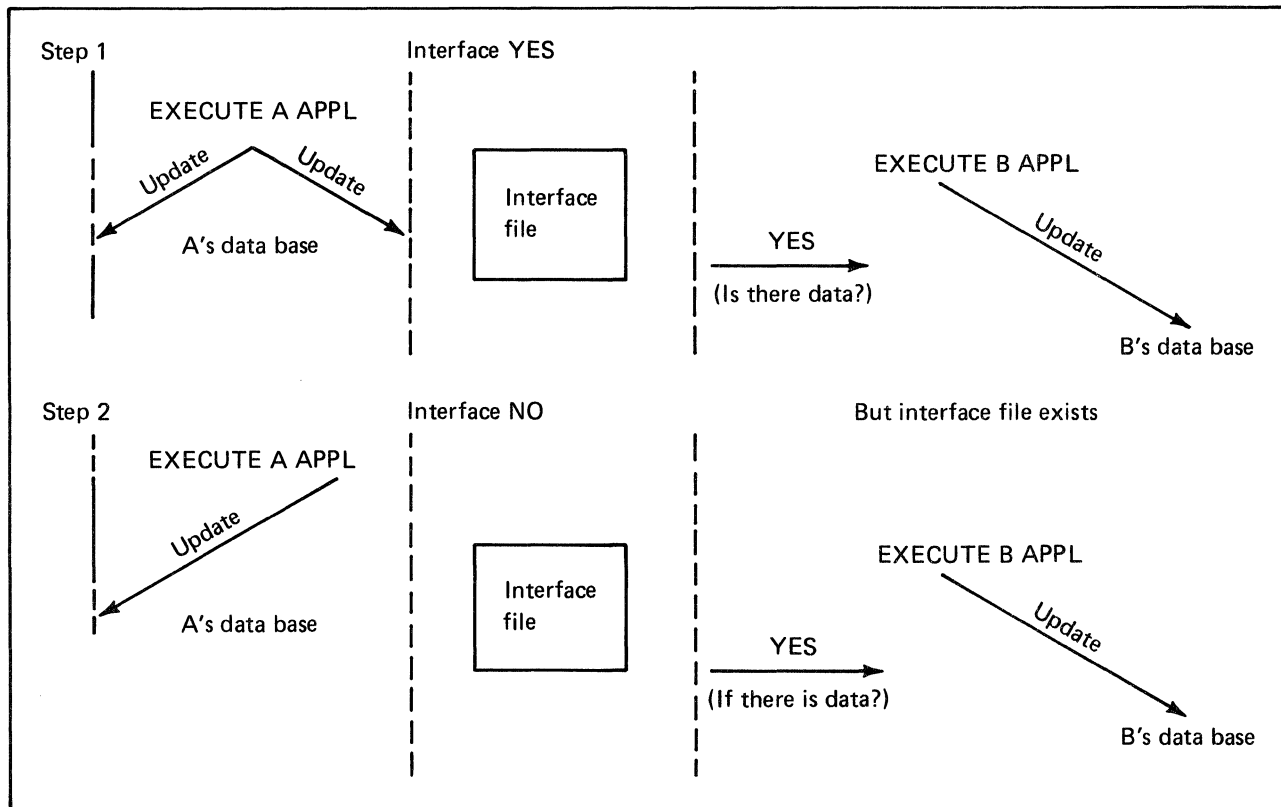


Figure 3-2. Interface with an interface file

Specification of accounting cycles

Eight of the applications use either a 12-month or a 13-period accounting cycle:

General Ledger
Accounts Payable
Payroll
Data Collection System Support
Inventory Management
Order Entry and Invoicing
Sales Analysis
Accounts Receivable

As the same accounting cycle must be used by all companies across all applications, the accounting cycle information is stored in the FSCPR field of the XMREPT record of the System Control file. This record is shipped with each of the eight applications, and each application includes the tailoring question about accounting cycles.

File control techniques

Coding techniques are included to control the way records are updated within a file. Because of the on-line updating capabilities of the System/34, MAPICS requires a method to verify that two users at different work stations do not retrieve and update the same record at the same time.

Sector lockout

Sector lockout is accomplished by using a separate file (SYSLOK) to control simultaneous updating of one or more files.

Record one of the SYSLOK file is used to control the sequence of events during critical updates of shared files. This record is read for update prior to any cycle in which either of the following may occur:

- Update records from more than one shared file held simultaneously.
- Direct file chains and/or pointers are being altered in shared files.

The record is written back to the SYSLOK file at cycle completion. Capacity control for direct files requires that the lock record be accessed first, then all detail and control records be updated, then the 'lock' record be released.

Sector unlock

When a disk write is issued to an update file and no data is specified, the system releases any queued sectors but does not perform any disk I/O. Therefore, an RPG output specification with either no fields specified or all specified fields conditioned by indicators that are off accomplishes the unlock.

File reorganization

No "automatic" reorganization of data files exists for cross-application use. All reorganization of data files is under your explicit control. You are given a tool to print the status of all application files, having CD definition in the system control file.

Index sequential files with inward relative record pointers, such as Item Master and Work Center Master, are organized by using an RPG program to create a replacement master file and a file containing the old-versus-new relative record numbers of master file records. After the replacement file creation, all other files with pointers to the master file are updated by using the old-versus-new RRN file. The old master file is then deleted and the replacement file becomes the new master file.

Direct files are reorganized by following the primary chains and writing a new file while creating the old-versus-new relative record file. All other files with pointers are then updated using the old-new file.

Reorganization procedures

File reorganization is executed from a screen that displays file statistics. The operator indicates which of the files displayed are to be reorganized and enters an appropriate code ("R" for reorganize). When all the files have been displayed and ENTER is pressed, the program comes to end of job, and the application procedures are automatically invoked for reorganization.

Control for this mechanism is maintained through the CD records in SYSCTL. The REORG field in position 31 of the CD record is updated with a 2 by any program that detects severe file problems such as broken chains. With less severe problems, such as a file whose record count is approaching the capacity limit, a 1 is posted to the REORG field. Subsequent programs test the REORG field and issue an appropriate warning or terminal error message.

The CD record also contains the name of the file's reorganization procedure in the RPROC field positions 61–66. These names are extracted from the CD record, placed into a procedure, and executed based on selections by the system console operator.

All application reorganization procedures (programs) set the REORG indicator (position 31 of CD record) to blank. They also rebuild “valid” counts in the count fields of the CD record.

For indexed files with no invalid pointers, the reorganization procedure is structured as follows:

- \$COPY with REORG-NO, dropping records tagged for delete, to build a temporary, indexed (M.) work file.
- \$DELET original file
- RPG program — read work file records sequentially by key and output original file; reestablish counts in CD record and set position 31 to blank.

Security system

Because of the online capabilities of the System/34, a security system is provided in MAPICS to help control access to the information stored in the system. It is implemented within the procedures of each application.

Every first-level procedure includes the following OCL statements:

```
// AMZP01 a,xxyy, (LOGIT) ,ff, (NTST) ,(gg),(hh)
                NOLOG TEST
```

The parameter associated with this command are:

- a = Application designator
- xx = Last two characters of the name of the calling menu
- yy = Option number selected on the calling menu
- LOGIT = Add an entry to the application logic file. NOLOG does not add the entry. LOGIT is the default if omitted.
- ff = Two digit security function number associated with this job (00–16). 00 = no security associated with this job. 00 is the default if omitted.
- TEST = Perform SYSCTL byte testing and/or replacement using data in LDA positions 1–60 as input. NTST requires no testing. See writeup of AXZX0 for description of this function. NTST is the default if omitted.
- gg = Alternate security function number (00–16 — operator is authorized if cleared for either function number specified by ‘ff’ or ‘gg’). 00 = no alterante. 00 is the default if omitted.
- hh = Additional security function number (00–16 — operator must be cleared for ‘hh’ and either ‘ff’ or ‘gg’). 00 — no additional security. 00 is the default if omitted.

Example: Payroll Employee Master file maintenance is selected. The associated procedure includes the following OCL:

```
AMZP01 P,1-01,,03,TEST
```

This indicates the following:

- a. The job was initiated by selecting option 01 from the Payroll menu AMPM10.
- b. The job will be logged.
- c. The operator’s password must be cleared for Payroll security function #3 if the user specified that function #3 required security protection.
- d. Testing will be performed on SYSCTL bytes specified in the LDA.

The security system requires the existence of two files, M.APPCHK and M.SYSCTL, in order to operate, and another file, M.SECFIL, to perform maintenance on M.APPCHK.

M.SYSCTL requires a CD record with the key APPCHK and with its UCAPM field set to 108.

M.SECFIL provides the descriptions associated with an application’s security function. Each record consists of a three-byte key and a 40-byte function description.

The record key is the one-byte application code and a two-digit function number.

M.APPCHK is the security file. M.SYSCTL and M.SECFIL must exist prior to creating M.APPCHK.

To add or change passwords, enter the prompted data. To change master requirements for an application, enter a password of ****, the application code, and an action code of C.

File capacity

To track the number of records remaining to the capacity of a file, the following fields defined by each file's CD record in M.SYCTL are updated by every program that adds or deletes records from the file, reorganizes the file, creates the file, changes the size of the file, or in any other way changes the count fields as defined below:

- UCAPM — Record count capacity of the file, including control records if required. This field contains the value determined during system tailoring/file sizing.
- UCNTM — For nondirect files-total count of all data records currently residing in the file, including records tagged for deletion, for direct files-total count of all records in the ACTIVE chain, but not including control records. This field is modified by an program that affects the number of active records in the file.
- UCTLM — Count of control records within a direct file. This count field is updated by the VTOC create/format program.
- UDELN — Count of records tagged for deletion reside in the file. Direct files do not have any records tagged for deletion. A record deleted from a direct file is simply placed back into the "available" chain.

The number of records remaining to capacity is determined by the following formulas:

Direct Files

UCAPM – UCNTM – UCTLM – Session adds +
Session deletes

Indexed and Sequential

UCAPM – UCNTM – UCTLM – Session adds

Data entry

Methods

Three methods of data entry are provided for in MAPICS.

Online entry/edit and update. Transactions are entered at work stations and are applied directly to master files. The transactions are edited, and system-detected errors are returned by displaying erroneous fields in reverse image with associated error messages. After the fields are corrected, the master files are updated.

Online entry/edit with later batch edit and update. This is the same as the online entry method above, except that transactions are written to a transaction file instead of directly updating master files. When all transactions are entered, the data entry program is closed, and the transaction file is submitted to the batch job queue for further processing. During batch processing, another edit occurs (minimal, if master file record exists), and the master files are updated.

Diskette entry with later batch edit and update. This method uses the IBM 3740 Data Entry System or Data Collection System Support to put the transactions on diskettes. The transactions are then entered into the system from the diskettes.

Transaction file format

Each data entry program has one direct file divided into as many segments as the user specifies during system tailoring. Each segment has its own control record.

The following fields are included in control records:

Field name	Contents
BSTAT	Status code blank available for use A active for a work station S suspended (more data may be entered later) C closed (available for update processing) U in processing (update) F update is finished D deleted batch
BATCH	Batch number
WSID1	Work station ID of the originator of the batch
WSID2	Work station ID of the last work station attached to the batch
OPID1	Operator ID of the last operator attached to the batch
UTIME	Time of day at start of update run
MODAY	Month and day at start of update run
BCNTM	Number of data records entered in the batch (including "errors" and "deleted" records)
BDELM	Number of "deleted" records in the batch
BERRS	Number of erroneous records in the batch
BCAPM	Total number of records (capacity) that the batch can hold
FSTRC	Pointer to first available data record in segment
NXARC	Pointer to next available record for entry
NXCTL	Pointer to next control record (Relative Record number). Last interactive pointer is nines and last diskette pointer is nines
FDCTL	Pointer to the first diskette segment control record (appears only in the first segment control record)
RSBCH	Reset batch -umber (appears only in the first segment control record) is used to update the SYSCtl file during master file restore
RMVWS	Remove work station controls decrementing the active work station count during recovery of an abnormally terminated batch
(Unas- signed— designated by appli- cation)	Batch control—area for hash totals and other appropriate application controls

The following fields are included in the data records:

Data Records

RSTAT	Status
BATCH	Batch number
NXTRC	Next record address
PRVRC	Previous record address

Figure 3-3 illustrates these two records. The application logic manuals show the exact format of the batch file records as used in their applications.

Batch number

A data entry batch number is a sequential number kept by each application for audit and control information on data entered. The batch number is a three-position, wrap-around number that is packed into two positions for disk records. The application batch number is kept in a control record in M.SYSCtl. When a new data entry batch is started, the batch number in M.SYSCtl is incremented and then posted to the data entry segment control record in the data entry transaction file. Each data entry record that is subsequently entered into the batch is written with the batch number (same batch number as posted in the segment control record). The repetitive batch number in the data records provides a means for detecting "end of data" in the event that the system goes down and restart must be used to reestablish chains and batch control totals.

Online entry-overview

During data entry an operator may:

- Enter a record
- Correct a previously created record
- Insert a record between previously created records (not supported by all applications)

The mechanism for requesting these functions is the command function keys. Command function keys are used to page backward and forward through previously written records, as well as locate specific records. They are also used to select a specific record format for data entry or insertion.

Identical record formats may be presented to the operator; however, the action taken by the program depends on the previous function selection. Therefore, it is necessary to have a unique identifier or code in the screen format so that when the program reads the format, it can determine the intended operator action. This code, in conjunction with the physical location of the last record read/displayed, tells the program the mode of operation. It may influence the type of edits done, or indicate extra data needed. The code is usually a nondisplay bypass field.

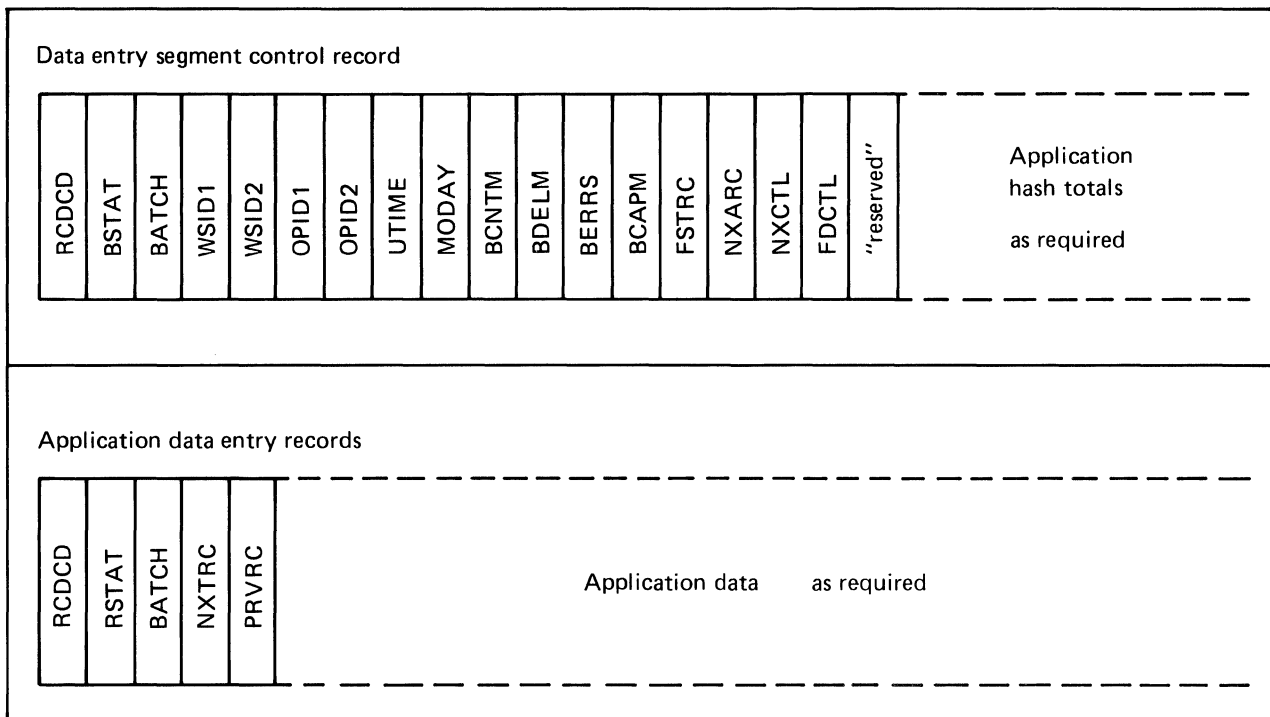


Figure 3-3. Segment control and data entry records

Those applications which require the retrieval of a specific record implement this function by having the display presented during the page backward or page forward functions hold an additional input capable field. This field is used to enter the line or sequence number of the record to be retrieved.

Command function keys which are standard for data entry are:

- CK1 Resume Entry
- CK2 Page Forward
- CK3 Page Backward

Diskette entry

Keyed transactions are transferred from diskette to fixed disk and sorted, if required, by the application. An edit list of all data records or optionally, errors only print on the system printer. A test is then made for an available diskette entry segment, in which to place the data records. If a segment is not found, a message is appended to the edit list, and the fixed disk file is deleted. If a segment is found, the segment control record is updated with BSTAT=S, WSID1=**, and BATCH=batch number (from system control file). Any records in error are written to the file with an E in ACREC and are not included in application batch totals (except record count fields). After adding data from diskette input to the data entry transaction file, the fixed disk work file is deleted. The user may then sign on through the data entry control display to 1) submit the "diskette" data for update, which accepts good records only and prints all error records in the batch, 2) correct error records through the work station keyboard, or 3) delete the batch, and make offline corrections.

Data entry control

Every data entry program is preceded by another program which establishes control and attaches the work station to an available (new batch), or previously entered (old batch) segment in the direct data entry transaction file. This control program displays a status display to the operator showing the status of all the data entry batches (segments) in the data entry transaction file. This status is a display of the control information in each of the segment control records “used” in the data entry transaction file. The operator chooses one of the reference numbers displayed in the left column to allow entry of a new batch or selective entry into one of the existing batches. Figure 3-4 shows an example of the payroll data entry control display.

In the case where no previous batches are entered, the operator sees only reference line 1 for the option to start a new batch. As each new batch is entered, its status and other relevant data is logged to its respective segment control record. Every segment control record with a nonblank status is displayed on the data entry control display when an operator first enters the data entry procedure.

“Start new batch” is always the first line after the heading information. The “start new batch” line also shows the number of available batches (segments) for data entry. In the case where no segments are available, the reference number 1 that normally appears on this line is not displayed nor is it a valid operator response.

Following the “start new batch” line is status information for each batch currently in the data entry file. The information displayed is in the same order as the control records are encountered in the file. There may be up to 999 batches (segments) per data entry file. If more than 13 segments have been used, the operator has to press CK02 to see the next page (display) of the next 13 batches, etc. The actual number of batches per application is determined during system tailoring for that application.

With one exception there is no display of a reference number for active batches—because an operator must not be allowed access to a batch that someone else is currently entering. The exception occurs when the program detects an active batch (segment) for the work station that just signed on. This is a condition that can exist only when data entry was previously terminated abnormally. An operator cannot leave a batch in an active status if normal end of job is reached. The operator must either close, suspend, or delete the batch when proceeding through a normal end of session.

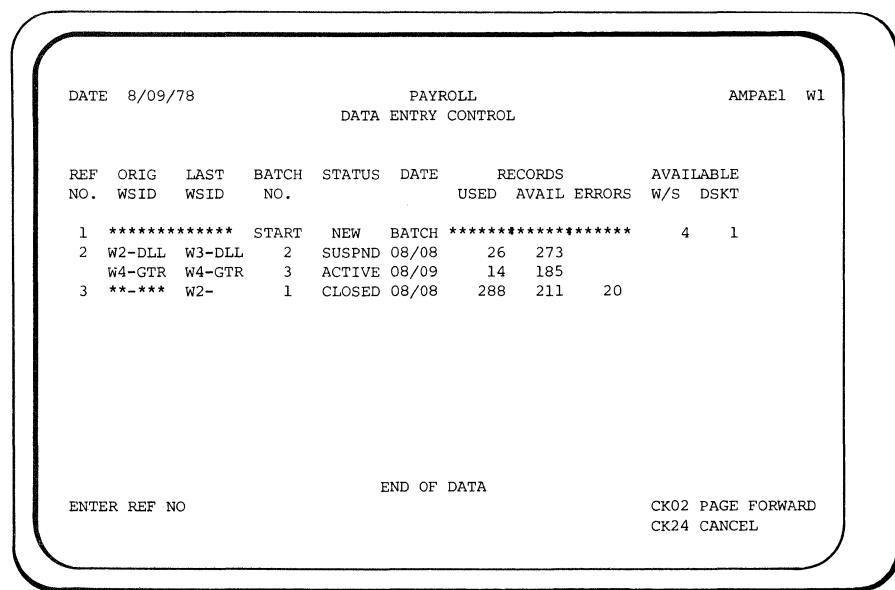


Figure 3-4. Payroll Data Entry Control display

For example, work station 2 (W2) was entering transactions into batch 081 when the system abnormally terminated earlier. Having just now signed on, the program detects an active batch already in existence for W2 and therefore, places a reference number on that line and displays ACTIVE status in high intensity. RECORDS USED, RECORDS ENTERED, and any other application batch controls for that batch are not displayed because normal end of job had not been reached, and totals had not yet been posted to the control record. The W2 operator should now get back into the interrupted batch to finish entering any data that may be missing and properly close the session by submitting the batch for update or suspending it for more data entry later. Note that the operator is not forced to go back to the interrupted batch; it is only logical that the operator would want to. Prior to displaying the status of an interrupted batch, the program reads all records in the segment to establish correct control information regarding record counts and application batch totals for data records in the segment. If the operator selects reference number 5, the operator may proceed to enter more data or immediately close the batch and update the control record with the appropriate control totals.

If the operator enters a reference number that is not displayed, an error message is displayed.

The normal sequence of steps in the data entry process are:

New batch

1. Find an available segment control record.
2. Get a batch number from M.SYSCTL and update the M.SYSCTL batch number.
3. Activate the segment control record to:

```

BSTAT = A
BATCH = batch number
WSID1 = current
WSID2 = current
OPID1 = current
OPID2 = current
UTIME = 0
MODAY = current
BCNTM = 1
BDELM = 0
BERRS = 0
NXARC = FSTRC
RMVWS = 0
RSBCH = batch number + 1 (located in first
segment control record only)
    
```

4. Place the batch control record address (relative record number), SEGAD, in positions 220–226 and the batch status, SEGST (N = new) in position 227 of the LDA.
5. Increment the transaction file active work station count and the number of segments in use.
6. Call the data entry programs.
7. Display the status display for the batch number.
8. Accept data
9. Terminate
 - a. Update control totals
 - b. Set batch status to C for closed or S for suspended, depending upon the operator's end-of-job response.
 - c. Display status

Old batch—normal

1. Operator selects batch by reference number on data entry control display.
2. Find control record with same batch number.
3. Update batch control record with:


```

BSTAT = A
WSID2 = current
OPID2 = current
            
```
4. Place batch control record address (relative record number), SEGAD, in positions 220–226 and the batch status, SEGST (0 = OLD) in position 227 of the LDA.
5. Increment the active work station count.
6. Call data entry procedure.
7. Display status display for batch number and totals including available file space.
8. Accept data.
9. Terminate same steps as new batch above.

Old batch—reconstruct

1. Call reconstruct procedure.
 - a. Follow the chain using batch number in data records
 - b. Reconstruct control totals
 - c. Decrement active work station count and set RMVWS to 1.
2. Operator selects batch by reference number on data entry control display where active status is shown in high intensity.
3. Update batch control record with OPID2 = current.
4. Place control record relative record number and status code (R) in LDA.
5. Increment active work station count.
6. Call data entry.
7. Terminate — same as new batch above

This table summarizes the segment attach program values for new, old, and reconstruct batches.

R — Reconstructed segment
 X — Selected segment for attach
 F — first segment control record

Input source	Field updated	Type	Formula/field	Condition
	BSTAT	X	A — active segment	
	BATCH	X	MBTCH + 1	New segment only
	WSID1	X	Current work station ID	New segment only
	WSID2	X	Current work station ID	New or old segment
	OPID1	X	Current operator ID from LDA	New segment only
	OPID2	X	Current operator ID from LDA	New or old segment
	MODAY	X	Current month and day	
		X	One (1)	New segment
	BCNTM	X	Recalculated value	
	BDELM	X	Zero	New segment
		R	Recalculated value	
	BERRS	X	Zero	New segment
		R	Recalculated value	
	NXARC	R	Recalculated value	
	RSBCH	F	Newest assigned batch number	
		X	Zero	
	RMVWS	R	Zero	
		R	Set to 1 if reconstructed	

All data entry is completed by displaying the status display to show the operator the control totals. The options allowed at data entry end-of-job are displayed on the status display:

- ENTER Resume Processing
- CK20 Delete Batch
- CK23 Suspend Batch
- CK24 Close Batch

With CK20, the status display is displayed again with a message to ensure that the deletion is really wanted. If CK20 is entered again, the deletion is assumed, and the following takes place:

1. The batch status is set to D.
2. The deleted batch is logged for audit purposes by the delete procedure.
3. The batch status is reset to blank.

MRT/NEP considerations

Many of the data entry programs within MAPICS are designed as Never Ending Programs (NEP) and are designed to support Multiple Requestor Terminals (MRT). This section discusses the considerations of using the MRT/NEP approach.

The MRT series approach to data entry requires an external control for the number of work stations executing at one time. This control originates with the segment attach program. For each MRT series, there is a two-byte numeric field defined in SYSCTL which holds the number of work stations currently executing a series of MRT's. The program initially reads all segment control records. When a segment is found to be active for the current work station, its active work station count in M.SYSCTL is decremented by 1. The active work station count field is in the CD record for the segmented transaction file for each application. The two-position numeric field ACTWS, is in positions 83 and 84 of the record.

The segment control record is flagged to prevent double decrementing in case this segment is not selected. The flag field is RMVWS (position 53 of the segment control record), and it has a value of 1 when the count has been decremented. When this segment is finally selected and attach is permitted, this flag is reset to 0. In case the segment is not selected, the work station count field does not prevent other work stations from initiating data entry.

When a segment is selected, the attach program checks the field in M.SYSCTL to see if the maximum number of work stations are already attached. If not, the active work station count field is incremented by 1, and the program ends. If the maximum count has already been reached, the program posts a C in position 242 of the LDA, and terminates.

The active work station count is finally decremented when the work station has completed the data entry session.

Applications use several fields passed through the LDA to establish MRT program communications:

- DMODE** — one-position alphameric field describing the display mode; for example, E-entry, R-review, I-insert.
- PGDIR** — one-position alphameric field describing the direction of paging; for example, B—backward, F—forward.
- TOPRC** — six-position alphameric field which holds the procedure name of the next procedure to be invoked.
- FMPRC** — six-position alphameric field which holds the procedure name of the procedure to return to.
- TOFMT** — six-position alphameric field which holds the format name to be displayed in the TOPRC (called) program.
- FRFMT** — six-position alphameric field which holds the format name to be displayed in the FRPRC (return) procedure.
- FMSTP** — six-position alphameric field which holds the from procedure name which invoked a status display.
- RRNXT** — seven-position numeric field which contains the address of the transaction file record to retrieve in review mode.

In each MRT program entering new records, the NXARC field is updated to reflect the next available location when the work station is released.

The batch capacity (BCAPM) minus the number of records in the batch (BCNTM) tell how many records are available in the segment. BCNTM is initialized to 1 to reflect the segment control record.

Work station limits

Each MAPICS application has predetermined the maximum number of work stations that can actively use a specific online function at one time. If there is a need to increase the number of work stations, consult Appendix B.

Figure 3-5 lists, by application, the functions that allow attachment of multiple work stations. The righthand column indicates the total number of work stations that can be actively using a specific function at one time. (Other work stations can be performing different functions.)

Note. In Figure 3-5, all functions with a maximum number of work stations greater than 1 are MRT/NEP (multiple requestor terminal/never-ending programs).

Application	Function	Maximum number of work stations
Payroll	Data entry (WRKHRS)	3
Accounts Payable	Data entry	2
Order Entry & Invoicing	Normal order entry	2
	Immediate release order entry	2
	Order maintenance	1
	Release order entry	2
Production Control & Costing	Order release data entry	2
	Shop activity data entry	2
Product Data Management	Product structure data entry	3
	Routing data entry	3
Accounts Receivable	Cash/adjustments entry	NR*
	Invoice summary entry	NR*
Inventory Management	Physical inventory	NR*
	Transaction entry	NR*
	Order release	NR*
General Ledger	Data entry	1
Material Requirements Planning	Inquiry/update	2**
	Order review	2**

*NR = no restrictions other than memory available and response
 **This function is a SRT (single requestor terminal) with a set restriction on the number of work stations.

Figure 3-5. MAPICS applications work station limits

Review/change mode

Three techniques are used in MAPICS depending upon the needs of the application:

- **Paging** — reviewing one transaction at a time.
- **Scrolling, detail only** — moving one line at a time through the history area. More than one detail transaction is displayed. The data entry area is used for the changes.
- **Scrolling, header and detail** — header information is placed at the top of the display and the detail is moved one line at a time through the history area. More than one detail transaction is displayed. The data entry area is used for changes.

All scrolling and paging is chosen by function command keys. Internally, the programs accomplish this using the relative record number pointers in the transaction records. Some applications allow direct access to a particular transaction using a reference number that is associated with the transaction. The reference number is displayed for the entry displays and is printed on the edit lists. Internally, the record is found in the data

entry file by its relative record number (reference number plus the control relative record number). The retrieval number must fall between FSTRC (first record of the batch) and NXARC (next available record of the batch).

Review/update mode

For the information scrolling through the history area, the review mode and update mode are synonymous.

Scrolling (or paging) is controlled by command function keys with a separate command function key used to resume entry mode.

A scroll factor option allows the operator to roll forward or backward by some factor, for example, 5 to 10 records at a time. If you change the scroll factor, and the data, the data is edited and changed, and scroll factor changed, when you press ENTER. The two-position scroll factor is the first input-capable field after the word REVIEW on the display. The field becomes input-capable after the page forward or page backward command function key is used, and a record for review is on the display. The operator may change the scroll factor when changing data by pressing ENTER. The operator may change the scroll factor by entering a new scroll factor, then pressing the review mode command function key again. The scroll factor defaults to one when the program returns to Enter mode.

Data record changes

When information is changed on the display and ENTER is pressed, the information stored on the disk is changed to reflect the new information. When a record is deleted, its ACREC is changed, and its amounts are deducted from the control totals. A deleted record is “gone” and will not appear again. It is impossible to reactivate the record; it must be reentered.

Capacity warnings

In data entry, a file “full” condition forces the display of the status from which the operator may take any option, except enter more data.

A warning message is displayed on the status display warning that capacity is being approached in the data entry batch when:

- Only 10 records are remaining to capacity, or
- Only 10 percent of UCAPM is remaining to capacity

Whichever gives the smaller number is used as the basis for displaying the message. The first time that this condition is detected by a program, the status display is forced with the warning displayed. At this point the operator can take any of the normal options from the status display, including a return to enter more data.

Section 4. Program descriptions

This section describes the programs that support the MAPICS applications (security, conversion, file load, and architecture). The programs are written using RPG II language specifications or SORT specifications. The program descriptions follow one format for RPG II and a different format for SORT.

RPG II program format

RPG II program descriptions are in three parts:

- Tables that define or summarize files, user switches, reports, and the LDA (local data area)
- A description of what the program accomplishes
- Tables that summarize edits in the program, edits by display, and messages that can be issued by the program

The first set of tables contains the following information:

Files—specifies the files that provide information to, exchange information with, or are created by the program. All input (I) files are listed first, followed by output (O), and update (U) files. Files within a grouping—I, O, or U—are arranged alphabetically.

The full file name appears first, followed by the system name (six characters), type of file (I, O, or U), disposition (OLD, NEW, SHR, NSHR), and mode of processing (random by key, random by relative record number—RRN, sequential by key, or consecutive).

User switches—specifies the user switch settings that are used by this program. If used, the switch values are listed; for example, U1 on, U2 off.

Reports—specifies the name of the printed report produced by the program. The full report name is followed by the user switch (if any) used when printing the report.

LDA (Local Data Area)—specifies the fields received by or passed by the program. The LDA has 256 bytes, of which the last 56 positions (201–256) are reserved for the MAPICS architectural control.

Description—briefly describes the logic and functions of the program.

The opening paragraph identifies the reason the program is executed, any common processing routines that apply, and any relationship between the program and other programs. There are also four standard headings in the description: Initialization, Detailed Processing or Display Processing, End-of-Job Processing, and User Exits.

- *Initialization* discusses events that occur only once, at the beginning of the program, before detailed processing logic begins.
- *Detailed processing* discusses the detailed steps in the processing logic (excluding those steps handling displays).
- *Display processing* describes how the display is used by the operator, conditions that cause the display to appear, expected entries, special considerations, and processing steps.
- *End-of-job processing* discusses events that occur only once, at the end of the program, after all detailed processing is complete.
- *User exits* (if applicable) lists any labels coded into the program that the user can use to insert code to modify the application code.

The last part of the program description contains three tables:

Display action summary—lists all displays by display ID in ascending alphanumeric order. Each display ID is followed by the Operator action, Description, and Program action.

- *Operator action* shows all the possible operator responses to the display: valid command function keys, invalid command function keys, ENTER key action when there are no errors, and ENTER key action when there are errors.
- *Description* shows the edits or paths taken by the program as a result of the operator's action.
- *Program action* shows the action taken by the program in response to the operator's action.

Edit matrix—specifies the tests performed on each field by record type (record code) or by display (display ID), whichever is applicable to the program. The matrix includes the number of the message and the cause or edit that flags the field as being in error.

Messages—lists, in ascending numeric order, each message generated by the program. For each message, the four-position numeric field and the full text of the message is shown.

The full text of each message is stored in a message member in the program library, not in each program using that message. Only the message numbers are stored in the programs. The system retrieves the text using the message number as a key.

SORT specification format

The following information is supplied for each set of SORT specifications:

- *Purpose* states why the sort is executed.
- *Type* identifies the sort as ADDRROUT, tagalong, or summary tagalong.
- *Sequence* specifies ascending or descending.
- *Files* specifies the file to be sorted and the file created by the sort. Files are identified as input or output, by full file name, and by system file name.
- *Record type* identifies the records to be selected for inclusion in the sort.
- *Sort fields* identifies each sort field, from major to minor, and the sequence in which the field is sorted.

Cross-application program list

The cross-application programs consist of the following:

AMZX6	Application log listing
AMZZ4	Application interface activate/deactivate
AMZ00	Procedure initialization
AXXXT	Security control create
AXZX0	SYSCTL byte test/replace
AXZX5	Application log create
AXZW1	Application log sort options
AXZZ1	Update UMAXM count fields
AXZZ8	File status/reformat/reorganize
AXZ10	Print LDA
AXZ11	Test ADDRROUT file for SORT
AXZ32	Change job file status
AXZPZS	Sort SYSCTL CD records

AMZX6—Application log listing

Files

Full file name	System name	Type	Disp	Mode of processing
Menu Description	APPDSC	I	NOSHR	Random by key
Application Log	APPLOG	I	NOSHR	Consecutive

User switches

U1 on—Print associated menu descriptions from APPDSC
 U1 off—Don't print menu descriptions

Reports

Application Log — APPLOG

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
DTFMT	User specified date format	1	219	219	I

Description

This program is used to print the Application Log. It is executed automatically during master file restoring and may also be initiated as a standalone job by selecting Option 9 (PRINT APPLICATION LOG) on the Cross-Application Support Master menu AMZM00. It is preceded by an options program (AXZW1) and a sort in the sequence specified by the operator in the options program. If the operator specifies menu descriptions, APPDSC is loaded from diskette and user switch U1 is turned on.

Initialization

Sets up menu name mask by moving AM to bytes 1 and 2 and moving M to byte 4. Tests user date format and sets indicators. Retrieves the system date and time for report handling.

Detailed processing

Using application code (APCOD), retrieves the application description from a table. Converts the date to user format from file format (YMD). If U1 is on, create APPDSC keys, and retrieves menu title and option description. APPDSC key is a five-byte field:

Byte 1 = APCOD,
 bytes 2 and 3 = last two characters of menu name, and
 bytes 4 and 5 = 00 (title) or option number 01–24.

Prints detail lines.

Display processing

None

End-of-job processing

None

User exits

None

Display action summary

None

Edit matrix

None

Messages

None

AMZZ4—Application interface activate/deactivate

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NOSHR	Random by key

User switches

None

Reporting

None

LDA

None

Description

This program is used to activate or deactivate interfaces between applications. These interfaces must have been previously selected during application tailoring. It is initiated by selecting Option 12 on the Cross-Application Support master menu AMZM00. Interface status codes are 0 for not selected, 1 for inactive, and 2 for active. All interfaces with a status of 1 or 2 are displayed on a single display, and the operator may change the status to a 1 or 2.

Initialization

Retrieves the XMREPT record from SYSCTL. Builds display arrays containing the description (ARD) and status (ARC) of all interfaces whose current status is 1 or 2 and whose corresponding applications are installed.

Display processing

AMZZ41 is used to change an interface status (ARC) from 1 to 2 or vice versa. It is shown as the result of initialization, CK18 from AMZZ41, or edit errors on AMZZ41.

Processing steps

Checks for valid command function key option. Edits responses for 1 or 2. If invalid entries, redisplay AMZZ41 with message.

End-of-job processing

Moves responses in ARC to ARA (SYSCTL interface status array). Updates SYSCTL file.

User exits

None

Display action summary

Current display	Operator action	Description	Program action
AMZZ41	CK24	Cancel the job, no update	End the job
	CK18	Rebuild the display arrays	AMZZ41
	ENTER	Edit errors, format message	AMZZ41
	ENTER	Accept data, update SYSCTL	End of job

Edit matrix

Record code or display ID	Message number	Cause
AMZZ41	0286	ARC not 1 or 2

Messages

0101 XMREPT SYSTEM CNTRL FILE RECORD MISSING
 0286 RESPONSE MUST BE 1 OR 2
 0287 NO INTERFACES EXISTS

AMZ00—Procedure Initialization

Files

Full file name	System name	Type	Disp	Mode of processing
Security Control	APPCHK	I	NOSHR	Random by key
System Control	SYSCTL	U	SHR	Random by key
Application Log	APPLOG	O	NOSHR	Consecutive

User switches

U1—U8 set to off

Reports

None

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
LDATA	Entire local data area	256	1	256	I/O
BLNK1	First area to be blanked	212	1	212	O
MSSAGE	Error return field	12	1	12	O
MICNUM	Error message number	4	1	4	O
DATUM	Error variable for display	8	5	12	O
ARC	Byte array for SYSCTL testing	60	1	60	O
ARE	Parameter array for SYSCTL testing	60	1	60	O
MNUNO	Menu and option number	4	209	212	O
BLNK2	Second area to be blanked	13	215	227	O
REUSE	Data entry segment reuse code	1	217	217	O
INDCD	Industry designator (M = MAPICS)	1	218	218	O
DTFMT	User date format for display	1	219	219	O
RTN	Return code array for SYSCTL testing	5	231	235	O
RETRN	Return codes for SYSCTL testing	5	231	235	O
BLNK3	Third area to be blanked	14	236	249	O
CANCL	Program/OCL communication	1	242	242	O

Field name	Field description	Length	Location		Input/Output
			From	To	
APCOD	Application designator	1	245	245	O
PSSWD	Encoded user password	4	246	249	O
SCTY1	Security clearances for functions 1–8	1	250	250	O
SCTY2	Security clearances for functions 9–16	1	251	251	O
USRID	Operator ID from password record	3	252	254	O
WKSID	Work station ID	2	255	256	O

Description

This program is executed at the start of every application job. It is an MRT/NEP program and supports two work stations concurrently. It has the following functions:

- Clears the LDA and inserts common required data in architecture fields between locations 209 and 256.
- Prompts the operator for their security password if this is required and has not been prompted previously.
- Tests the operator's clearance to execute the current job.
- Places an entry in the Application Log if specified.
- Tests up to five bytes in SYSCTL to be within user-specified limits and optionally replaces one or more with substitution characters if all are within limits.

Initialization

Retrieves the system date and time. Initializes bit masks for security processing. Retrieves the user date format and data entry segment reuse code from XMREPT record in SYSCTL. Retrieves the master security record in APPCHK and saves the requirements. Tests for security required by any application. If errors are detected, posts data in LDA and releases work station.

Detailed processing

Tests for console shutdown request. If requested, posts data to LDA and releases work station. Tests the work station record indicator:

11 = Return from password prompt

12 = Entry for procedure initialization processing

If work station record ID is 11, the program bypasses the first three steps below.

1. Retrieves LDA and moves it to the work station save area.
2. If security is not required, sets security bits and skips to step 9.
3. Retrieves the password record from APPCHK. If not found, bypasses remaining steps and prompts for password.
4. Retrieves the password record from APPCHK. If not found, posts error data in LDA and releases work station.
5. Tests operator clearance. Tests function specified by PFNUM. If not cleared and PFNMA (alternate function) is not 0, tests alternate function. If operator is cleared for function or alternate function and additional function is not 0, tests additional function. Operator must have clearance for additional function if it is not 0 and either PFNUM or alternate.
6. If operator is not cleared and procedure is in inquiry mode, bypasses remaining steps and prompts for password.
7. If operator is not cleared, posts error data to LDA and releases work station.
8. Decodes operator ID from password record (see Special Techniques).
9. If PTEST is not equal to "TEST", bypasses SYSCTL byte test/replace (steps 10–13).
10. Initializes ARC array with user parameters, replaces all dashes (–) with blanks, and sets parameter index to 1.
11. Validates parameters.

Moves parameter element one to WRKFLD for decoding.

- 1–6 SCKEY (SYSCTL key)
- 7–9 AD (location within SYSCTL record)
- 10–10 LO (low limit for range checking)
- 11–11 HI (high limit for range checking)
- 12–12 CHGBT (replacement character)

Retrieves the SYSCTL record if SCKEY is not blank.

If record not found, move asterisks (*) to element one of RTN array and sets on error indicators. Go to step 12 if SCKEY is blank.

Determines if diskette data entry testing is performed.

If AD = 000, LO = 0, HI = 0, and DSGNO is greater than 0, moves H to RTN array.

Skips any other editing and goes back to step 11 for all other parameters.

Validates AD between 9 and 128.

If not, moves I to RTN array and sets on error indicators.

Validates specified SYSCTL byte between LO and HI.

If byte is less than LO, moves L to RTN array.

If byte is greater than HI, moves H to RTN array.

In either case, it sets on error indicators.

Repeats this step for parameter elements two through five.

12. Updates SYSCTL bytes. Bypasses this step if error indicators are on.

Moves parameter element one to WORK01.

Retrieves the SYSCTL record.

Moves CHGBT to specified location in record.

Updates SYSCTL record.

Repeats this step for parameter elements two through five.

13. If SYSCTL or format errors are detected in steps 11 or 12, posts error data to LDA and releases work station.

14. If PLOGS is equal to LOGIT, adds an entry to the Application Log file.

Retrieves APPLOG record from SYSCTL and checks capacity remaining.

Updates the record count field.

Retrieves the system date and time.

- Converts system date to YMD format.
- Adds an entry in APPLOG and updates SYSCTL.

15. Updates the LDA.

16. Turns all user switches off.

17. Releases the work station.

18. If this is a cross-application support procedure (PDMOD = B), terminates the MRT/NEP program.

Display processing

Display AMZ001 — is used to enter the operator's security password (PSSWD). It is displayed if the data in the password field of the LDA does not match a valid password record in APPCHK or if this program was called in an inquiry mode and the current password does not authorize the specified function.

End-of-job processing

None

User exists

None

Special considerations

The key to APPCHK records and the operator ID (USRID) are stored in the password file in a coded format. The coding is performed by turning on all bits that are off and turning off all bits that are on. The bytes in the field are then rearranged in the following sequence:

PSSWD (1234) — PSSKY (4312)

USRID (123) — IDENT (231)

The coded password is stored in the LDA and is used to access the password record in APPCHK. The coded IDENT is retrieved from the password record, decoded to USRID, and stored in the LDA.

The data for a work station record with indicator 12 is being passed into the program from the OCL on the first input cycle. It is not coming from operator input.

Display action summary

Current display	Operator action	Description	Program action
AMZ001	ENTER	Process password	No additional displays

Edit matrix

None

Messages

Note: These messages are displayed by the OCL after the work station is released.

0112 OPERATOR NOT AUTHORIZED

0201 PASSWORD NOT VALID

0204 APPLICATION CODE NOT VALID

0207 MASTER SECURITY RECORD NOT FOUND

0229 CONTROL STATEMENT NOT VALID

0241 SYSTEM CONTROL FILE RECORD NOT FOUND

0265 IPL DATE INVALID FOR SELECTED FORMAT

0283 APPLICATION LOG FILE IS FULL

AXXXT—Security control create

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NOSHR	Random by key
Security Control	APPCHK	O	NEW	Sequential by key

User switches

None

Reports

None

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
CANCL	Program/OCL communication	1	242	242	O

Description

This program creates the Security Control file (APPCHK) during the initial application installation. A master security requirements record is created. This record is initialized such that passwords are not required for any functions.

Initialization

Sets all security requirement bits on. Creates a key for the master record with each byte containing the bit pattern 10101010. Initializes file record counts:

UCTLM = 1
 UCNTM = 0
 UDELM = 0
 UMAXM = 0

Retrieves APPCHK record from SYSCTL. If not found, moves C to CANCL in LDA. Sets LR on. Creates master requirements record in APPCHK. Updates file record counts for APPCHK in SYSCTL.

Display action summary

None

Edit matrix

None

Messages

None

AXZX0—SYSCTL byte test/replace

Files

Full file name	System name	Type	Disp	Mode of processing
Input Job Stream	SYSINPUT	I		Consecutive
System Control	SYSCTL	U	SHR	Random by key

User switches

None

Reports

None

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
RETRN	Range test results	5	231	235	O
CANCL	Program/OCL communication	1	242	242	O

Description

This program tests from one to five different bytes in the same or different SYSCTL records to determine if they are within user-specified ranges and optionally replaces one or more with new values. Unless each specified byte is within its range, no replacements occur. The program uses the RPG subroutine SUBR01 to receive the user specifications and returns the results in the local data area.

Initialization

Replaces all dashes (–) in input control record with blanks. Searches input control record for # character signifying start of parameter list. If the record is not found, sets on error indicator, moves IIII to RTN array, and goes to end-of-job processing. Otherwise, moves parameter list to ARA array and initializes parameter element index to 1.

Detailed processing

Validates parameters. Moves parameter element one to WORK01 for decoding.

- 1–6 SCKEY (SYSCTL Key)
- 7–9 AD (location within SYSCTL record)
- 10–10 LO (low limit for range checking)
- 11–11 HI (high limit for range checking)
- 12–12 CHGBT (replacement character)

Retrieves the SYSCTL record if SCKEY is not blank. If the record is not found, moves * to element one of RTN array and sets on error indicators. Determines if diskette data entry testing is being performed. If AD = 000, LO = 0, HI = 0, and DSGNO (number of diskette data entry segments) is greater than 0, moves H to RTN array. Reads the next group of parameters and repeats parameter validation.

Validates AD between 9 and 128. If not, moves I to RTN array and sets on error indicators.

Validates specified SYSCTL byte between LO and HI. If byte is less than LO, moves L to RTN array. If byte is greater than HI, moves H to RTN array. In either case, sets on error indicators. Repeats above steps for parameter elements two through five.

Updates SYSCTL bytes. Bypasses this section if error indicators are on. Moves parameter element one to WORK01. Retrieves the SYSCTL record. Moves CHGBT to specified location in record. Updates SYSCTL record. Repeats above steps for parameter elements two through five.

End-of-job processing

Updates LDA.

Special considerations

The characters dash (–) and asterisk (*) have special meaning when used in the LO, HI, and CHGBT fields. The dash represents a blank, and the asterisk is a null character.

Field	Dash (–)	Asterisk (*)
LO	Replace with blank	No low limit
HI	Replace with blank	No high limit
CHGBT	Replace with blank	No substitution

Display action summary

None

Edit matrix

None

Messages

None

AXZX5—Application log create

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NOSHR	Random by key
Application log	APPLOG	O	NEW	Consecutive

User switches

None

Reports

None

LDA

Field name	Field description	Length	Location From	To	Input/Output
CANCL	Program/OCL communication	1	242	242	O

Description

This program creates the Application Log file, APPLOG. It is run during initial application installation, during master file save, and anytime the user requests removal of entries after listing the Application log.

Initialization

Retrieves APPLOG record from SYSCTL.

If no record is found, moves C to CANCL and terminates the job. Otherwise, if UCNTM is greater than UMAXM, substitutes UCNTM for UMAXM and sets UCNTM to zero.

End-of-job processing

Updates APPLOG record in SYSCTL.

Display action summary

None

Edit matrix

None

Messages

None

AXZW1—Application log sort options

Files

None

User switches

None

Reports

None

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
SRTSEQ	Sort sequence	1	1	1	O
DSCPTN	Menu description	3	2	4	O
DELETE	Delete entries	3	5	7	O
WKSID	Work station ID	2	255	256	I

Description

This program prompts for user options prior to printing the Application Log. The operator can choose sort sequence, to print menu descriptions, and to remove entries from file.

If the user selects to print menu descriptions, he or she will be prompted to insert a diskette containing those descriptions in offline file. The prompt occurs after this program and prior to printing the log.

Initialization

Retrieves the system time and date. Sets default options:

Time sequence (SRTSEQ = T)

Print menu descriptions (DSCPTN = YES)

Remove entries from file (DELETE = YES)

Display processing

AXZW11 is used to enter user options and display edit error messages. It is displayed after initialization and redisplayed if there are invalid entries.

Expected entries

SRTSEQ (sort sequence), default is T

A – time within application

O – time within operator

T – time only

W – time within work station

DSCPTN (menu descriptions), default is YES

YES – print menu descriptions

NO – don't print menu descriptions

DELETE (remove entries after printing), defaults to YES

YES – delete and reallocate file after printing

NO – don't delete file

Processing steps

None

Edits entries

Redisplays AXZW11 with error message if edit fails.

End-of-job processing

Stores options in LDA.

Display action summary

Current display	Operator action	Description	Program action
AXZW11	ENTER	Detects error, formats message	AXZW11
	ENTER	Accepts entries	End of job

Edit matrix

Record code or display ID	Message number	Cause
AXZW11	0217	SRTSEQ not A, O, T, W
	0205	DSCPTN not YES, NO
	0205	DELETE not YES, NO

Messages

0205 RESPONSE MUST BE YES OR NO

0217 SEQUENCE CODE MUST BE A, O, T, OR W

AXZZ1—Update UMAXM count fields

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	OLD	Sequential by key

User switches

None

Reports

None

LDA

None

Description

Program AXZZ1 updates the UMAXM count fields in the CD records of the SYSCTL file. It is executed by the file save procedure.

Detailed processing

All records in the SYSCTL file are read. If the record code is not CD, further processing is bypassed. If the record code is CD, UCNTM is compared to UMAXM. If UCNTM is greater than UMAXM, the value of UCNTM is placed into UMAXM.

Display action summary

None

Edit matrix

None

Messages

None

AXZZ8—File status/reformat/reorganize

Files

Full file name	System name	Type	Disp	Mode of processing
System Control Work File	SYSWCD	I	NOSHR	Consecutive
System Control	SYSCTL	U	NOSHR	Random by key
OCL Output File	OCLINP	O	NEW	

User switches

None

Reports

None

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
MICNO	Message number	4	1	4	O
ZCTL2	Mode of call	1	214	214	I
INDCD	Industry designator	1	218	218	I
CANCL	Cancel code	1	242	242	O

Description

AXZZ8 is executed in dedicated mode, performing one of three functions according to the menu option selected:

- Reorganize permanent master files
- Reformat data entry files
- Reset UMAXM to UCNTM

For reorganization or reformat functions, AXZZ8 creates an OCL job stream of procedure calls to procedures designated in the CD records. For the reset function, AXZZ8 rolls UCNTM to UMAXM in the designated CD record in SYSCTL.

Detailed processing

Sort AXZPZS which selects certain SYSCTL CD records according to the menu option selected precedes this program. Reads the work file SYSWCD sequentially, building an output display of all records until the display is full. At that time, it shows the display, permitting the operator to select files for reorganization, reformatting, or reset, or to select CK24 to end the job.

For reorganization, there is an intermediate display which permits the operator to further refine the CD

records displayed. He or she may select all files that may be reorganized, files approaching or at capacity, or files that must be reorganized. The program terminates when the files have all been displayed.

For reformatting, files are displayed on AXZZ82, even if they cannot be selected for reformatting. Those files are identified with **, and the operator is inhibited from entering a selection character. Message 0717 would appear on display AXZZ82 in those instances where a file is displayed that cannot be reformatted.

Display processing

AXZZ8 builds display arrays, extracting data from CD records and writing the displays when it has a full page or there are no more records. For reorganization or reset, there are 7 lines of file information. For reformat, there are 14 lines.

The error message subroutine SUBR23 is used to display error messages.

User exits

None

End-of-job processing

Determines at LR if there is another page of data to display and subsequently process. At LR, AXZZ8 determines if no OCL statements with procedure calls were created. If none were created, a message number is placed in the LDA, and OCL displays the message.

Additionally, at LR, AXZZ8 places the correct message number in the LDA to indicate a SYSCTL record was not found.

Display action summary

Current display	Operator action	Description	System action
AXZZ81	CK24 ENTER	Cancels job Approaching capacity, CD records only, or required reorganization, CD records only, or all CD records displayed; detects invalid option number and formats message	AXZZ83 AXZZ83 AXZZ81
AXZZ82	CK24 ENTER (R)	End of job Creates OCL statement for procedure to call; detects invalid selection character, and formats message	AXZZ82 or AXZZ82
AXZZ83	CK24 ENTER (R)	End of job For reorg, creates OCL statement for procedure to call; for reset, rolls UCNTM to UMAXM; detects invalid selection character and formats message	AXZZ83 or AXZZ83

Edit matrix

Display ID	Field name	Error message	Error Condition
AXZZ81	OPTNO	0713	Response not 1, 2, or 3
AXZZ82	SEL	0714	Response not "R"
		0717	Segments in use in files identified with **
AXZZ83	RRG	0714	Response not "R"

Messages

0241 SYSTEM CONTROL FILE RECORD NOT FOUND
0711 NO FILES SELECTED
0713 RESPONSE MUST BE 1, 2 OR 3
0714 SELECTION CHARACTER MUST BE R
0717 FILES SHOWN WITH ** HAVE BATCHES IN USE

AXZ10—Print LDA

Files

None

User switches

U1–U8 – Print switch settings 0 = off, 1 = on

Reports

Local Data Area Display

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
LDALN1	Bytes 1–100 of LDA	100	1	100	I
LDALN2	Bytes 101–200 of LDA	100	101	200	I
LDALN3	Bytes 201–256	56	201	256	I
MENU56	Last two characters of menu name	2	209	210	I
MENOP	Menu option number	2	211	212	I
MENU2	Industry code	1	218	218	I
MENU3	Application code	1	245	245	I
USRID	Operator ID	3	252	254	I
WKSID	Work station ID	2	255	256	I

Description

This program prints a copy of the contents of the local data area. It is invoked by specifying parameter 2 = REPORT for cross-application message handler procedure AXZP09. The report can be used to assist with problem determination when an abnormal condition occurs in a program or OCL.

Initialization

Creates the name of the menu which started the current job by concatenating constants with data from the LDA. Retrieves the system date and time. Tests print fields for blank values.

End-of-job processing

Prints LDA and user switch settings

User exits

None

Special techniques

Uses RPG subroutine SUBR01 to read the procedure and program names associated with the abnormal condition.

Display action summary

None

Edit matrix

None

Messages

None

AXZ11—Test ADDROUT file for SORT

Files

Full file name	System name	Type	Disp	Mode of processing
ADDROUT sort file	Variable	I	Old	Consecutive

User switches

None

Reports

Job Status Report

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
INDCD	Industry designator	1	218	218	I
CANCL	OCL/program communication	1	242	242	O

Description

This program tests an addrout file to determine if any records were selected for sorting. It returns a Y (yes) or N (no) to the calling procedure in position 242 of the LDA. An optional report will be printed if specified by the calling procedure and the addrout file is empty. Also if the addrout file is empty and the user requested cancel, a C will be placed in position 242 of the LDA instead of an N.

Initialization

None

Detailed processing

Sets on detail indicator.

End-of-job processing

Reads parameter list via RPG subroutine SUBR01. If the ADDROUT file contains at least one record, moves Y to CANCL. If the ADDROUT file contains no records, performs the following:

- If the cancel parameter (CANCD) is a C, moves C to CANCL. Otherwise, moves N to CANCL.
- If the print parameter (PRINT) is P, prints the Job Status Report.

User exits

None

Special techniques

Uses RPG subroutine SUBR01 to read the parameter list.

Display action summary

None

Edit matrix

None

Messages

None

AXZ32—Change job file status

Files

None

User switches

None

Reports

None

LDA

None

Description

This program has no executable function. It allows the OCL to change the retention of job level files to scratch. It is called by procedure AXZP32 when it is necessary to delete job files.

Detailed processing

Sets on last record indicator.

Edit matrix

None

Messages

None

AXZPZS—Sort SYSCTL CD records

Purpose — Conditionally sort for reorganize, reformat, or reset

Type -- SORTR tagalong Sequence — A

Files	Full file name	System file name
Input:	SYSCTL	
Output:	SYSWCD	

Record type — CD

Sort fields

All CD records

Reorg

- 61–66 Not blank (RPROC)
- 11–14 Not zero (UCAPM)
- 128 Character P (OCODE)

Reformat

- 61–66 Not blank (RPROC)
- 11–14 Not zero (UCAPM)
- 128 Character Q (OCODE)

Reset

- 11–14 Not zero (UCAPM)
- 15–18 Not equal to 27–30 (UCNTM ≠ UMAXM)

Sort sequence is 1 and 2 (CD), 3 through 8 (SCKEY)

Security system program list

The security system programs consist of the following:

AMXX3 Security file maintenance

AXXX1 Active password listing

AXZX1 Organize security password file

AMXX3—Security file maintenance

Files

Full file name	System name	Type	Disp	Mode of processing
Security Function Description	SECFIL	I	NOSHR	Sequential by key within limits
Security Control	APPCHK	U	NOSHR	Random by key
System Control	SYSCTL	U	NOSHR	Random by key

User switches

None

Reports

None

LDA

None

Description

This program is used to add, change, and delete security passwords and/or their associated clearances. It is also used to select which application functions will have password protection. It requires a password with appropriate clearance in order to execute. The first time it is run, it will create a new password record for whatever password is entered. This password will automatically be cleared for security functions. The program is initiated by selecting option 3 on the Cross-Application Support Install/Tailor menu, AMZMZ1.

Initialization

Gets the system date. Initializes bit masks. Retrieves APPCHK record counts from SYSCTL. Displays the security password prompt display AMXX31.

Display processing

AMXX31 is used to enter the security password (PSSWD) for clearance to run this program. It is displayed at the completion of initialization or redisplayed if an invalid or unauthorized password is entered.

Special Considerations

If initialization errors were encountered or an invalid password was entered, an error message is displayed, and the password prompt is replaced with the message PRESS ENTER TO CANCEL. There are no input-capable fields, and the program terminates when the display is entered.

Processing steps

1. Terminates program if command function key 24 was selected.
2. If this is the first time this program has ever been run, the program creates a new password record with a clearance for password maintenance and listing. It also sets the master record to indicate that security clearance is required to run this program in the future.

If this is not the first time, it validates that the password is in the file and is cleared for this program. Otherwise, it redisplayes AMX331 and terminates.

3. Displays AMXX35 (status display).

AMXX32 is used to select the password and application to be processed and the action to be taken. It is displayed as the result of one of the following conditions:

- Return from AMXX35
- Acceptance of entries from AMXX33 or AMXX34
- CK19 option from AMXX33 or AMXX34
- AMXX32 edit error or valid delete transaction.

The expected entries from AMXX32 are:

PSSWD (password) – initialized to last password entered.

APCOD (application designator) – initialized to last application entered.

ACTCD (action code) – initialized to last action entered.

- A – Add a new password
- C – Change the clearances of an existing password
- D – Delete an existing password
- R – Replace an existing password with a new password and retain the existing clearances.

Special Considerations

If PSSWD is ****, the action code is assumed to be C, and the master requirements record for the specified application is displayed for changes. The application code is ignored if the action code is D or R.

Action code D is not valid for a password used to sign on in AMXX31.

Processing steps

1. If CK24 is selected, the program displays AMXX35.
 2. Edits entries and redispays AMXX32 if errors.
Test for valid action code if PSSWD is not ****.
Convert password to APPCHK key (see Special Techniques).
Check for existing undeleted password record if action code is C, D, or R.
Checks for no existing undeleted password record if action code is A.
Tests for valid application if action code is A or C.
Tests for space available if action code is A.
 3. If the action code is D, it flags the record for deletion, update record counts, and displays AMXX32.
 4. If the action code is R, it displays AMXX34.
 5. If the action code is A or C:
Retrieves function descriptions from SECFIL for designated application.
Converts clearance bits to YES/NO format; defaults for add transactions are NO.
Unscrambles operator ID to display format; the default for add transactions is blank.
Displays AMXX35 if an add transaction has brought the file to within 10 percent of capacity.
Displays AMXX32.
- AMXX33 is used to enter the operator ID (USRID), the clearances associated with a password ARR (16-element array containing YES or NO responses) and an application or to enter the master requirements for an application if the password is ****. It is displayed as the result of a valid AMXX32 with an action code of A or C or edit errors on AMXX33.

Special Considerations

For an add transaction, the cursor is initially positioned at USRID. For a change transaction, the cursor is positioned at the first clearance field. If the password is **** or the sign-on password entered on AMXX31 and the application is Z (cross-application support), the first clearance field (security functions) is not input capable. Password protection for security file maintenance and password listing may not be deactivated once it is established. The signed-on operator may not turn off their own clearance to perform security functions.

Processing steps

1. If CK19 selected, the program displays AMXX32.
2. Edits YES/NO responses and redispays AMXX33 if responses are invalid.
3. Scrambles the operator ID field (see Special Techniques).
4. Updates record count fields.
5. Adds or updates the password record in APPCHK.
6. Displays AMXX32.

AMXX34 is used to enter a new password (PSSWD) to replace an existing password. It is displayed as the result of a valid AMXX32 with an action code of R or an edit error on AMXX34.

Processing steps

1. If CK19 is selected, the program redispays AMXX32.
2. Edits the entry and redispays AMXX34 if errors exist. PSSWD may not be ****.
Converts PSSWD to APPCHK key (see Special Techniques).
Checks that an active record with the same password does not exist.
3. Creates a new password record in APPCHK with the same clearances and operator ID as the old password record.
4. Flags the old record for deletion.
5. Updates record count fields.
6. Displays AMXX32.

AMXX35 is used to display the record counts for the APPCHK file and is also the exit point for the operator to terminate the program. It is displayed as a result of one of the following:

- Valid entry on AMXX31
- CK24 on AMXX32
- Valid add transaction, AMXX33 or AMXX34, that brings the number of records in APPCHK to within 10 percent of capacity for the first time.

Special considerations

If APPCHK is full or within 10 percent of capacity, an appropriate message is displayed.

Processing steps

1. If CK24 is selected, the program goes to end-of-job.
2. Displays AMXX32.

End-of-job processing

Updates record count fields in APPCHK record of SYSCTL.

User exits

None

Special techniques

The password and operator ID fields are stored in the APPCHK records in an encoded format. The encoded password is the key of the password record for retrieval from APPCHK. The encoding is performed as follows:

- Turns on all bits that are off and turns off all bits that are on.
- Resequences the bytes in the following order:
 Password – 1 2 3 4
 Encoded password – 4 3 1 2
 Operator ID – 1 2 3
 Encoded operator ID – 2 3 1

Display action summary

Current display	Operator action	Description	Program action
AMXX31	CK24	End-of-job	End the job
	ENTER	Detects errors, formats message	AMXX31, then terminates
AMXX32	ENTER	Accepts entries	AMXX32
	CK24	Display status	AMXX35
	ENTER	Detects errors, formats message	AMXX32
AMXX33	ENTER	Accepts entries ACTCD = A or C	AMXX33
		ACTCD = D	AMXX32
		ACTCD = R	AMXX34
	CK19	Return to select	AMXX32
AMXX34	ENTER	Detects errors, formats message	AMXX34
	ENTER	Accepts entries APPCHK within 10% of full (1st time)	AMXX35
	ENTER	APPCHK not within 10% (or not 1st time)	AMXX32
AMXX35	CK24	End of job	End the job
	ENTER	Continue	AMXX32
	ENTER	Accepts entries APPCHK within 10% of full (1st time)	AMXX35
	ENTER	APPCHK not within 10% (or not 1st time)	AMXX32

Edit matrix

Display ID	Message number	Cause
AMXX31	0201	Password not on file or not authorized
AMXX32	0203	Add specified for existing password
	0206	Change, delete, or replace specified for non-existent password
	0204	Not a valid application
	0202	Action code not A, C, R, or D
	0209	Delete specified for sign-on password
	0210	Add specified but file is full
	0208	No records in SECFIL for application
	0205	Entry in ARR other than YES or NO
AMXX34	0201	**** entered for replacement password
	0203	New password already exists

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
0201 PASSWORD NOT VALID
0202 ACTION CODE MUST BE A, C, R, or D
0203 NOT VALID – PASSWORD EXISTS
0204 APPLICATION CODE NOT VALID
0205 RESPONSE MUST BE YES OR NO
0206 NOT VALID – PASSWORD NOT FOUND
0207 MASTER SECURITY RECORD NOT FOUND
0208 SECURITY NOT SELECTED FOR
APPLICATION
0209 SIGN-ON PASSWORD CANNOT BE DELETED
0210 NO SPACE FOR ADDITIONAL PASSWORDS
0220 APPCHK FILE APPROACHING CAPACITY

AXXX1—Active password listing

Files

Full file name	System name	Type	Disp	Mode of processing
Security Control	APPCHK	I	NOSHR	Sequential by key
Security Control	APPCHK1	I	NOSHR	Random by key

User switches

None

Reports

Active Password List – AXXX1

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
INDCD	Industry offering	1	218	218	I

Description

This program prints a list of active passwords. It requires a password to execute and will not run until AMXX3 (security control maintenance) has been run at least one time.

Initialization

Prompts for password, creates a key for master requirements record, and creates a bit mask for unscrambling passwords.

Detailed processing

Bypasses the master requirements record and any deleted passwords. Unscrambles passwords by reversing all bits and rearranging the four bytes into 3-4-2-1 sequence. Stores password in the output print array (PRT).

Display processing

AXXX11 is used to enter the security password (PSSWD) which is checked to make sure that the operator is authorized to execute this program. This display is shown prior to initialization and also prior to termination if the operator is not authorized.

Special considerations

None

Processing steps

1. Checks that the password exists in APPCHK.
2. Tests for authorized operator: is bit 0 set on byte 31 of APPCHK record.
3. If either test fails, redisplay AXXX11 with an error message and then cancels the job.

End-of-job processing

Prints the list of active passwords from the output print array (PRT).

User exits

None

Display action summary

Current display	Operator action	Description	Program action
AXXX11	CK24	End of job	Cancel job
	ENTER	Detects errors and formats message, or accepts PSSWD	AXXX11 Cancels job

Edit matrix

Record code or display ID	Message number	Cause
AXXX11	0201	Not in file or not authorized

Messages

0201 PASSWORD NOT VALID

AXZX1—Organize security password file

Files

Full file name	System name	Type	Disp	Mode of processing
Security Password (renamed)	APPCKT	I	OLD	Indexed sequential
Security Password	APPCHK	O	NEW	Sequential
System Control	SYSCTL	U	OLD	Random by key

User switches

None

Reports

None

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
CANCL	Program/OCL communication	1	242	242	O

Description

This program is used to reorganize the Security Password file (APPCHK). Deleted passwords are dropped and the count fields in SYSCTL are updated. Prior to executing this program the password file is renamed APPCKT. APPCKT is input to this program and a new APPCHK is created.

Initialization

None

Detailed processing

Bypasses deleted password records. Increments the count fields for active records and writes them to APPCHK.

Display processing

None

End-of-job processing

Updates the count fields in CD record, APPCHK, of SYSCTL.

Display action summary

None

Edit matrix

None

Messages

0241 SYSTEM CONTROL FILE RECORD NOT FOUND
0259 FILE HAS NOT BEEN CHANGED

Checkpoint/restart program list

The checkpoint/restart programs consist of the following:

- AXZXS Check restart status
- AXZ98 JOBQ procedure checkpoint
- AXZ99 JOBQ procedure restart

AXZXS—Check restart status

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	I	NOSHR	Random by key
System Lock	SYSLOK	I	NOSHR	Random by RRN

User switches

None

Reports

None

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
LOKERR	SYSLOK error byte	1	1	1	O
CTLERR	SYSCTL error byte	1	2	2	O
WKSTER	WORKSTN error byte	1	3	3	O
JOBQER	JOBQ error byte	1	4	4	O
PROCNM	JOBQ procedure name	6	5	10	O
INDCD	Industry code	1	218	218	I

Description

This program tests for abnormally terminated job queue procedures and nonrecoverable work station update procedures. It should be run immediately after bringing the system back up if an error occurs, such as hardware failure or loss of power.

Initialization

Sets up the skeleton procedure name.

Detailed processing

Check JOBQ restart record.

1. Retrieves record number 10 of SYSLOK. If not found, moves E to LOKERR and bypasses steps 2 and 3.
2. Check FSTS2 (JOBQ status) for A (active). If not A, bypasses step 3.
3. Checks FSTS1 (restart status) for Y. If FSTS1 = Y, moves R to JOBQER; or else moves E to JOBQER. Moves PROCDS (procedure name data structure) to PROCNM.

Checks WORKSTN nonrestartable count.

1. Retrieves XMREPT record from SYSCTL. If not found, moves E to CTLERR and bypasses step 2.
2. Compares UPDAT (number of active nonrestartable work station jobs) to zero. If UPDAT is not zero, moves E to WKSTER.

End-of-job processing

Updates LDA.

Display action summary

None

Edit matrix

None

Messages

None

AXZ98—JOBQ procedure checkpoint

Files

Full file name	System name	Type	Disp	Mode of processing
System Lock	SYSLOK	U	SHR	Random by RRN

User switches

U1–U8 — Saved on fixed disk but not tested or modified

Reports

None

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
LDATA	Local Data Area	1	256	256	I
USRSW	User switch settings	1	236	236	O
LSTS2	Procedure start flag	1	238	238	I/O

Description

This program checkpoints the LDA and user switches in record 10 of the System Lock file. It also tests to make certain that previous jobs have cleared the checkpoint record. The purpose of this program is to assist in determining what the status of the JOBQ was prior to a system malfunction or loss of electrical power.

Initialization

Retrieves record 10 of SYSLOK. If starting new procedure (LSTS2 = S) and previously job did not clear the checkpoint record (FSTS2 = A), the program terminates the job. Converts user switch settings to bits in USRSW.

End-of-job processing

Updates record 10 of SYSLOK with current LDA.

Display action summary

None

Edit matrix

None

Messages

None

AXZ99—JOBQ procedure restart

Files

Full file name	System name	Type	Disp	Mode of processing
System Lock	SYSLOK	U	SHR	Random by RRN

User switches

U1–U8 — Restored to settings previously saved on disk

Reports

JOBQ Procedure Restart

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
LDATA	Local Data Area	1	256	256	O
ICODE	Industry code	1	218	218	I
LSTS2	Restart status	1	238	238	O

Description

This program restores the LDA and user switches from information previously saved on disk. It sets the restart status indicating whether the procedure may be restarted and prints a restart status report. It is run when program AXZ98 (JOBQ Procedure Checkpoint) determines that a previous job terminated abnormally without clearing the checkpoint record.

Initialization

Retrieves record 10 of SYSLOK.

Detailed processing

Tests if checkpointed procedure may be restarted, FSTS1 = Y. Clears the checkpoint record by moving a blank to FSTS2. Resets user switches. Sets up printer messages.

End-of-job processing

Updates record 10 of SYSLOK. Prints the JOBQ Procedure Restart report.

Display action summary

None

Edit matrix

None

Messages

```
0221 JOBQ PROCEDURE TERMINATED
      ABNORMALLY
0222 PROCEDURE HAS BEEN RESTARTED IN JOBQ
0223 PROCEDURE IS NOT RESTARTABLE
0224 INITIATE MASTER FILE RESTORE
      PROCEDURES
```

File conversion program list

The file conversion programs consist of the following:

- AMK03 Saving or restoring the LDA
- AMK08 Setting application control bytes (LDA)
- AMK10 Convert GELMAS to GELMAS
- AMK12 Convert GLFORM to GLFORM
- AMK14 Convert CHECKB to CHECKB
- AMK16 Convert OPNPAY to OPNPAY
- AMK18 Convert VENNAM to VENNAM
- AMK20 Convert CHECKR and EMPMAS to CHECKR
- AMK22 Convert DISTRB to DISTRB
- AMK24 Convert EMPDED to EMPDED
- AMK26 Convert EMPMAS to EMPMAS
- AMK28 Convert EMPSTL to EMPSTL
- AMK30 Convert LABDIS to LABDIS
- AMK32 Convert TAXTBL to TAXTBL
- AMK34 Convert UNIMAS to UNIMAS
- AMK36 Convert DMD0160 to DBADGE
- AMK38 Convert DDB1030 to ORDSUM
- AMK40 Convert DDI0200 to PURSUM
- AMK43 Convert JOBMAT to OPMTWK (work file for OPNMAT)
- AMK44 Convert DDB1030 to OPMTWK (work file for OPNMAT)
- AMK45 Convert DMM0150 to OPMTWK (work file for OPNMAT)
- AMK46 Convert DBM0050 to CONPRC
- AMK48 Convert DMB0040 to QTYPRC
- AMK50 Convert DMB0030 to SHPMAS
- AMK52 Convert DMM0020 to CUSMAS
- AMK54 Convert DMM0020 and DDR3030 to OPENRU
- AMK56 Convert DGS4020 and CUSMAS to CUSSUM
- AMK62 Convert DGS4030 and ITEMAS to ITEMSM
- AMK64 Convert DMM0060 to SLSMAS
- AMK68 Convert P\$STRUC and P\$MSTRK to P\$EDIT
- AMK69 Convert JOBSEL to P\$EDIT (work file for P\$TRUC)
- AMK70 Convert JOBSEL to RTEDIT (work file for ROUTNG)
- AMK72 Convert JOBMAT to DETAIL (work file for OPNMIS)
- AMK74 Convert JOBDET to DETAIL (work file for OPNOPS)
- AMK76 Convert DDI0200 and ITEMAS to OPNSUM
- AMK78 Convert JOBSUM and ITEMAS to OPNSUM
- AMK80 Convert DMM0150 and ITEMAS to ITEMBL
- AMK82 Convert JOBSEL, ADDR0U, and ITEMAS to ITEMBL
- AMK84 Convert JOBSUM, ADDR0U, and ITEMAS to ITEMBL
- AMK86 Convert JOBMAT, ADDR0U, and ITEMAS to ITEMBL
- AMK89 Convert DMM0050 to ITEMAS
- AMK90 Convert P\$MSTRK to ITEMAS
- AMK92 Convert JOBSEL and ADDR0U to ITEMAS
- AMK94 Convert JOBSUM and ADDR0U to ITEMAS
- AMK96 Convert JOBMAT and ADDR0U to ITEMAS
- AMKSK3 Sort P\$EDIT for P\$TRUC
- AMKSK5 Sort OPMTWK for OPNMAT
- AMKS70 Sort RTEDIT for ROUTNG
- AMKS74 Sort JOBDET for DETAIL
- AMKS76 Sort DDI0200 for OPNSUM
- AMKS82 Sort JOBSEL for ITEMBL
- AMKS84 Sort JOBSUM for ITEMBL
- AMKS92 Sort JOBSEL for ITEMAS
- AMKS94 Sort JOBSUM for ITEMAS

AMKxx Common routines

Four subroutines are common to all conversion programs.

- ROUT1 — Program initialization of first cycle
- ROUT2 — UCNTM increments by 1, then compares to UCAPM
- ROUT3 — Detail calculations
- ROUT4 — Total calculations

The output is also common to all programs. All the converted files reside in the disk after the conversion. A printed report is produced at the conclusion of each program. It tells the users the number of records read and the number of records converted.

ROUT1

Program initialization is done at first cycle. The following occurs in sequence:

- Establishes MDATE using system date (format yymmdd).
- Accesses CD record from SYSCTL. If not found, prepares to print terminal error and goes to the end of job.
- Gets UCAPM (file capacity).
- Initializes UCNTM (record count) to zero.
- Establishes default fields.

ROUT2

The records are counted on each cycle. Increments UCNTM by 1, then compares to UCAPM. Conversion stops if file capacity is reached.

ROUT3

Detail calculations are done in this subroutine. Moves all unmodified fields to the output record. Checks date fields and converts if necessary into yymmdd format.

ROUT4 (end-of-job processing)

Updates SYSCTL at total calculation. If necessary, updates LDA also.

Output

All the converted files reside on the disk. Prints the following at the conclusion of each program:

```
----- FILE CONVERSION SUMMARY
TOTAL NO. OF RECORDS CONVERTED
RECORDS NOT CONVERTED — UCAPM EXCEEDED
TOTAL NO. OF RECORDS READ
```

Messages

```
E AM-0101 XXXXXX SYSTEM CNTRL FILE RECORD
MISSING
E AM-0103 MESSAGE XXXX NOT FOUND
W AM-6501 FILE CAPACITY EXCEEDED —
INCOMPLETE ADD
```

How to read the File Cross-Reference list

1 MAPICS field definition

Field — name of the MAPICS field
 LEN — unpacked field length
 D — number of decimals
 F — format of data:
 A = alphameric
 N = numeric
 P = packed numeric

2 Data source:

- File name if the data is coming from a file. If several file names are listed, they are in priority sequence, the first being the primary owner of that field.
- DEFAULT—if no corresponding old field exists.
- COMPUTE—if the data must be translated or manipulated during conversion.
- SYSCTL or LDA—if the default values are taken from these sources.

3 Selection criteria used. If blank, all records are being used.

- RCD indicates the record code(s) used from input file.
- M1 M2 are modifiers used to further condition record selection.

- 4** Source items further qualify the data source.
- FLD/DFT—field or default, shows either a field name if the data can be taken from a field in the input record or the default value if the data source is DEFAULT.
 - LEN—length of the input field if data is from a field.
 - D—number of decimals if from a field.
 - F—format:
 A = alphanumeric
 P = packed
 N = numeric

- 5** MAPICS full field name.
- 6** Owner application for each field and the program that creates it. If the program column is blank, the program in the heading is the owner. If System/34 is listed, the field is either a new MAPICS field or is a cross-application field.
- 7** A primary program for this file.

FILE-GELMAS RCDCD-LM PROGRAM-AMK10 7															
ORDER-02 METHOD-REPLACE SYSMOD-MMAS & DFAS															
1		2		3			4			5		6			
-----MAPICS-----		DATA		SELECTION			-----SOURCE-----			MAPICS DESCRIPTION		--OWNER--			
FIELD	LEN D F	LEN D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ	NO
RCDCD	2	A	GELMAS				RCDCD	2	A	RECORD CODE		GL		3370	
ACREC	1	A	GELMAS				ACREC	1	A	ACTIVE RECORD CODE		GL		3380	
COMNO	2	0	N	GELMAS			COMNO	2	0	N	COMPANY NUMBER		GL		3390
GLANO	7	0	N	GELMAS			GLANO	7	0	N	GENERAL LEDGER ACCOUNT NUMBER		GL		3400
GLTYP	1	0	N	GELMAS			TYPGD	1	0	N	GENERAL LEDGER ACCOUNT TYPE CODE		GL		3410
GLDES	25	A	GELMAS				GLDES	25	A	GENERAL LEDGER ACCOUNT DESCRIPTION		GL		3420	
EFLAG	1	0	N	GELMAS			EFLAG	1	0	N	FORMAT FILE EDIT FLAG		GL		3430
ACTYP	2	A	GELMAS				ACTYP	2	A	ACCOUNT TYPE		GL		3440	
BALFD	11	2	P	GELMAS			BALFD	11	2	P	BALANCE FORWARD DEBIT		GL		3450
PDR01	11	2	P	GELMAS			JANDR	11	2	P	PERIOD 01 DEBIT		GL		3460
PDR02	11	2	P	GELMAS			FEBDR	11	2	P	PERIOD 02 DEBIT		GL		3470
PDR03	11	2	P	GELMAS			MARDR	11	2	P	PERIOD 03 DEBIT		GL		3480
PDR04	11	2	P	GELMAS			APRDR	11	2	P	PERIOD 04 DEBIT		GL		3490
PDR05	11	2	P	GELMAS			MAYDR	11	2	P	PERIOD 05 DEBIT		GL		3500
PDR06	11	2	P	GELMAS			JUNDR	11	2	P	PERIOD 06 DEBIT		GL		3510
PDR07	11	2	P	GELMAS			JULDR	11	2	P	PERIOD 07 DEBIT		GL		3520
PDR08	11	2	P	GELMAS			AUGDR	11	2	P	PERIOD 08 DEBIT		GL		3530
PDR09	11	2	P	GELMAS			SEPDR	11	2	P	PERIOD 09 DEBIT		GL		3540
PDR10	11	2	P	GELMAS			OCTDR	11	2	P	PERIOD 10 DEBIT		GL		3550
PDR11	11	2	P	GELMAS			NOVDR	11	2	P	PERIOD 11 DEBIT		GL		3560
PDR12	11	2	P	GELMAS			DECDR	11	2	P	PERIOD 12 DEBIT		GL		3570
PDR13	11	2	P	DEFAULT			*0*			PERIOD 13 DEBIT		GL		3580	
BALFC	11	2	P	GELMAS			BALFC	11	2	P	BALANCE FORWARD CREDIT		GL		3590
PCR01	11	2	P	GELMAS			JANCR	11	2	P	PERIOD 01 CREDIT		GL		3600
PCR02	11	2	P	GELMAS			FEBCR	11	2	P	PERIOD 02 CREDIT		GL		3610
PCR03	11	2	P	GELMAS			MARCR	11	2	P	PERIOD 03 CREDIT		GL		3620

Conversion programs used by application

Figure 4-1 shows the conversion programs used in converting each application's files.

Application	Program	MAPICS file	MMAS file	MAPICS file name
AP	AMK10	GELMAS	GELMAS	General Ledger Master
AP	AMK14	CHECKB	CHECKB	Accounts Payable Check Reconciliation
AP	AMK16	OPNPAY	OPNPAY	Open Payables
AP	AMK18	VENNAM	VENNAM	Vendor Master
AR	AMK52	CUSMAS	DMM0020	Customer Master
AR	AMK54	OPENRU	DDR3030	Receivables Detail
AR	AMK54	OPENRU	DMM0020	Receivables Detail
DC	AMK36	DBADGE	DMD0160	Badge Master
GL	AMK10	GELMAS	GELMAS	General Ledger Master
GL	AMK12	GLFORM	GLFORM	General Ledger Format
IM	AMK40	PURSUM	DDI0200	Purchase Order Summary
IM	AMK45	OPNMAT	DMM0150	Open Order Material Detail
IM	AMK76	OPNSUM	DDI0200	Open Order Summary
IM	AMK80	ITEMBL	DMM0150	Item Balance
IM	AMK89	ITEMAS	DMM0050	Item Master
OEI	AMK38	ORDSUM	DDB1030	Manufacturing Order Summary
OEI	AMK44	OPNMAT	DDB1030	Open Order Material Detail
OEI	AMK46	CONPRC	DMB0050	Contract Price
OEI	AMK48	QTYPRC	DMB0040	Quantity Price
OEI	AMK50	SHPMAS	DMB0030	Ship-to Master
OEI	AMK52	CUSMAS	DMM0020	Customer Master
OEI	AMK89	ITEMAS	DMM0050	Item Master
PCC	AMK43	OPNMAT	JOBMAT	Open Order Material Detail
PCC	AMK69	PSEEDIT	JOBSEL	Product Structure
PCC	AMK70	RTEDIT	JOBSEL	Routing
PCC	AMK72	OPNMIS	JOBMAT	Open Order Miscellaneous Detail
PCC	AMK74	OPNOPS	JOBDET	Open Order Operations Detail
PCC	AMK78	OPNSUM	JOBSUM	Open Order Summary
PCC	AMK82	ITEMBL	JOBSEL	Item Balance
PCC	AMK84	ITEMBL	JOBSUM	Item Balance
PCC	AMK86	ITEMBL	JOBMAT	Item Balance
PCC	AMK92	ITEMAS	JOBSEL	Item Master
PCC	AMK94	ITEMAS	JOBSUM	Item Master
PCC	AMK96	ITEMAS	JOBMAT	Item Master
PDM	AMK68	PSEEDIT	P\$STRUC	Product Structure
PDM	AMK89	ITEMAS	DMM0050	Item Master
PDM	AMK90	ITEMAS	P\$MSTRK	Item Master

Figure 4-1. MAPICS conversion programs by application (1 of 2)

Application	Program	MAPICS file	MMAS file	MAPICS file name
PR	AMK10	GELMAS	GELMAS	General Ledger Master
PR	AMK20	CHECKR	CHECKR	Payroll Check Reconciliation
PR	AMK22	DISTRB	DISTRB	Deduction Distribution
PR	AMK24	EMPDED	EMPDED	Employee Miscellaneous Deduction
PR	AMK26	EMPMAS	EMPMAS	Employee Master
PR	AMK28	EMPSCL	EMPSTL	Employee State/County/Local
PR	AMK30	LABDIS	LABDIS	Labor Distribution
PR	AMK32	TAXTBL	TAXTBL	Tax Table
PR	AMK34	UNIMAS	UNIMAS	Union Master
SA	AMK56	CUSSUM	DGS4020	Customer Summary
SA	AMK62	ITEMSM	DGS4030	Item Summary
SA	AMK64	SLSMAS	DMM0060	Salesman Master

Figure 4-1. MAPICS conversion programs by application (2 of 2)

AMK03—Saving or restoring the LDA

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key

User switches

- U6 on — Updates bytes 101–256 in LDA
- U6 off — Bytes 101–256 in LDA are not affected
- U7 on — Resets LDA to blanks
- U7 off — Does not reset LDA to blanks
- U8 on — Saves LDA in SYSCTL KCLDA records
- U8 off — Restores LDA from SYSCTL KCLDA records

Reports

Summary — LR

LDA

Field name	Field description	Length	Location		Input Output
			From	To	
KDLDA1	LDA bytes 1–100	100	1	100	U
KDLDA2	LDA bytes 101–199	99	101	199	U
KDLDA3	LDA bytes 200–256	57	200	256	U

Note: See program description for AMK08 for full explanation of all LDA positions.

Description

This program saves or restores the LDA.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Reads KCLDA records from SYSCTL. If any of the KCLDA records are not found, adds them to SYSCTL. If switch U8 is on, writes updated LDA in KCLDA records. If switch U8 is off, reads KCLDA records into LDA (restores LDA from KCLDA records). If U7 is on, resets LDA to blanks. If U6 is on, updates bytes 101–256. If U6 is off, leaves bytes 101–256 as is.

End-of-job processing

Updates SYSCTL and LDA.

Display action summary

None

Edit matrix

None

Messages

None

AMK08—Setting application control bytes (LDA)

Files

Full file name	System name	Type	Disp	Mode of processing
Constants (System/32)	DXM0010	I	NSHR	Random by key
System Control (System/34)	SYSCTL	I	NSHR	Random by key

User switches

U1 on — for MMAS

U2 on — for DFAS

Reports

Copy Display Screen to Printer — LR

Summary of Files/Apps to be converted — LR

LDA

Field name	Field description	Length	Location From	To	Input/Output
	Application control bytes C = convert this run I = already installed (converted) N = not installed	11	1	11	I/O
GLCBYT	General Ledger control byte	1	1	1	
APLBYT	Accounts Payable control byte	1	2	2	
PRCBYT	Payroll control byte	1	3	3	
IMCBYT	Inventory Management control byte	1	4	4	
BICBYT	Order Entry and Invoicing control byte	1	5	5	
ARCBYT	Accounts Receivable control byte	1	6	6	
SACBYT	Sales Analysis control byte	1	7	7	
DCCBYT	Data Collection System Support control byte	1	8	8	
PDCBYT	Product Data Management control byte	1	9	9	
PCCBYT	Product Control & Costing control byte	1	10	10	
MRCBYT	Material Requirements Planning control byte	1	11	11	

Field name	Field description	Length	Location From	To	Input/Output
	MAPICS file control bytes C = already converted N = not available Y = convert this run	35	12	46	I/O
CHECKB	Accounts Payable check reconciliation	1	12	12	
CHECKR	Payroll check reconciliation	1	13	13	
CONPRC	Contract price	1	14	14	
CUSMAS	Customer master	1	15	15	
CUSSUM	Customer summary	1	16	16	
CUSTSA	Customer interface	1	17	17	
DBADGE	Badge master	1	18	18	
DISTRB	Deduction distribution	1	19	19	
EMPDED	Employee miscellaneous deduction	1	20	20	
EMPMAS	Employee master	1	21	21	
EMPSCL	Employee state & local	1	22	22	
GELMAS	General Ledger master	1	23	23	
GLFORM	General Ledger format	1	24	24	
ITEMAS	Item master	1	25	25	
ITEMBL	Item balance	1	26	26	
ITEMSA	Item interface	1	27	27	
ITEMSM	Item summary	1	28	28	
LABDIS	Labor distribution	1	29	29	
OPENAR	Receivables detail	1	30	30	
OPNMAT	Open order material detail	1	31	31	
OPNMIS	Open order miscellaneous detail	1	32	32	
OPNOPS	Open operations detail	1	33	33	
OPNPAY	Open payables	1	34	34	
OPNSUM	Manufacturing open order summary	1	35	35	
PSTRUC	Product structure	1	36	36	
QTYPRC	Quantity price	1	37	37	
ROUTNG	Routing file	1	38	38	
SHPMAS	Ship-to master	1	39	39	
SLSMAS	Salesman master	1	40	40	
SLSMSA	Salesman interface	1	41	41	

Field name	Field description	Length	Location From	Location To	Input/Output
TAXTBL	Tax table	1	42	42	
UNIMAS	Union master	1	43	43	
VENNAM	Vendor master	1	44	44	
PURSUM	Purchase order summary	1	45	45	
ORDSUM	Open order summary	1	46	46	
	Source file control bytes	32	47	78	
GELMAS	General Ledger master	1	47	47	
GLFORM	General Ledger format	1	48	48	
CHECKB	Accounts Payable check reconciliation	1	49	49	
OPNPAY	Open accounts payable master	1	50	50	
VENNAM	Vendor master	1	51	51	
CHECKR	Payroll check reconciliation	1	52	52	
DISTRB	Deduction distribution	1	53	53	
EMPDED	Employee miscellaneous deduction	1	54	54	
EMPMAS	Employee master	1	55	55	
EMPSTL	Employee state/local	1	56	56	
LABDIS	Labor distribution	1	57	57	
TAXTBL	Tax table	1	58	58	
UNIMAS	Union master	1	59	59	
DMB0050	Contract price	1	60	60	
DMM0020	Customer master	1	61	61	
DMM0050	Item master	1	62	62	
DDI0200	On-order	1	63	63	
DMB0040	Quantity price	1	64	64	
DMB0030	Ship-to master	1	65	65	
DMM0150	Item balance	1	66	66	
JOBMAT	Open job material miscellaneous	1	67	67	
DDR3030	Receivables detail	1	68	68	
DGS4020	Customer summary	1	69	69	
DGS4030	Item summary	1	70	70	
DMM0060	Salesman master	1	71	71	
DMD0160	Badge master	1	72	72	
P\$MSTRK	Product master	1	73	73	
JOBSEL	Job select master	1	74	74	

Field name	Field description	Length	Location From	Location To	Input/Output
JOBDET	Open job detail operations	1	75	75	
JOBSUM	Open job summary	1	76	76	
P\$STRUC	Product structure	1	77	77	
DDB1030	Open order	1	78	78	
RSTRT	Restart switch	1	80	80	
DFASZ	MMAS/DFAS code	1	86	86	
DFASY	MMAS/DFAS code	1	87	87	
DFASX	MMAS/DFAS code	1	88	88	
COMNO	Company number default	2	89	90	
BRECD	'B' record required	1	91	91	
MMASIM	MMAS Inventory Management installed	1	92	92	

Description

This program generates the application selection display and sets up the LDA with application, MAPICS, and source file control bytes which control the entire conversion process. It is entered from conversion menu AMZM01 options 1 through 5.

Initialization

Done by AMKP08 prior to execution of AMK08. Performs an if data test (DATAF1) using the list of source file VTOC names and flag those not found as not available in the LDA. Sets LDA flags and user switches to indicate MMAS or DFAS options from AMZM01. Sets LDA flags to indicate System/32 or System/34 options from AMZM01. Sets the default company number in LDA.

Done by AMK08. Scans application control bytes for N and resets them to blank. Reads SYSCTL XMREPT record and scans application control bytes. Sets LDA application control bytes to N for those not yet installed. Uses the source file name list and reads the System/32 Constants file (DXM0010). If the appropriate record is not found or if it is found and UCNTM is zero, sets the appropriate source file control byte in the LDA to N. Scans MAPICS file control bytes of LDA for N and resets them to blank. Use the MAPICS file name list and read CD records from SYSCTL. Sets appropriate MAPICS file control bytes to N for those files not specified in system tailoring. Checks LDA for the conversion status of applications and primes answers to be displayed. Issues application selection menu.

Display processing

Checks answers to application selection for conflicts and displays a message if conflicts exist. If answers are correct: sets LDA application control bytes to C for those to be converted in this run. Scans LDA application control bytes for C (to be converted this run). For each application to be converted it scans the list of associated MAPICS files and source files for those which are available for conversion and marks them to be converted this run in the LDA.

Detailed processing

None

End-of-job processing

Prints a copy of the display for reference. Scans LDA control bytes and prints a summary by application of all MAPICS files and their associated input files to be converted this run.

Display action summary

None

Edit matrix

None

Messages

None

AMK10—Convert GELMAS to GELMAS

Files

Full file name	System name	Type	Disp	Mode of processing
General Ledger Master (MMAS)	GELMASX	I		Sequential by key
General Ledger Master (DFAS)	GELMASY	I		Sequential by key
General Ledger Master (MAPICS)	GELMAS	O		
System Control	SYSCTL	U		Random by key

User switches

U1 on — Converting from MMAS
 U2 on — Converting from DFAS

Reports

GELMAS File Conversion Summary

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
CANCL	Cancel	1	242	242	U

Description

This program converts GELMAS (MMAS or DFAS) to GELMAS.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT3 of the common routines. Checks if company number (COMNO) from MMAS or DFAS is valid or invalid. Valid COMNO is 01—20 or 99. Defaults to 21 if COMNO is invalid. Subroutine SUBL1 is executed to add history records to the General Ledger Master file if they do not currently exist in the file being converted.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

List of Invalid Company numbers

COMNO	TOTAL NO. OF RECORDS
XX	XXXX
XX	XXXX
TOTAL INVALID COMNO	XXXXXXXX

FILE-GELMAS RCDCD-LM PROGRAM-AMK10 ORDER-02 METHOD-REPLACE SYSMOD-MMAS & DFAS													
----MAPICS----			DATA	SELECTION			-----SOURCE-----			--OWNER--		SEQ NO	
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL PRGM	SEQ NO
RCDCD	2	A	GELMAS				RCDCD	2	A		RECORD CODE	GL	3370
ACREC	1	A	GELMAS				ACREC	1	A		ACTIVE RECORD CODE	GL	3380
COMNO	2	0 N	GELMAS				COMNO	2	0 N		COMPANY NUMBER	GL	3390
GLANO	7	0 N	GELMAS				GLANO	7	0 N		GENERAL LEDGER ACCOUNT NUMBER	GL	3400
GLTYP	1	0 N	GELMAS				TYP	1	0 N		GENERAL LEDGER ACCOUNT TYPE CODE	GL	3410
GLDES	25	A	GELMAS				GLDES	25	A		GENERAL LEDGER ACCOUNT DESCRIPTION	GL	3420
EFLAG	1	0 N	GELMAS				EFLAG	1	0 N		FORMAT FILE EDIT FLAG	GL	3430
ACTYP	2	A	GELMAS				ACTYP	2	A		ACCOUNT TYPE	GL	3440
BALFD	11	2 P	GELMAS				BALFD	11	2 P		BALANCE FORWARD DEBIT	GL	3450
PDR01	11	2 P	GELMAS				JANDR	11	2 P		PERIOD 01 DEBIT	GL	3460
PDR02	11	2 P	GELMAS				FEBDR	11	2 P		PERIOD 02 DEBIT	GL	3470
PDR03	11	2 P	GELMAS				MARDR	11	2 P		PERIOD 03 DEBIT	GL	3480
PDR04	11	2 P	GELMAS				APRDR	11	2 P		PERIOD 04 DEBIT	GL	3490
PDR05	11	2 P	GELMAS				MAYDR	11	2 P		PERIOD 05 DEBIT	GL	3500
PDR06	11	2 P	GELMAS				JUNDR	11	2 P		PERIOD 06 DEBIT	GL	3510
PDR07	11	2 P	GELMAS				JULDR	11	2 P		PERIOD 07 DEBIT	GL	3520
PDR08	11	2 P	GELMAS				AUGDR	11	2 P		PERIOD 08 DEBIT	GL	3530
PDR09	11	2 P	GELMAS				SEPDR	11	2 P		PERIOD 09 DEBIT	GL	3540
PDR10	11	2 P	GELMAS				OCTOR	11	2 P		PERIOD 10 DEBIT	GL	3550
PDR11	11	2 P	GELMAS				NOVDR	11	2 P		PERIOD 11 DEBIT	GL	3560
PDR12	11	2 P	GELMAS				DECDR	11	2 P		PERIOD 12 DEBIT	GL	3570
PDR13	11	2 P	DEFAULT				*0*				PERIOD 13 DEBIT	GL	3580
BALFC	11	2 P	GELMAS				BALFC	11	2 P		BALANCE FORWARD CREDIT	GL	3590
PCR01	11	2 P	GELMAS				JANCR	11	2 P		PERIOD 01 CREDIT	GL	3600
PCR02	11	2 P	GELMAS				FEBCR	11	2 P		PERIOD 02 CREDIT	GL	3610
PCR03	11	2 P	GELMAS				MARCR	11	2 P		PERIOD 03 CREDIT	GL	3620
PCR04	11	2 P	GELMAS				APRCR	11	2 P		PERIOD 04 CREDIT	GL	3630
PCR05	11	2 P	GELMAS				MAYCR	11	2 P		PERIOD 05 CREDIT	G	3640
PCR06	11	2 P	GELMAS				JUNCR	11	2 P		PERIOD 06 CREDIT	GL	3650
PCR07	11	2 P	GELMAS				JULCR	11	2 P		PERIOD 07 CREDIT	GL	3660
PCR08	11	2 P	GELMAS				AUGCR	11	2 P		PERIOD 08 CREDIT	GL	3670
PCR09	11	2 P	GELMAS				SEPCR	11	2 P		PERIOD 09 CREDIT	GL	3680
PCR10	11	2 P	GELMAS				OCTCR	11	2 P		PERIOD 10 CREDIT	GL	3690
PCR11	11	2 P	GELMAS				NOVCR	11	2 P		PERIOD 11 CREDIT	GL	3700
PCR12	11	2 P	GELMAS				DECCR	11	2 P		PERIOD 12 CREDIT	GL	3710
PCR13	11	2 P	DEFAULT				*0*				PERIOD 13 CREDIT	GL	3720
MDATE	6	0 P	COMPUTE				UDATE	7	0 P		DATE OF LAST MAINTENANCE	GL	3730
MTDDR	11	2 P	DEFAULT				*0*				PERIOD TO DATE DEBIT	GL	3740
MTDCR	11	2 P	DEFAULT				*0*				PERIOD TO DATE CREDIT	GL	3750
DROTH	11	2 P	DEFAULT				*0*				OTHER-TO-DATE DEBIT	GL	3760
CROTH	11	2 P	DEFAULT				*0*				OTHER-TO-DATE CREDIT	GL	3770

AMK12—Convert GLFORM to GLFORM

Files

Full file name	System name	Type	Disp	Mode of processing
General Ledger Format (MMAS)	GLFORMX	I		Sequential by key
General Ledger Format (DFAS)	GLFORMY	I		Sequential by key
General Ledger Format (MAPICS)	GLFORM	O		
System Control	SYSCTL	U		Random by key

User switches

- U1 — Converting from MMAS
- U2 — Converting from DFAS

Reports

GLFORM File Conversion Summary

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
CANCL	Cancel	1	242	242	U

Description

This program converts GLFORM from GLFORM (MMAS or DFAS).

Initialization

Executes ROUT1 of the common routines.

Detailed processing steps

Executes ROUT2 of the common routines. Executes ROUT3 of the common routines. Checks for invalid company number (COMNO). Defaults COMNO to 21 if invalid. Adds one or two records to the file if COMNO of 99 is present in GLFORM. The RCDCD for these added records is LF and line number is 3. Checks FTYPE on LF record for 1 or 2. If FTYPE = 1, adds LF record with FTYPE = 1 at last record processing. If FTYPE = 2, adds a second LF record with FTYPE = 2.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

List of Invalid Company Numbers

COMNO	TOTAL NO. OF RECORDS
XX	XXXX
XX	XXXX
TOTAL INVALID COMNO	XXXXXXXX

FILE-GLFORM RCDCD-LF PROGRAM-AMK12 ORDER-01 METHOD-REPLACE SYSMOD-MMAS & DFAS												
----MAPICS----			DATA	SELECTION			-----SOURCE-----			--OWNER--		SEQ NO
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL PRGM
RCDCD	2	A	GLFORM					RCDCD	2	A	RECORD CODE	GL
ACREC	1	A	GLFORM					ACREC	1	A	ACTIVE RECORD CODE	GL
COMNO	2	0 N	GLFORM					COMNO	2	0 N	COMPANY NUMBER	GL
FMTNO	1	0 N	DEFAULT					*0*			FORMAT NUMBER	GL
FTYPE	1	0 N	GLFORM					FTYPE	1	0 N	FORMAT TYPE CODE	GL
FGPNO	4	0 N	GLFORM					GRPNO	4	0 N	FORMAT GROUP NUMBER	GL
LINNO	1	0 N	GLFORM					LINNO	1	0 N	LINE NUMBER	GL
HDESC	40	A	GLFORM					HDESC	46	A	HEADER DESCRIPTION	GL
EDITF	1	N	DEFAULT					*2*			EDIT FLAG	GL
LSTGP	4	0 N	GLFORM					GROUP	4	0 N	LAST GROUP NUMBER ADDED	GL
PCTGP	4	0 N	DEFAULT					*0*			100% OF REVENUE GROUP	GL

FILE-GLFORM RCDCD-LG PROGRAM-AMK12 ORDER-01 METHOD-REPLACE SYSMOD-MMAS & DFAS												
----MAPICS----			DATA	SELECTION			-----SOURCE-----			--OWNER--		SEQ NO
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL PRGM
RCDCD	2	A	GLFORM					RCDCD	2	A	RECORD CODE	GL
ACREC	1	A	GLFORM					ACREC	1	A	ACTIVE RECORD CODE	GL
COMNO	2	0 N	GLFORM					COMNO	2	0 N	COMPANY NUMBER	GL
FMTNO	1	0 N	DEFAULT					*0*			FORMAT NUMBER	GL
FTYPE	1	0 N	GLFORM					FTYPE	1	0 N	TYPE CODE	GL
FGPNO	4	0 N	GLFORM					GRPNO	4	0 N	GROUP NUMBER	GL
LINNO	1	0 N	GLFORM					LINNO	1	0 N	LINE NUMBER	GL
LDESC	40	A	GLFORM					LDESC	46	A	LINE DESCRIPTION	GL
SPACE	1	0 N	GLFORM					SPACE	1	0 N	SPACE AFTER CODE	GL
COLMN	1	A	GLFORM					COLMN	1	A	COLUMN CODE	GL
PCENT	1	A	DEFAULT					* *			100% LINE	GL
GLNO1	7	0 N	GLFORM					GLNO1	7	0 N	G/L ACCOUNT #1	GL

FILE-GLFORM RCDCD-LH PROGRAM-AMK12 ORDER-01 METHOD-REPLACE SYSMOD-MMAS & DFAS												
----MAPICS----			DATA	SELECTION			-----SOURCE-----			--OWNER--		SEQ NO
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL PRGM
RCDCD	2	4	GLFORM					RCDCD	2	A	RECORD CODE	GL
ACREC	1	A	GLFORM					ACREC	1	A	ACTIVE RECORD	GL
COMNO	2	0 N	GLFORM					COMNO	2	0 N	COMPANY NUMBER	GL
FMTNO	1	0 N	DEFAULT					*0*			FORMAT NUMBER	GL
FTYPE	1	0 N	GLFORM					FTYPE	1	0 N	TYPE CODE	GL
FGPNO	4	0 N	GLFORM					FRPNO	4	0 N	GROUP NUMBER	LH
LINNO	1	0 N	GLFORM					LINNO	1	0 N	LINE NUMBER	GL
GLN	56	A	GLFORM					GLNXX	56	0 A	G/L ACCOUNT ARRAY (8 X 7/0)	GL

AMK14—Convert CHECKB to CHECKB

Files

Full file name	System name	Type	Disp	Mode of processing
Check Reconciliation (MMAS)	CHECKBX	I		Sequential by key
Check Reconciliation (DFAS)	CHECKBY	I		Sequential by key
Check Reconciliation (MAPICS)	CHECKB	O		
System Control	SYSCTL	U		Random by key

User switches

U1 — Converting from MMAS
 U2 — Converting from DFAS

Reports

CHECKB File Conversion Summary

LDA

Field name	Field description	Length	Location From	To	Input/Output
COMMON	Company number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts CHECKB from CHECKB (MMAS or DFAS).

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT3 of the common routines for detailed calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

List of Invalid Company Numbers

COMNO	TOTAL NO. OF RECORDS
XX	XXXX
XX	XXXX
TOTAL INVALID COMNO	XXXXXXXX

FILE-CHECKB RCDOD-AH PROGRAM-AMK14																	
ORDER-03 METHOD-REPLACE SYSMOD-MMAS & DFAS																	
----MAPICS----				DATA		SELECTION			-----SOURCE-----				--OWNER--				
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ	NO
RDCOD	2	A		CHECKB				RDCOD	2	A			RECORD CODE	S34			10
ACREC	1	A		CHECKB				ACREC	1	A			ACTIVE RECORD CODE	S34			20
COMNO	2	O	N	LDA									COMPANY NUMBER	S34			30
GLCSH	7	O	N	SYSCTL				CDATE	7	O	P		ACCOUNTS PAYABLE CASH IN BANK ACCOUNT NO	S34			40
CHKNO	6	O	N	CHECKB				CHKNO	6	O	N		CHECK NUMBER	S34			50
GLDIS	7	O	P	SYSCTL				GLDIS					G/L DISCOUNT EARNED ACCOUNT NUMBER	S34			60
VNDNR	6	A		CHECKB				VNDNR	5	A			VENDOR NUMBER	S34			70
CKAMT	11	2	P	CHECKB				CKAMT	11	2	P		CHECK AMOUNT	S34			80
CDATE	6	O	N	CHECKB				CDATE	6	O	N		CHECK DATE	S34			90
WCODE	1	A		DEFAULT				• •					MAINTENANCE WORK CODE	S34			100

AMK16—Convert OPNPAY to OPNPAY

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Open Payables (MMAS)	OPNPAYX	I		Sequential by key
Open Payables (DFAS)	OPNPAYY	I		Sequential by key
Open Payables (MAPICS)	OPNPAY	O		

User switches

- U1 — Converting from MMAS
- U2 — Converting from DFAS

Reports

OPNPAY File Conversion Summary

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
COMMON	Company name	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts OPNPAY from OPNPAY (MMAS or DFAS)

Initialization

Executes ROUT1 of the common routine.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Does conversion calculations.

End-of-job processing

Executes ROUT4 of common routines.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

List of Truncated GRAMT, DSAMT AND PPATD Fields

VNDNR	RCDCD	DSSNO	GRAMT	DSAMT	PPATD
XXXXX	XX	XXX	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXX

List of Invalid Company Numbers

COMNO	TOTAL NO. OF RECORDS
XX	XXXX
XX	XXXX
TOTAL INVALID COMNO	XXXXXXXX

Conversion calculations

File: OPNPAY

Record code: AM, AN, AO

File	Field	Test	Action
OPNPAY	ACREC	ACREC = D	Record not added to MAPICS file
OPNPAY	COMNO	invalid company number in SYSCTL	Add 1 to error count; add record to file; and at last record, print invalid company numbers and the number of records.
OPNPAY	DGRAM	>9,999,999.99	Print the record and add it to OPNPAY.
OPNPAY	DDSAM	>99,999.99	Print the record and add it to OPNPAY.
OPNPAY	DPATD	>9,999,999.99	Print the record and add it to OPNPAY.

FILE-OPNPAY RCDCD-AM PROGRAM-AMK16 ORDER-04 METHOD-REPLACE SYSMOD-MMAS & DFAS															
----MAPICS----			DATA	SELECTION			-----SOURCE-----			--OWNER--					
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLO/DFT	LEN	D	F	MAPICS DESCRIPTION	APPL	PRGM	SEQ NO
ACREC	1	A		OPNPAY				ACREC	1	A		ACTIVE RECORD CODE	S34		9990
COMND	2	O	N	LDA								COMPANY NUMBER	S34		10000
VNDNR	6	A		OPNPAY				VNDNR	5	A		VENDOR NUMBER	S34		10010
PASND	5	O	N	OPNPAY				PASND	5	O	N	PAYMENT SELECTION NUMBER	S34		10020
RCDCD	2	A		OPNPAY				RCDCD	2	A		RECORD CODE	S34		10030
DSSNO	3	O	N	OPNPAY				DSSNO	3	O	N	DISTRIBUTION SEQUENCE NUMBER	S34		10040
ASSIG	6	A		DEFAULT				' '				ASSIGNEE NUMBER	S34		10050
GRAMT	11	2	P	OPNPAY				GRAMT	11	2	P	GROSS AMOUNT	S34		10060
DSAMT	9	2	P	OPNPAY				DSAMT	9	2	P	DISCOUNT AMOUNT	S34		10070
PPATD	11	2	P	OPNPAY				PPATD	11	2	P	PARTIAL PAY AMOUNT TO DATE	S34		10080
PPCUR	11	2	P	OPNPAY				PPCUR	9	2	P	PARTIAL PAY AMOUNT CURRENT	S34		10090
ADESC	20	A		OPNPAY				TDESC	20	A		INVOICE DESCRIPTION	S34		10100
GLAND	7	O	N	OPNPAY				GLAND	7	O	N	GENERAL LEDGER ACCOUNT NUMBER	S34		10110
DRCRC	1	A		OPNPAY				DRCRC	1	A		GENERAL LEDGER DEBIT OR CREDIT CODE	S34		10120
JRFND	8	A		OPNPAY				JRFND	8	A		JOURNAL REFERENCE NUMBER	S34		10130
GLCSH	7	O	N	OPNPAY				GLCSH	7	O	N	G/L CASH-IN-BANK ACCOUNT NUMBER	S34		10140
GLDIS	7	O	N	OPNPAY				GLDIS	7	O	N	G/L DISCOUNT ACCOUNT NUMBER	S34		10150
INVND	10	A		OPNPAY				INVND	10	A		INVOICE NUMBER	S34		10160
INVDT	6	O	N	OPNPAY				INVDT	6	O	N	INVOICE DATE	S34		10170
DUEDT	6	O	N	OPNPAY				DUEDT	6	O	N	DUE DATE	S34		10180
HALTC	1	A		OPNPAY				HALTC	1	A		HALT CODE	S34		10190
CHKND	6	O	N	OPNPAY				CHKND	6	O	N	CHECK NUMBER	S34		10200
PAIDK	1	O	N	OPNPAY				PAIDK	1	O	N	PAID KEY	S34		10210
PAYID	1	O	N	OPNPAY				PAYID	1	O	N	PAY INDICATOR	S34		10220
SDIND	1	O	N	OPNPAY				SDIND	1	O	N	SYSTEM DISCOUNT INDICATOR	S34		10230
FDIND	1	O	N	OPNPAY				FDIND	1	O	N	FORCED DISCOUNT INDICATOR	S34		10240
YNAMA	10	A		OPNPAY				YNAMA	10	A		VENDOR NAME ABBREVIATION	S34		10250
PJDAT	6	O	N	DEFAULT				*0*				PURCHASE JOURNAL ENTRY DATE	S34		10260
CCDAT	6	O	N	DEFAULT				*0*				CASH DISBURSEMENT JOURNAL ENTRY DATE	S34		10270
MOATE	6	O	N	DEFAULT				*0*				DATE THIS RECORD LAST MAINTAINED	S34		10280

FILE-OPNPAY RCDCD-AN PROGRAM-AMK16
ORDER-04 METHOD-REPLACE SYSMOD-MMAS & DFAS

----MAPICS----	DATA	SELECTION	----SOURCE----	--OWNER--	
FIELD LEN D F	SOURCE	RCD M1 M2 FLD/DFT LEN D F	MAPICS DESCRIPTION	APPL PRGM	SEQ NO
ACREC 1 A	OPNPAY		ACREC 1 A ACTIVE RECORD CODE	S34	10290
COMNO 2 0 N	LDA		COMPANY NUMBER	S34	10300
VNDNR 6 A	OPNPAY		VNDNR 5 A VENDOR NUMBER	S34	10310
PASNO 5 0 N	OPNPAY		PASNO 5 0 N PAYMENT SELECTION NUMBER	S34	10320
RCDCD 2 A	OPNPAY		RCDCD 2 A RECORD CODE	S34	10330
DSSNO 3 0 N	OPNPAY		DSSNO 3 0 N DISTRIBUTION SEQUENCE NUMBER	S34	10340
ASSIG 6 A	DEFAULT	* *	ASSIGNEE NUMBER	S34	10350
DGRAM 9 2 P	OPNPAY		GRAMT 11 2 P LINE ITEM GROSS AMOUNT	S34	10360
DDSAM 7 2 P	OPNPAY		DSAMT 9 2 P LINE ITEM DISCOUNT AMOUNT	S34	10370
DPATD 9 2 P	OPNPAY		PPATD 11 2 P LINE ITEM PARTIAL PAY AMOUNT TO DATE	S34	10380
DPCUR 9 2 P	OPNPAY		PPCUR 9 2 P LINE ITEM PARTIAL PAY AMOUNT CURRENT	S34	10390
TDESC 15 A	OPNPAY		TDESC 20 A LINE ITEM DESCRIPTION	S34	10400
GLAND 7 0 N	OPNPAY		GLAND 7 0 N GENERAL LEDGER ACCOUNT NUMBER	S34	10410
DRCRC 1 A	OPNPAY		DRCRC 1 A G/L DEBIT OR CREDIT CODE	S34	10420
JRFNO 8 A	OPNPAY		JRFNO 8 A JOURNAL REFERENCE NUMBER	S34	10430
MITON 15 A	OPNPAY		ITNBR 10 A MISCELLANEOUS CHARGE DETAIL NO	S34	10440
QUANT 7 0 N	OPNPAY		QUANT 7 0 P QUANTITY	S34	10450
ORDNO 7 A	OPNPAY		JOBNO 6 A ORDER NUMBER	S34	10460
COSTY 1 A	OPNPAY		COSTY 1 A COST TYPE	S34	10470
FCADD 1 A	DEFAULT	* *	FORCE ADD CODE	S34	10480

FILE-OPNPAY RCDCD-AD PROGRAM-AMK16
ORDER-04 METHOD-REPLACE SYSMOD-MMAS & DFAS

----MAPICS----	DATA	SELECTION	----SOURCE----	--OWNER--	
FIELD LEN D F	SOURCE	RCD M1 M2 FLD/DFT LEN D F	MAPICS DESCRIPTION	APPL PRGM	SEQ NO
ACREC 1 A	OPNPAY		ACREC 1 A ACTIVE RECORD CODE	S34	10490
COMNO 2 0 N	LDA		COMPANY NUMBER	S34	10500
VNDNR 6 A	OPNPAY		VNDNR 5 0 N VENDOR NUMBER	S34	10510
PASNO 5 0 N	OPNPAY		PASNO 5 0 N PAYMENT SELECTION NUMBER	S34	10520
RCDCD 2 A	OPNPAY		RCDCD 2 A RECORD CODE	S34	10530
DSSNO 3 0 N	OPNPAY		DSSNO 3 0 N DISTRIBUTION SEQUENCE NUMBER	S34	10540
ASSIG 6 A	DEFAULT	* *	ASSIGNEE NUMBER	S34	10550
VNAME 25 A	OPNPAY		VNAME 25 A VENDOR NAME	S34	10560
VADD1 25 A	OPNPAY		VADD1 25 A VENDOR ADDRESS LINE 1	S34	10570
VADD2 25 A	OPNPAY		VADD2 25 A VENDOR ADDRESS LINE 2	S34	10580
VADD3 25 A	OPNPAY		VADD3 25 A VENDOR ADDRESS LINE 3	S34	10590
VZIPC 8 A	DEFAULT	* *	VENDOR ZIP CODE	S34	10600

AMK18—Convert VENNAM to VENNAM

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Vendor Master	VENNAMX	I		Sequential by key
Vendor Master (MAPICS)	VENNAM	O		

User switches

None

Reports

VENNAM File Conversion Summary

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
CANCL	Cancel	1	242	242	U

Description

This program converts VENNAM from VENNAM (MMAS or DFAS).

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: VENNAM

Record code: AA

File	Field	Test	Action
VENNAM	VNDNR		Changes VNDNR from 5 positions to 6 positions

FILE-VENNAM RCDCD-AA PROGRAM-AMK18 ORDER-05 METHOD-REPLACE SYSMOD-MMAS & DFAS															
----MAPICS----			DATA	SELECTION			-----SOURCE----			--OWNER--					
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS DESCRIPTION	APPL	PRGM	SEQ NO
RCDCD	2	A		VENNAM				RCDCD	2	A		RECORD CODE	S34		13990
ACREC	1	A		VENNAM				ACREC	1	A		ACTIVE RECORD CODE	S34		14000
VNDNR	6	A		VENNAM				VNDNR	5	A		VENDOR NUMBER	S34		14010
VNAME	25	A		VENNAM				VNAME	25	A		VENDOR NAME	S34		14020
VADD1	25	A		VENNAM				VADD1	25	A		VENDOR ADDRESS LINE 1	S34		14030
VADD2	25	A		VENNAM				VADD2	25	A		VENDOR ADDRESS LINE 2	S34		14040
VADD3	25	A		VENNAM				VADD3	25	A		VENDOR ADDRESS LINE 3	S34		14050
VZIPC	5	O	N	DEFAULT				*O*				VENDOR ZIP CODE	S34		14060
FILO3	3	A		DEFAULT				* *				FILLER	S34		14070
VNAMA	10	A		VENNAM				VNAMA	10	A		VENDOR NAME ABBREVIATION	S34		14080
VETEL	10	A		VENNAM				VETEL	10	A		VENDOR TELEPHONE NUMBER	S34		14090
DLTDA	13	2	P	VENNAM				DLTDA	13	2	P	DOLLARS TO DATE	S34		14100
DLYTD	11	2	P	VENNAM				DLYTD	11	2	P	DOLLARS YEAR-TO-DATE	S34		14110
DLPYR	11	2	P	VENNAM				DLPYR	11	2	P	DOLLAR LAST YEAR	S34		14120
LPADA	6	O	N	VENNAM				LPADA	6	O	N	LAST PAYMENT DATE	S34		14130
DSYTD	11	2	P	VENNAM				DSYTD	11	2	P	DISCOUNT TAKEN YEAR-TO-DATE	S34		14140
DSPYR	11	2	P	VENNAM				DSPYR	11	2	P	DISCOUNT TAKEN LAST YEAR	S34		14150
DSLDS	11	2	P	VENNAM				DSLDS	11	2	P	DISCOUNT LAST YEAR-TO-DATE	S34		14160
DSLDPY	11	2	P	VENNAM				DSLDPY	11	2	P	DISCOUNT LOSS LAST YEAR	S34		14170
MDATE	6	O	P	VENNAM				MDATE	7	O	P	DATE OF LAST MAINTENANCE	S34		14180

AMK20—Convert CHECKR and EMPMAS to CHECKR

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Check Reconciliation	CHECKRX	I		Sequential by key
Payroll Check Reconciliation (MAPICS)	CHECKR	O		
Employee Master	EMPMAS	I		Random by key

User switches

None

Reports

CHECKR File Conversion Summary

LDA

Field name	Field description	Length	Location From	To	Input/Output
COMNON	Company number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts CHECKR from CHECKR (MMAS or DFAS).

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: CHECKR

Record code: PA

File	Field	Test	Action
CHECKR	PROCD		Searches EMPMAS for PROCD value

FILE-CHECKR RCDCD-PA PROGRAM-AMK20 ORDER-09 METHOD-REPLACE SYSMOD-MMAS & DFAS														
----MAPICS----			DATA		SELECTION			----SOURCE----			--OWNER--			
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ NO
RCDCD	2	A	CHECKR				RCDCD	2	A		RECORD CODE	PR		110
ACREC	1	A	CHECKR				ACREC	1	A		ACTIVE RECORD CODE	PR		120
COMNO	2	0 N	LDA								COMPANY NUMBER	PR		130
CHKNO	6	0 N	CHECKR				CHKNO	6	0 N		CHECK NUMBER	PR		140
EMPNO	5	0 N	CHECKR				EMPNO	5	0 N		EMPLOYEE NUMBER	PR		150
CHKAM	9	2 P	CHECKR				CKAMT	9	2 P		CHECK AMOUNT	PR		160
CDATE	6	0 N	CHECKR				CDATE	6	0 N		CHECK DATE	PR		170
PROCD	1	A	DEFAULT				* *				PROTECTED CODE	PR		180
PSTCD	1	A	DEFAULT				* *				POSTING CODE	PR		190

AMK22—Convert DISTRB to DISTRB

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Deduction Distribution	DISTRBX	I		Sequential by key
Deduction Distribution	DISTRB	O		

User switches

None

Reports

DISTRB File Conversion Summary

LDA

Field name	Field description	Length	Location From	To	Input/Output
COMMON	Company number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts DISTRB from DISTRB (MMAS or DFAS).

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Does no calculations for this conversion.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

FILE-DISTRB RCDCD-PD PROGRAM-AMK22														
ORDER-06 METHOD-REPLACE SYSMOD-MMAS & DFAS														
----MAPICS----			DATA			SELECTION			-----SOURCE-----			--OWNER--		
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ NO
RCDCD	2	A	DISTRB				RCDCD	2	A		RECORD CODE	PR		2140
ACREC	1	A	DISTRB				ACREC	1	A		ACTIVE RECORD CODE	PR		2150
COMNO	2	O N	LDA								COMPANY NUMBER	PR		2160
DISTC	1	A	DISTRB				DISTC	1	A		DISTRIBUTION CODE	PR		2170
DISNO	3	O N	DISTRB				DISNO	3	O N		DISTRIBUTION NUMBER	PR		2180
UTYPE	2	O N	DISTRB				UTYPE	2	O N		UNION DEDUCTION TYPE	PR		2190
GALNO	7	O P	DISTRB				GLANO	7	O N		GENERAL LEDGER NO	PR		2200
DESCR	15	A	DISTRB				DESCR	15	A		DESCRIPTION	PR		2210
MDATE	6	O P	COMPUTE				UDATE	7	O P		MAINTENANCE DATE	PR		2220

AMK24—Convert EMPDED to EMPDED

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Employee Misc. Deduction	EMPDEDX	I		Sequential by key
Employee Misc. Deductions (MAPICS)	EMPDED	O		

User switches

None

Reports

EMPDED File Conversion Summary

LDA

Field name	Field description	Length	Location From	To	Input/Output
COMMON	Company number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts EMPDED from EMPDED (MMAS or DFAS).

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Does no calculations for this conversion.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

FILE-EMPDED RCDCD-PF PROGRAM-AMK24 ORDER-07 METHOD-REPLACE SYSMOD-MMAS & DFAS													
----MAPICS----			DATA	SELECTION			----SOURCE----			--OWNER--			
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL PRGM	SEQ NO
RCDCD	2	A	EMPDED				RCDCD	2	A		RECORD CODE	PR	2230
ACREC	1	A	EMPDED				ACREC	1	A		ACTIVE RECORD CODE	PR	2240
COMNO	2	0 N	LDA								COMPANY NUMBER	PR	2250
EMPNO	5	0 N	EMPDED				EMPNO	5	0 N		EMPLOYEE NUMBER	PR	2260
DEDNO	3	0 N	EMPDED				DEDNO	3	0 N		DEDUCTION NUMBER	PR	2270
DEDAM	5	2 P	EMPDED				DEDAM	5	2 P		DEDUCTION AMOUNT	PR	2280
DEDPC	3	1 P	EMPDED				DEDPC	3	3 N		DEDUCTION PERCENT	PR	2290
DEDHR	5	3 P	EMPDED				DEDHR	5	3 P		DEDUCTION HOURLY RATE	PR	2300
DEDTD	9	2 P	EMPDED				DEDTD	9	2 P		DEDUCTION AMOUNT, TO-DATE	PR	2310
MXDED	9	2 P	EMPDED				MXDED	9	2 P		DEDUCTION LIMIT AMOUNT	PR	2320
PFREQ	1	0 N	EMPDED				PFREQ	1	0 N		DEDUCTION FREQUENCY	PR	2330
IRADC	1	A	DEFAULT				* *				INDIVIDUAL RETIREMENT ACCT. DEDUCTION CO	PR	2340
MDATE	6	0 P	COMPUTE				UDATE	7	0 P		MAINTENANCE DATE	PR	2350

AMK26—Convert EMPMAS to EMPMAS

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Employee Master (MMAS)	EMPMASX	I		Sequential by key
Employee Master (DFAS)	EMPMASY	I		Sequential by key
Employee Master (MAPICS)	EMPMAS	O		

User switches

U1 — Converting from MMAS
 U2 — Converting from DFAS

Reports

EMP MAS File Conversion Summary

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
COMMON	Company number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts EMPMAS from EMPMAS (MMAS or DFAS).

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: EMPMAS

Record code: PE

File	Field	Test	Action
EMP MAS	PAYTY	PAYTY = P	Changes PAYTY to S and puts P in PROCD
	PROCD		Sets PROCD to blanks unless overlaid from PAYTY = P

FILE-EMPMAS RCDCD-PE PROGRAM-AMK26 ORDER-08 METHOD-REPLACE SYSMOD-MMAS & DFAS															
----MAPICS----			DATA	SELECTION			-----SOURCE----			--OWNER--					
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS DESCRIPTION	APPL	PRGM	SEQ NO
RCDCD	2	A		EMPMAS				RCDCD	2	A		RECORD CODE	PR		2360
ACREC	1	A		EMPMAS				ACREC	1	A		ACTIVE RECORD CODE	PR		2370
EMPNO	5	0	N	EMPMAS				EMPNO	5	N		EMPLOYEE NUMBER	PR		2380
COMNO	2	0	N	LDA								COMPANY NUMBER	PR		2390
ENAME	25	A		EMPMAS				ENAME	20	A		EMPLOYEE NAME	PR		2400
STRAD	20	A		EMPMAS				STRAD	20	A		STREET ADDRESS	PR		2410
CTYST	20	A		EMPMAS				CTYST	20	A		CITY STATE	PR		2420
ZIPCD	5	0	N	EMPMAS				ZIPCD	5	0	P	ZIP CODE	PR		2430
UNINO	3	0	P	EMPMAS				UNINO	3	0	P	UNION CODE	PR		2440
OCCDS	10	A		EMPMAS				OCCDS	10	A		OCCUPATION DESCRIPTION	PR		2450
PENSN	1	A		EMPMAS				PENSN	1	A		PENSION CODE	PR		2460
BEGDT	6	0	P	EMPMAS				BEGDT	6	0	N	BEGINNING DATE	PR		2470
TERDT	6	0	P	EMPMAS				TERDT	6	0	N	TERMINATING DATE	PR		2480
PFREC	2	A		EMPMAS				PFREC	2	A		PAY FREQUENCY CODE	PR		2490
PAYTY	1	A		EMPMAS				PAYTY	1	A		PAY TYPE	PR		2500
SOSNO	9	0	P	EMPMAS				SOSNO	9	0	P	SOCIAL SECURITY	PR		2510
MARST	1	A		EMPMAS				MARST	1	A		MARITAL STATUS	PR		2520
SALRY	7	2	P	EMPMAS				SALRY	7	2	P	SALARY	PR		2530
REGRT	5	3	P	EMPMAS				REGRT	5	3	P	REGULAR HOURLY RATE	PR		2540
OVRT	5	3	P	EMPMAS				OVRT	5	3	P	OVERTIME HOURLY RATE	PR		2550
PRERT	5	3	P	EMPMAS				PRERT	5	3	P	PREMIUM HOURLY RATE	PR		2560
FEDEX	2	0	N	EMPMAS				FEDEX	2	0	N	FEDERAL EXEMPTIONS	PR		2570
FITCD	1	A		EMPMAS				FITCD	1	A		FIT CODE	PR		2580
XFITD	5	2	P	EMPMAS				XFITP	2	0	N	EXTRA FIT DOLLARS	PR		2590
XFITP	3	1	P	EMPMAS				XFITP	2	0	N	EXTRA FIT PERCENT	PR		2600
FICAC	1	A		EMPMAS				FICAC	1	A		FICA CODE	PR		2610
FITQ1	9	2	P	EMPMAS				FITQ1	7	2	P	FIRST QUARTER FIT	PR		2620
FITQ2	9	2	P	EMPMAS				FITQ2	7	2	P	SECOND QUARTER FIT	PR		2630
FITQ3	9	2	P	EMPMAS				FITQ3	7	2	P	THIRD QUARTER FIT	PR		2640
FITQ4	9	2	P	EMPMAS				FITQ4	7	2	P	FOURTH QUARTER FIT	PR		2650
FICQ1	7	2	P	EMPMAS				FICQ1	7	2	P	FIRST QUARTER FICA	PR		2660
FICQ2	7	2	P	EMPMAS				FICQ2	7	2	P	SECOND QUARTER FICA	PR		2670
FICQ3	7	2	P	EMPMAS				FICQ3	7	2	P	THIRD QUARTER FICA	PR		2680
FICQ4	7	2	P	EMPMAS				FICQ4	7	2	P	FOURTH QUARTER FICA	PR		2690
GREQ1	9	2	P	EMPMAS				GREQ1	9	2	P	FIRST QUARTER GROSS EARN	PR		2700
GREQ2	9	2	P	EMPMAS				GREQ2	9	2	P	SECOND QUARTER GROSS EARNINGS	PR		2710
GREQ3	9	2	P	EMPMAS				GREQ3	9	2	P	THIRD QUARTER GROSS EARNINGS	PR		2720
GREQ4	9	2	P	EMPMAS				GREQ4	9	2	P	FOURTH QUARTER GROSS EARNINGS	PR		2730
GRTQ1	9	2	P	EMPMAS				GRTQ1	9	2	P	FIRST QUARTER GROSS TAXABLE	PR		2740
GRTQ2	9	2	P	EMPMAS				GRTQ2	9	2	P	SECOND QUARTER GROSS TAXABLE	PR		2750
GRTQ3	9	2	P	EMPMAS				GRTQ3	9	2	P	THIRD QUARTER GROSS TAXABLE	PR		2760
GRTQ4	9	2	P	EMPMAS				GRTQ4	9	2	P	FOURTH QUARTER GROSS TAXABLE	PR		2770
SIKQ1	7	2	P	EMPMAS				SIKQ1	7	2	P	FIRST QUARTER SICK PAY	PR		2780
SIKQ2	7	2	P	EMPMAS				SIKQ2	7	2	P	SECOND QUARTER SICK PAY	PR		2790
SIKQ3	7	2	P	EMPMAS				SIKQ3	7	2	P	THIRD QUARTER SICK PAY	PR		2800
SIKQ4	7	2	P	EMPMAS				SIKQ4	7	2	P	FOURTH QUARTER SICK PAY	PR		2810

----MAPICS----			DATA	SELECTION			----SOURCE----			--OWNER--					
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ	NO
WWRQ1	2	0 N	EMPMAS				WWRQ1	2	0 N	FIRST	QUARTERS WEEKS WORKED	PR		2820	
WWRQ2	2	0 N	EMPMAS				WWRQ2	2	0 N	SECOND	QUARTER WEEKS WORKED	PR		2830	
WWRQ3	2	0 N	EMPMAS				WWRQ3	2	0 N	THIRD	QUARTER WEEKS WORKED	PR		2840	
WWRQ4	2	0 N	EMPMAS				WWRQ4	2	0 N	FOURTH	QUARTER WEEKS WORKED	PR		2850	
WHYTD	7	2 P	DEFAULT				*0*			HOURS	WORKED YEAR-TO-DATE	PR		2860	
HHYTD	7	2 P	DEFAULT				*0*			HOLIDAY	HOURS TAKEN YEAR-TO-DATE	PR		2870	
VHYTD	7	2 P	EMPMAS				VHYTD	7	2 P	VACATIONS	HOURS YEAR-TO-DATE	PR		2880	
VEYTD	7	0 P	DEFAULT				*0*			VACATION	HOURS EARNED	PR		2890	
SHYTD	5	2 P	EMPMAS				SHYTD	5	2 P	SICK	HOURS YEAR-TO-DATE	PR		2900	
STATC	3	0 P	EMPMAS				STATC	3	0 N	STATE	CODE OVERRIDE	PR		2910	
CONTC	3	0 P	DEFAULT				*0*			COUNTY	CODE OVERRIDE	PR		2920	
LOCCD	3	0 P	EMPMAS				LOCCD	3	0 N	LOCAL	CODE	PR		2930	
SHFTC	1	0 N	EMPMAS				SHFTC	1	0 N	STANDARD	WORKING SHIFT	PR		2940	
WCOMC	5	0 P	EMPMAS				WCOMC	1	0 N	WORKMAN'S	COMPENSATION CODE	PR		2950	
HDEPT	4	A	EMPMAS				HDEPT	2	A	HOME	DEPARTMENT	PR		2960	
HWORK	5	A	DEFAULT				* *			HOME	WORK CENTER	PR		2970	
MDATE	6	0 P	EMPMAS				MDATE	7	0 P	MAINTENANCE	DATE	S34		2980	
APRNT	1	A	COMPUTE							MAIL	CHECK CODE	PR		2990	
PROCD	1	A	DEFAULT				* *			PROTECTED	CODE	PR		3000	
MINCD	1	A	EMPMAS				MINCD	1	A	MINORITY	CODE	PR		3010	
AREAC	3	0 P	DEFAULT				*0*			AREA	CODE	PR		3020	
PHONE	7	0 P	DEFAULT				*0*			PHONE		PR		3030	
OVHTD	7	2 P	DEFAULT				*0*			OVERTIME	HOURS YEAR-TO-DATE	PR		3040	

AMK28—Convert EMPSTL to EMPSCL

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Employee State and Local	EMPSTLX	I		Sequential by key
Employee State and Local	EMPSCL	O		

User switches

None

Reports

EMPSCL File Conversion Summary

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
COMMON	Company number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts EMPSCL from EMPSTL (MMAS or DFAS).

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

FILE-EMPSC L RCD CD-PG PROGRAM-AMK28
 ORDER-10 METHOD-REPLACE SYSMOD-MMAS & DFAS

----MAPICS----			DATA	SELECTION	-----SOURCE-----			--OWNER--	SEQ NO				
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLO/DFT	LEN	D F	MAPICS DESCRIPTION	APPL	PRGM	SEQ NO
RCOCD	2	A	EMPSTL				RCOCD	2	A	RECORD CODE	PR		3050
ACREC	1	A	EMPSTL				ACREC	1	A	ACTIVE RECORD CODE	PR		3060
COMNO	2	0	N LDA							COMPANY NUMBER	PR		3070
EMPNO	5	0	N EMPSTL				EMPNO	5	0	N EMPLOYEE NUMBER	PR		3080
TYPCD	1	A	EMPSTL				TYPCD	1	A	TYPE CODE	PR		3090
STLCC	3	0	N EMPSTL				STLCC	3	0	N STATE OR LOCAL NUMBER	PR		3100
ATXQ1	9	2	P EMPSTL				ATXQ1	9	2	N FIRST QUARTER TAXABLE GROSS	PR		3110
ATXQ2	9	2	P EMPSTL				ATXQ2	9	2	N SECOND QUARTER TAXABLE GROSS	PR		3120
ATXQ3	9	2	P EMPSTL				ATXQ3	9	2	N THIRD QUARTER TAXABLE GROSS	PR		3130
ATXQ4	9	2	P EMPSTL				ATXQ4	9	2	N FOURTH QUARTER TAXABLE GROSS	PR		3140
TAXQ1	9	2	P EMPSTL				TAXQ1	7	2	P FIRST QUARTER TAX	PR		3150
TAXQ2	9	2	P EMPSTL				TAXQ2	7	2	P SECOND QUARTER TAX	PR		3160
TAXQ3	9	2	P EMPSTL				TAXQ3	7	2	P THIRD QUARTER TAX	PR		3170
TAXQ4	9	2	P EMPSTL				TAXQ4	7	2	P FOURTH QUARTER TAX	PR		3180
EXEMP	2	0	N EMPSTL				EXEMP	2	0	N EXEMPTIONS	PR		3190
EXMP1	2	0	N EMPSTL				EXMP1	2	0	N ADDITIONAL EXEMPTIONS - 1	PR		3200
EXMP2	2	0	N EMPSTL				EXMP2	2	0	N ADDITIONAL EXEMPTIONS - 2	PR		3210
XFITD	5	2	P EMPSTL				XFITD	3	0	N EXTRA WITHHELD DOLLAR AMOUNT	PR		3220
XFITP	3	1	P EMPSTL				XFITP	2	0	N EXTRA WITHHELD PERCENT OF GROSS	PR		3230
MARST	1	A	EMPSTL				MARST	1	A	TAX MARITAL STATUS	PR		3240
SDEDL	1	0	N EMPSTL				SDEDL	1	0	N STANDARD DED. LIMIT	PR		3250
SGRML	1	0	N EMPSTL				SGRML	1	0	N GROSS MINIMUM LIMIT	PR		3260
SFDM L	1	0	N EMPSTL				SFDM L	1	0	N FIT MAXIMUM LIMITS	PR		3270
STXE1	2	0	N EMPSTL				STXE1	2	0	N TAX CREDIT EXEMPTIONS-1	PR		3280
STXE2	2	0	N EMPSTL				STXE2	2	0	N TAX CREDIT EXEMPTIONS-2	PR		3290
STXE3	2	0	N EMPSTL				STXE3	2	0	N TAX CREDIT EXEMPTIONS-3	PR		3300
WKWQ1	2	0	N EMPSTL				WKWQ1	2	0	N FIRST QUARTER WEEKS WORKED	PR		3310
WKWQ2	2	0	N EMPSTL				WKWQ2	2	0	N SECOND QUARTER WEEKS WORKED	PR		3320
WKWQ3	2	0	N EMPSTL				WKWQ3	2	0	N THIRD QUARTER WEEKS WORKED	PR		3330
WKWQ4	2	0	N EMPSTL				WKWQ4	2	0	N FOURTH QUARTER WEEKS WORKED	PR		3340
MDATE	6	0	P COMPUTE				UDATE	7	0	P MAINTENANCE DATE	PR		3350
SLPTW	3	P	DEFAULT				*100*			PERCENT OF TAX WITHHELD	PR		3360

AMK30—Convert LABDIS to LABDIS

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Labor Distribution (MMAS)	LABDISX	I		Sequential by key
Labor Distribution (DFAS)	LABDISY	I		Sequential by key
Labor Distribution (MAPICS)	LABDIS	O		

User switches

U1 — Converting from MMAS

U2 — Converting from DFAS

Reports

LABDIS File Conversion Summary

LDA

Field name	Field description	Length	Location From	Location To	Input/Output
COMMON	Company number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts LABDIS from LABDIS (MMAS or DFAS).

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

FILE-LABDIS RCDCD-PL PROGRAM-AMK30 ORDER-11 METHOD-REPLACE SYSMOD-MMAS & DFAS													
----MAPICS----			DATA		SELECTION			-----SOURCE-----			--OWNER--		
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL PRGM	SEQ NO
RCDCD	2	A	LABDIS				RCDCD	2	A		RECORD CODE	PR	7570
ACREC	1	A	LABDIS				ACREC	1	A		ACTIVE RECORD CODE	PR	7580
COMNO	2	O N	LDA								COMPANY NUMBER	PR	7590
OPTNO	4	A	LABDIS				DPTNO	2	A		DEPARTMENT NUMBER	PR	7600
WKCTR	5	A	LABDIS				WORKC	4	A		WORK CENTER NUMBER	PR	7610
CNAME	15	A	LABDIS				CNAME	15	A		DESCRIPTION	PR	7620
LGLNO	7	O P	LGLNO				GLANO	7	O N		LABOR GENERAL LEDGER NUMBER	PR	7630
SGLNO	7	O P	LABDIS				SGLNO	7	O N		SETUP GENERAL LEDGER NUMBER	PR	7640
LDATE	6	O P	LABDIS				LDATE	6	O P		DATE OF LAST ACTIVITY	PR	7650
YREGH	9	2 P	LABDIS				YREGH	9	2 P		REGULAR HOURS YEAR-TO-DATE	PR	7660
YOVHR	7	2 P	LABDIS				YOUHR	7	2 P		OVERTIME HOURS YEAR-TO-DATE	PR	7670
YREGD	11	2 P	LABDIS				YREGS	11	2 P		REGULAR DOLLARS YEAR-TO-DATE	PR	7680
YOVRTD	11	2 P	LABDIS				YOVRTS	11	2 P		OVERTIME DOLLARS YEAR-TO-DATE	PR	7690
YQUAN	9	O P	LABDIS				YQUAN	9	O P		QUANTITY YEAR-TO-DATE	PR	7700
YMSCD	9	2 P	LABDIS				YMSCS	9	2 P		MISCELLANEOUS DOLLAR YEAR-TO-DATE	PR	7710
MDATE	6	O P	COMPUTE				UDATE	6	O P		MAINTENANCE DATE	PR	7720

AMK32—Convert TAXTBL to TAXTBL

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Tax Table	TAXTBLX	I		Sequential by key
Tax Table (MAPICS)	TAXTBL	O		

User switches

None

Reports

TAXTBL File Conversion Summary

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
CANCL	Cancel	1	242	242	U

Description

This program converts TAXTBL from TAXTBL (MMAS or DFAS).

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. If SDMN2 ≠ 0; moves SDMN2 to SDMN1, then moves 0 to SDMN2. If SDMX2 ≠ 0; moves SDMX2 to SDMX1, then moves 0 to SDMX2. If FMAX2 ≠ 0; moves FMAX2 to FMAX1, then moves 0 to FMAX2. If GTMN2 ≠ 0; moves GTMN2 to GTMN1, then moves 0 to GTMN2. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: TAXTBL

Record code: PN

File	Field	Test	Action
TAXTBL	SDMN2	If ≠ 0,	Moves SDMN2 to SDMN1 and sets SDMN2 to 0
TAXTBL	SDMX2	If ≠ 0,	Moves SDMX2 to SDMX1 and sets SDMX2 to 0
TAXTBL	FMAX2	If ≠ 0,	Moves FMAX2 to FMAX1 and sets FMAX2 to 0
TAXTBL	GTMN2	If ≠ 0,	Moves GTMN2 to GTMN1 and sets GTMN2 to 0

FILE-TAXTBL RCDCD-PN PROGRAM-AMK32
 ORDER-12 METHOD-REPLACE SYSMOD-MMAS & DFAS

----MAPICS----		DATA		SELECTION		----SOURCE----		DESCRIPTION		--OWNER--		SEQ NO	
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLO/DFT	LEN	D	F	APPL PRGM	SEQ NO
RCDCD	2	A		TAXTBL				RCDCD	2	A		PR	13400
ACREC	1	A		TAXTBL				ACREC	1	A		PR	13410
PFREC	2	A		TAXTBL				PFREC	2	A		PR	13420
MARST	1	A		TAXTBL				MARST	1	A		PR	13430
DISTC	1	A		TAXTBL				DISTC	1	A		PR	13440
DISNO	3	0	N	TAXTBL				DISNO	3	0	N	PR	13450
TXEQU	2	0	N	TAXTBL				TXEQU	2	0	N	PR	13460
SSDCD	1	0	N	TAXTBL				SSDCD	1	0	N	S34	13470
SSDPT	3	1	N	TAXTBL				SSDPT	3	1	N	PR	13480
SSDAM	7	2	P	TAXTBL				SSDAM	7	2	P	PR	13490
SDMNI	7	2	P	TAXTBL				SDMNI	7	2	P	PR	13500
SDMX1	7	2	P	TAXTBL				SDMX1	7	2	P	PR	13510
SDMN2	7	2	P	TAXTBL				SDMN2	7	2	P	PR	13520
SDMX2	7	2	P	TAXTBL				SDMX2	7	2	P	PR	13530
FSDCD	1	0	N	TAXTBL				FSDCD	1	0	N	PR	13540
FDEDC	1	0	N	TAXTBL				FDEDC	1	0	N	PR	13550
PFTCD	1	0	N	TAXTBL				PFTCD	1	0	N	PR	13560
FMAX1	7	2	P	TAXTBL				FMAX1	7	2	P	PR	13570
FMAX2	7	2	P	TAXTBL				FMAX2	7	2	P	PR	13580
FICDC	1	0	N	TAXTBL				FICDC	1	0	N	PR	13590
FICMX	7	2	P	TAXTBL				FICMX	7	2	P	PR	13600
PEXCD	1	0	N	TAXTBL				PEXCD	1	0	N	PR	13610
TXCCD	1	0	N	TAXTBL				TXCCD	1	0	N	PR	13620
GTMN1	7	2	P	TAXTBL				GTMN1	7	2	P	PR	13630
GTMN2	7	2	P	TAXTBL				GTMN2	7	2	P	PR	13640
TXMIN	7	2	P	TAXTBL				TXMIN	7	2	P	PR	13650
FXLT	9	2	P	TAXTBL				FXLT	9	2	P	PR	13660
FXPT	5	3	P	TAXTBL				FXPT	5	3	P	PR	13670
FEXM	7	2	P	TAXTBL				FEXM	7	2	P	PR	13680
FEX1	7	2	P	TAXTBL				FEX1	7	2	P	PR	13690
FEX2	7	2	P	TAXTBL				FEX2	7	2	P	PR	13700
FTC1	7	2	P	TAXTBL				FTC1	7	2	P	PR	13710
FTC2	7	2	P	TAXTBL				FTC2	7	2	P	PR	13720
FTC3	7	2	P	TAXTBL				FTC3	7	2	P	PR	13730
ORGNC	1	0	N	TAXTBL				ORGNO	1	0	N	PR	13740
SDICD	1	0	N	TAXTBL				SDICD	1	0	N	PR	13750
SDITY	1	0	N	TAXTBL				SDITY	1	0	N	PR	13760
SDILT	5	2	P	TAXTBL				SDILT	5	2	P	PR	13770
ORAT2	5	3	P	TAXTBL				CRAT2	5	3	P	PR	13780
TXDES	15	A		TAXTBL				TXDES	15	A		PR	13790
SKTAX	1	0	N	DEFAULT				*0*				PR	13800
MDATE	6	0	P	COMPUTE				UDATE				PR	13810
FDEDP	5	2	P	DEFAULT				100.00				PR	13820

AMK34—Convert UNIMAS to UNIMAS

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Union Master	UNIMASX	I	NSHR	Sequential by key
Union Master (MAPICS)	UNIMAS	O		

User switches

None

Reports

UNIMAS File Conversion Summary

LDA

Field name	Field description	Length	Location From	To	Input/Output
COMMON	Company number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts UNIMAS from UNIMAS (MMAS or DFAS).

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Company number defaults to LDA value set at OCL. Does no conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

FILE-UNIMAS RCDCD-PQ PROGRAM-AMK34 ORDER-13 METHOD-REPLACE SYSMOD-MMAS & DFAS																	
----MAPICS----			DATA	SELECTION			-----SOURCE-----			--OWNER--							
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ	NO
RCDCD	2	A		UNIMAS				RCDCD	2	A			RECORD CODE	PR			13830
ACREC	1	A		UNIMAS				ACREC	1	A			ACTIVE RECORD CODE	PR			13840
COMNO	2	O	N	LDA									COMPANY NUMBER	PR			13850
UNINO	3	O	N	UNIMAS				UNINO	3	O	N		UNION NUMBER	PR			13860
UTYPE	2	O	N	UNIMAS				UTYPE	2	O	N		UNION DEDUCTION TYPE	PR			13870
UDESC	15	A		UNIMAS				DESCR	14	A			DEDUCTION DESCRIPTION	PR			13880
UFREQ	1	A		UNIMAS				UFREQ	1	A			FREQUENCY OF DEDUCTION	PR			13890
REGDR	7	4	P	UNIMAS				REGDR	7	4	P		HOURLY REGULAR RATE OF DEDUCTION	PR			13900
OVTDR	7	4	P	UNIMAS				OVTDR	7	4	P		HOURLY OVERTIME RATE OF DEDUCTION	PR			13910
OTHDR	7	4	P	UNIMAS				OTHDR	7	4	P		HOURLY OTHER RATE OF DEDUCTION	PR			13920
PERGR	5	3	P	UNIMAS				PERGR	5	3	P		PERCENT OF GROSS RATE	PR			13930
FXAMT	7	2	P	UNIMAS				FXAMT	7	2	P		FIXED DEDUCTION	PR			13940
DEDCD	1	A		UNIMAS				DEDCD	1	A			DEDUCTION CODE	PR			13950
TAXCD	1	A		UNIMAS				TAXCD	1	A			TAXABLE CODE	PR			13960
MDATE	6	O	P	COMPUTE				UDATE	7	O	P		MAINTENANCE DATE	PR			13970
BLANK	14			DEFAULT				* *					BLANK	PR			13980

AMK36—Convert to DMD0160 to DBADGE

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Badge Master	DMD0160X	I	NSHR	Sequential
Badge Master (MAPICS)	DBADGE	O		

User switches

None

Reports

DBADGE File Conversion Summary

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
COMMON	Company number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts DBADGE from DMD0160.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Defaults company number to 01. Checks SHFTW. Defaults to 99 if not valid. Adds records to the file. Checks SHFTP. Defaults to 1 if not valid. Adds record to the file. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

BADGE	EMPNO	NAME	SHFTW	SHFTP	
XXXXX	XXXXX	XXXXXXXXXXXXXXXXXXXXX	X	XX	***INVALID SHFTP***
XXXXX	XXXXX	XXXXXXXXXXXXXXXXXXXXX	X	XX	***INVALID SHFTW***

FILE-DBADGE RCD-CD- PROGRAM-AMK36
ORDER-14 METHOD-REPLACE SYSMOD-MMAS ONLY

----MAPICS----			DATA		SELECTION			----SOURCE----				--OWNER--		SEQ NO
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL	PRGM	
ACREC	1	A	DMD0160	DC			ACREC	1	A		ACTIVE RECORD CODE	DCS		1170
BADGE	5	0 N	DMD0160	DC			BADGE	5	N		BADGE NUMBER	DCS		1180
EMPNO	5	0 N	DMD0160	DC			EMPNO	5	N		EMPLOYEE NUMBER	DCS		1190
FRMAN	3	A	DMD0160	DC			FRMAN	2	A		FOREMAN CODE	DCS		1200
CMPNO	2	0 N	LDA								COMPANY NUMBER	DCS		1210
SHFTW	2	0 N	DMD0160	DC			SHFTW	1	A		SHIFT WORKED	DCS		1220
SHFTP	1	0 N	DMD0160	DC			SHFTP	1	A		SHIFT PAID	DCS		1230
ENAME	25	A	DMD0160	DC			ENAME	20	A		EMPLOYEE NAME	DCS		1240
MDATE	6	0 N	COMPUTE				UPDATE	7	0 P		DATE RECORD LAST MAINTAINED	DCS		1250

Conversion calculations

File: DBADGE

Record code:

File	Field	Test	Action
DMD0160	SHFTW	≠ 1, 2, or 3	Defaults to 1 and adds SHFTW to file.
DMD0160	SHFTP	Valid or invalid	Defaults to 99 if not valid; otherwise, add to file.

AMK38—Convert DDB1030 to ORDSUM

Files

Full file name	System name	Type	Disp	Mode of processing
Open Orders	DDB1030X	I	NSHR	Index sequential
Customer Master	CUSMAS	U	NSHR	Random by key
System Control	SYSCTL	U	NSHR	Random by key
Open Order Summary	ORDSUM	O	NSHR	Index sequential

User switches

None

Reports

Conversion Exceptions List
Conversion Summary

LDA

Field name	Field description	Length	Location From	Location To	Input/Output
COMNO	Default company number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts DDB1030 to (ORDSUM). It is entered from conversion menu AMZM01, options 1 or 2 and by selecting order entry and invoicing from the application selection display. Conversion of DDB1030 to ORDSUM will completely replace any existing order summary file.

Initialization

Executes ROUT1 and ROUT2 of the common routines.

Special considerations

The references to taxing authorities are handled differently between MAPICS and MMAS and will require file maintenance to perform the same task.

The MMAS field, TXCD1, references one of eight tax percentages in the Constants file. To provide a broader range of support, MAPICS has added the TAXBOD file instead of using this limited table in the Constants file. During conversion the values in TXCD1 are converted from 1 through 8 values 01 through 08. Records must be established (by file maintenance) in the TAXBOD file with keys of 01 through 08 and with the same tax percentages as used in the MMAS Constants file.

Tax percentages shown in the fields TAX1P, TAX2P, and TAX3P cannot be directly converted to a MAPICS TAXBOD reference; therefore, a line will be printed for each order that contains a value in one or more of these fields. This information must be used to establish the values for a TAXBOD record for the indicated percentages and to create file maintenance transactions for MAPICS to update TAXBOD references in the converted ORDSUM file after the TAXBOD file has been created.

The order number in the converted file is created by concatenating C0 with the filed OURSO. Example: OURSO of 12345 will become ORDNO C012345. If a duplicate order number should be found the new order number will be generated and a line will be printed showing the old order number, customer number, and new order number.

Detailed processing

Creates record code BL in ORDSUM. Uses record code BN to update the record created from the BL record. Accesses CUSMAS record. If the record is not found, prints a line showing ORDNO, CUSNO, and drops the record from the file. If CUSMAS is found, moves CFOSK field of CUSMAS to OSNOA field of ORDSUM, moves ORDNO field of ORDSUM to CFOSK field of CUSMAS and updates CUSMAS. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

ORDNO, CO, CUSNO, TXCDE, TAX1P, TAX2P, TAX3P	TAX1P, TAX2P, TAX3P, NOT 0
--	----------------------------

ORDNO, B/O PARTIAL SHIP CDE WAS X, NOW X	PARTIAL SHIP CDE LT 0
--	-----------------------

ORDNO, CUSNO	CUSTOMER NO. NOT IN CUSMAS RECORD DROPPED.
--------------	--

OURSO, CUSNO, NOW IS ORDNO	DUPLICATE ORDER NOT FOUND, ORDNO CHANGED.
----------------------------	---

Conversion calculations

File: ORDSUM

Record code: CB

File	Field	Test	Action	
DDB1030	RCDCD	If RCDCD = BL	Creates a record for ORDSUM; CB.	
		If RCDCD = BN	Updates fields in ORDSUM record created from BL record. Otherwise, ignores the record.	
ORDSUM	OURSO		Builds ORDNO by concatenating CO, OURSO.	
		ICDPT	If ICDPT > 99,999	Truncate high order digit print message: key, old value, new value. Add record to the file.
		INVIR	If INVIR = 1, otherwise,	Sets ORTYP = I Sets ORTYP = S
ORDSUM	SHPWT		Truncates hundredths position. Prints last record count of truncated records. Adds record to file.	
		BKSPC	If BKSPC > 0	Sets BKSPC = 0 Prints message with key, old value, new value. Adds record to file.
ORDSUM	SLDOV	If a BM record exists. In DDB1030 with NAMCD = 1, otherwise,	Sets SLDOV = 1 Sets SLDOV = 0	
		SHPOV	If a BM record exists with NAMCD = 2 otherwise,	Sets SHPOV = 1 Sets SHPOV = 0

File	Field	Test	Action
DDB1030	BKITM	If a BQ record exists with QTYBO > 0, otherwise,	Sets BKITM = 1 Sets BKITM = 0
		TAXB1	If DDB1030 TXCD1 = 1
	TAXB1	If DDB1030 TXCD1 = 2	Sets TAXB1 = 02
		If DDB1030 TXCD1 = 3	Sets TAXB1 = 3
	TAXB1	If DDB1030 TXCD1 = 4	Sets TAXB1 = 04
		If DDB1030 TXCD1 = 5	Sets TAXB1 = 05
	TAXB1	If DDB1030 TXCD1 = 6	Sets TAXB1 = 06
		If DDB1030 TXCD1 = 7	Sets TAXB1 = 07
DDB1030	TAXB1	If DDB1030 TXCD1 = 8	Sets TAXB1 = 08
		TAX10	If TAXB1 = blank, otherwise
DDB1030	TAX1P TAX2P TAX3P	If all are not = 0,	Prints message ORDNO, COMMNO, CUSNR, TXCD1, TAX1P, TAX2P, TAX3P. Adds record to file.
ORDSUM	TERMO	If DDB1030 ICDPT = 0, otherwise,	Sets TERMO = 0 Sets TERMO = 1
		UPDPO	If UPDPT = 0, otherwise,

---MAPICS---		DATA		SELECTION		-----SOURCE-----		--OWNER--								
FIELD	LEN	D	F	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ	NO
RCDCD	2	A	DEFAULT				*CB*					RECORD CODE	S34		11450	
ACREC	1	A	DEFAULT				*A*					ACTIVE RECORD CODE	S34		11460	
ORDNO	7	A	DDB1030	BL			OURSO	5	A			ORDER NUMBER	S34		11470	
OSNOA	7	A	CUSMAS				CFOSK	7	A			NEXT ORDER NUMBER	S34		11480	
SSFMT	7	O	P	DEFAULT			*9--9*					RRN-FIRST MATERIAL DETAIL	S34		11490	
COMNO	2	O	N	LDA								COMPANY NUMBER	S34		11500	
CUSNO	8	O	N	DDB1030	BL		CUSNR	8	O	N		CUSTOMER NUMBER	OEI		11510	
CUSPO	10	A	DDB1030	BL			CUSPO	10	A			PURCHASE ORDER NUMBER	OEI		11520	

----MAPICS----	DATA	SELECTION	----SOURCE----							---OWNER---							
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ	NO
CUSPD	6	0	P	DDB1030	BL			CUSPD	7	0	P		PURCHASE ORDER DATE	OEI		11530	
TAX10	1	0	N	COMPUTE									TAX BODY 1 OVERRIDE	OEI		11540	
TAXB1	2	A		COMPUTE									TAX BODY 1	OEI		11550	
TAX20	1	0	N	DEFAULT				*0*					TAX BODY 2 OVERRIDE	OEI		11560	
TAXB2	2	A		DEFAULT				* *					TAX BODY 2	OEI		11570	
TAX30	1	0	N	DEFAULT				*0*					TAX BODY 3 OVERRIDE	OEI		11580	
TAXB3	2	A		DEFAULT				* *					TAX BODY 3	OEI		11590	
TAX40	1	0	N	DEFAULT				*0*					TAX BODY 4 OVERRIDE	OEI		11600	
TAXB4	2	A		DEFAULT				* *					TAX BODY 4	OEI		11610	
TERMO	1	0	N	COMPUTE									TERMS PERCENT OVERRIDE	OEI		11620	
TERMP	5	3	P	DDB1030	BL			ICDPT	5	2	P		TERMS PERCENT	OEI		11630	
TERMD	20	A		DDB1030	BN			TERMS	20	A			TERMS DESCRIPTION	OEI		11640	
				DEFAULT				* *						OEI		11650	
ORDTE	6	0	P	DDB1030	BL			SODTE	7	0	P		ORDER DATE	OEI		11660	
ORTYP	1	A		DDB1030	BL			INVIR	1	0	N		ORDER TYPE	OEI		11670	
MPROR	1	A		DDB1030	BL			PRIOR	1	A			MANAGEMENT PRIORITY OVERRIDE	OEI		11680	
SALCD	1	A		DDB1030	BL			SALCD	1	A			SALES CODE	OEI		11690	
CMEMO	1	A		DDB1030	BL			CMEMO	1	A			CREDIT MEMO	OEI		11700	
RODTE	6	0	P	DDB1030	BL			ODDTE	7	0	P		REQUEST DATE	OEI		11710	
HOUSE	1	A		DDB1030	BL			HOUSE	1	A			WAREHOUSE	OEI		11720	
SLSNO	5	0	P	DDB1030	BL			SLSNR	5	0	P		SALESMAN NUMBER	OEI		11730	
CONTR	5	0	N	DDB1030	BN			CONTR	5	0	P		CONTRACT NUMBER	OEI		11740	
				DEFAULT				*0*						OEI		11750	
MSDTE	6	0	P	DEFAULT				*0*					MANUFACTURING SCHEDULE DATE	OEI		11760	
INVNR	7	0	P	DDB1030	BL			INVNR	6	0	N		INVOICE NUMBER	OEI		11770	
ITDCD	1	A		DDB1030	BL			ITDCD	1	A			INVOICE DISCOUNT CODE	OEI		11780	
ITDPT	5	3	P	DDB1030	BL			ITDPT	5	3	P		INVOICE DISCOUNT PERCENT	OEI		11790	
SHINS	30	A		DDB1030	BN			SHINS	30	A			SHIPPING INSTRUCTIONS	OEI		11800	
				DEFAULT				* *						OEI		11810	
SHPWD	1	0	N	DEFAULT				*0*					SHIPPING WEIGHT OVERRIDE	OEI		11820	
SHPWT	9	1	P	DDB1030	BL			SHPWT	9	2	P		SHIPPING WEIGHT	OEI		11830	
UPDPO	1	0	N	COMPUTE									UNIT PRICE DISCOUNT PERCENT OVERRIDE	OEI		11840	
UPDMP	5	3	P	DDB1030	BL			UPDPT	5	3	P		UNIT PRICE DISCOUNT PERCENT	OEI		11850	
FAGMO	2	0	N	DEFAULT				*0*					FUTURE AGE MONTH	OEI		11860	
PCKCT	1	0	N	DEFAULT				*1*					PICK SLIP PRINT CODE	OEI		11870	
ORVAL	11	2	P	DEFAULT				*0*					ORDER VALUE	OEI		11880	
TDINV	9	2	P	DEFAULT				*0*					TOTAL DOLLARS INVOICED	OEI		11890	
LINVN	6	0	P	DEFAULT				*0*					LAST INVOICE NUMBER	OEI		11900	
LINVD	6	0	P	DEFAULT				*0*					LAST INVOICE DATE	OEI		11910	
BKORD	1	0	N	DDB1030	BL			BKORD	1	0	N		BACKORDERS CODE	OEI		11920	
BKSPC	1	0	N	DDB1030	BL			BKSPC	1	A			BACKORDERS PARTIAL SHIP CODE	OEI		11930	
SLDOV	1	0	N	COMPUTE									SOLD-TO OVERRIDE CODE	OEI		11940	
SHPOV	1	0	N	COMPUTE									SHIP-TO OVERRIDE CODE	OEI		11950	
SHPNO	2	0	N	DDB1030	BL			SHPNR	2	0	N		SHIP-TO NUMBER	OEI		11960	
MATRC	3	0	P	DEFAULT				*0*					MATERIAL DETAIL RECORD COUNT	OEI		11970	
BKITM	1	0	N	COMPUTE									BACK ORDERED ITEMS CODE	OEI		11980	
INVRF	6	0	P	DEFAULT				*0*					CREDIT MEMO INVOICE REFERENCE	OEI		11990	

AMK40—Convert DDI0200, ITEMBL, and ITEMAS to PURSUM

Files

Full file name	System name	Type	Disp	Mode of processing
On Order File	DDI0200X	I	NSHR	Index sequential
System Control	SYSCTL	U	NSHR	Random by key
Item Balance	ITEMBL	U	NSHR	Random by key
Item Master	ITEMAS	U	NSHR	Random by key
Open Order Summary	PURSUM	U	NSHR	Random by key

User switches

None

Reports

Conversion Exception List
Conversion Summary—LR

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
CANCL	Cancel	1	242	242	U

Description

This program converts PURSUM from DDI0200. Record code OO with transaction code of P are the only records used from DDI0200. All other records are ignored. Other files referenced are ITEMBL and ITEMAS.

Initialization

Executes ROUT1 of the common routines.

Special considerations

PURSUM must be converted after ITEMAS and ITEMBL but before OPNMAT. The field ORDNO is created by prefixing the first six (6) positions of the field OURSO with a P.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Reads ITEMAS and ITEMBL using item number (ITMNO) as a key. If the record cannot be found in either file, prints a line showing the key field and drops the record from the output file.

Creates the new order number field ORDNO by prefixing the first six positions of OURSO with a P. If the last two positions of OURSO are not blank, prints a line showing the old order number OURSO and the new order number ORDNO, and then moves the old order number OURSO into the field REFNO.

Any duplicate order numbers are resolved by creating a new order number. The new order number will be P,NNNNN where N is a sequentially-assigned number. If a new order number is assigned, puts the full original order number in the field REFNO and prints a line showing the old order number and the new order number.

Updates the ITEMBL record by moving MOSKA of ITEMBL to OSNOA of PURSUM and by moving ORDNO of PURSUM to MOSKA of ITEMBL.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

```
OURSO XXXXXXXX ORDNO XXXXXXXX
OLD KEY WAS XXXXXXXXXXXXXXXXXXXX NEW
KEY IS XXXXXXXXXXXXXXXXXXXX
```

Conversion calculations

File: PURSUM

Record code: MP

File	Field	Test	Action
DDI0200X	OURSO		Prefixes OURSO with P to create ORDNO.
	ITNBR		Pads at right to create a new item number.
	QTYRC	If = 0, If ≠ 0 If QTYRC > ORDTY,	Sets PSTAT to 10 Sets PSTAT to 40 Sets PSTAT to 50 (overrides 40)

----MAPICS----		DATA	SELECTION			-----SOURCE-----			PROGRAM-AMK40						
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS	DESCRIPTION	---OWNER---	SEQ NO
														APPL	PRGM
RCDCD	2	A		DEFAULT				*MP*					RECORD CODE	IM	12170
ACREC	1	A		DDIO200	00	P		ACREC	1	A			ACTIVITY CODE	IM	12180
ORDNO	7	A		DDIO200	00	P		OURSO	8	A			ORDER NUMBER	IM	12190
ITNBR	15	A		DDIO200	00	P		ITNBR	10	A			ITEM NUMBER	IM	12200
HOUSE	1	A		DDIO200	00	P		HOUSE	1	A			WAREHOUSE	IM	12210
OSNOA	7	A		ITEMBL				MOSKA	7	A			NEXT ORDER NUMBER	IM	12220
RFMAT	7	0	P	DEFAULT				*9--9*					RRN FIRST MATERIAL RECORD	IM	12230
NOBLR	2	0	N	DEFAULT				*0*					NUMBER OF BLANKET RELEASES	S34	12240
PSTAT	2	A		COMPUTE									ORDER STATUS CODE PURCHASE	IM	12250
ORLCD	1	0	N	DEFAULT				*3*					ORDER RELEASE SEQUENCE CODE	S34	12260
ORQTY	7	0	P	DDIO200	00	P		QTY00	7	0	P		ORDER QUANTITY	IM	12270
JOBNO	6	A		DEFAULT				* *					CUSTOMER JOB NUMBER	IM	12280
PLANN	5	0	P	ITEMAS				PLANN	5	A			PLANNER CODE	IM	12290
VNDNR	6	A		DDIO200	00	P		VNDNR	5	A			VENDOR NUMBER	IM	12300
VCLNR	15	A		DEFAULT				* *					VENDOR CATALOG NUMBER	S34	12310
REFNO	10	A		DEFAULT				* *					REFERENCE NUMBER	IM	12320
FOLDT	6	0	P	DDIO200	00	P		DUEDT	7	0	P		FOLLOWUP DATE	IM	12330
ITDSC	30	A		ITEMAS				IDESC	30	A			ITEM DESCRIPTION	IM	12340
DPTNO	4	A		ITEMAS				DEPTC	4	A			DEPARTMENT CODE	IM	12350
WHSLC	5	A		ITEMAS				WHSLC	5	A			WAREHOUSE STOCK LOCATION	IM	12360
ACTDT	6	0	P	DDIO200	00	P		SODTE	7	0	P		ACTUAL ORDER PLACED DATE	IM	12370
DUEDT	6	0	P	DDIO200	00	P		DUEDT	7	0	P		ORDER DUE DATE	IM	12380
OKQTY	7	0	P	DDIO200	00	P		QTYRC	7	0	P		QUANTITY RECEIVED AT DOCK	IM	12390
INSQT	7	0	P	DDIO200	00	P		QTYRC	7	0	P		INSPECTION QUANTITY	IM	12400
QTSCP	7	0	P	DEFAULT				*0*					SCRAP QUANTITY	IM	12410
STKQT	7	0	P	DDIO200	00	P		QTYRC	7	0	P		QUANTITY RECEIVED TO STOCK	IM	12420
QTDEV	7	0	P	DEFAULT				*0*					QUANTITY DEVIATION	IM	12430
LATDT	6	0	P	DEFAULT DEFAULT				*0* *0*					LAST ACTIVITY DATE	IM IM	12440 12450
TSQNO	7	0	P	DEFAULT				*0*					TURNAROUND FILE SEQUENCE NUMBER	IM	12460
CHECK	1	A		DEFAULT				*0*					CHECK DIGIT	IM	12470
MDATE	6	0	P	COMPUTE				UDATE					MAINTENANCE DATE	S34	12480

**AMK43—Convert JOBMAT to OPMTWK
(work file for OPNMAT)**

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Open Job Material /Miscellaneous File	JOBMATX	U	NSHR	Sequential by key
Open Order Summary	OPNSUM	I	NSHR	Random by key
Item Balance	ITEMBL	I	NSHR	Random by key
Item Master	ITEMAS	I	NSHR	Random by key
Open Order Material Detail	OPMTWK	O	NSHR	Consecutive

User switches

None

Reports

OPNMAT File Conversion Summary
OPNMAT Conversion Exception List

LDA

Field name	Field description	Length	Location From	To	Input/Output
CANCL	Cancel	1	242	242	U

Description

This program converts OPNMAT from JOBMAT. Record code W6 with TCODE of I or M are the only records used from JOBMAT. The conversion programs AMK43 and AMK44 build a work file OPMTWK. The open order material reorganization procedure must be run using the work file OPMTWK to produce the actual OPNMAT file. Files referenced: ITEMAS, ITEMBL, and OPNSUM.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines.

Special considerations

This file, OPNMAT, must be converted after ITEMBL, OPNSUM, PURSUM, and ORDSUM. Records are added to OPMTWK only if the order number is in the OPNSUM file. If order number is not in OPNSUM, prints a line showing ORDNO, JOBNO, ITNBR, and does not convert the record.

If the ITNBR is not in the ITEMBL file, prints a line showing ORDNO, JOBNO, ITNBR, and does not convert the record.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

ORDNO	JOBNO	ITNBR	
XXXXXXXX	XXXXXX	XXXXXXXXXX	*ITNBR NOT IN ITEMBL—RECORD IS DROPPED
XXXXXXXX	XXXXXX	XXXXXXXXXX	*ORDNO NOT IN OPNSUM—RECORD IS DROPPED

Conversion calculations

File: OPNMAT

Record code: MD

File	Field	Test	Action
OPNMAT	ORDNO		Prefixes JOBNO FROM JOBMAT with an M to create ORDNO
JOBMAT	ITNBR		Pads at right with 5 blanks to create new ITNBR.
OPNMAT	QTREQ		Searches OPNSUM with ORDNO to get ORQTY: (BQUAN) X (ORQTY) QTREQ
JOBMAT	MDESC		Pads at right with 10 blanks to get IDESC.

**AMK44—Convert DDB1030 to OPMTWK
(work file for OPNMAT)**

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Open Orders	DDB1030X	I	NSHR	Sequential by key
Item Master	ITEMAS	I	NSHR	Random by key
Item Balance	ITEMBL	I	NSHR	Random by key
Quantity Price	QTYPRC	I	NSHR	Random by key
Order Summary File	ORDSUM	I	NSHR	Random by key
Open Order Material Detail	OPMTWK	O	NSHR	Consecutive

User switches

U7—Inventory Management is installed and ITEMBL is used for calculating UNITC.

U8—QTYPRC is on disk and is used for calculations.

Reports

OPNMAT File Conversion Summary
OPNMAT Conversion Exception List

LDA

Field name	Field description	Length	Location From	Location To	Input/Output
CANCL	Cancel	1	242	242	U

Description

This program converts (OPNMAT) from DDB1030. The following records from DDB1030 are used: record codes BP, BO, BQ, BU, and record code. BM with NAMCD of 1 or 2. Files referenced: ITEMAS, ITEMBL, QTYPRC, and ORDSUM.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT3 and ROUT4 of the common routines.

Special considerations

This file, OPNMAT, must be converted after ITEMBL, OPNSUM, PURSUM, and ORDSUM. Creates CE record from BM record if NAMCD = 1. Creates CH record from BM record if NAMCD = 2. Creates CK record if a BP record in DOB1030 precedes the first BL record and ITMBR is blank. Creates CN record for BO or BQ records. Creates CW record for each BU record. Creates CT record if RCDCD = BP 2nd previous record was BO or BQ and ITNBR ≠ blank.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

***Records that were dropped because ORDNO not in ORDSUM file

ORDNO	ITNBR	CUSNR
XXXXXXXX	XXXXXXXXXXXX	XXXXXXXX

Conversion calculations

File: OPNMAT

Record code: CK

File	Field	Test	Action
DDB1030	OURSO		Prefixes OURSO with CQ to create ORDNO.
ITEMAS	WEGHT	“A” record:	Then CRCOD = R
	CRCOD	If BQUAN is less than zero, otherwise,	CRCOD = blanks.

File: OPNMAT

Record code: CE

File	Field	Test	Action
DDB1030	OURSO		Prefixes OURSO with CQ to create ORDNO

File: OPNMAT

Record code: CH

File	Field	Test	Action
DDB1030	OURSO		Prefixes OURSO with C0 to create ORDNO.

File: OPNMAT

Record code: CN

File	Field	Test	Action
DDB1030	OURSO ITNBR		Prefixes CRCOD with C0 to create ORDNO. Pads on right with 5 blanks.
		If ITNBN in ITEMAS	Sets NOINV = 1
	ITDSC	If RCDCD of DDB1030 = BO, otherwise,	Moves DDB1030 ITDSC to OPNMAT ITDSC. Moves blanks to ITDSC.
	EXTWT		Decimal aligns into EXTWD and drops low order position.
	RCDCD	If RCDCD = BO, otherwise,	Sets NOINV = 0 Sets NOINV = 1
	ITAX1 ITAX2 ITAX3	If < 0 or > 9,	Sets = 0 Prints ORDNO, TAX and adds records to file.
OPNMAT	EXTWO	If EXTWT = 0, otherwise,	Sets EXTWO = 0 Sets EXTWO = 1
	QPDPT	Reads QTYPRC using key of ITNBR, compare OPNMAT QTYOR	
		If QTYOR > QNTY5,	Sets QPDPT = QCPT5
		Else if QTYOR > QNTY4	Sets QPDPT = QCPT4
		Else if QTYOR > QNTY3	Sets QPDPT = QCPT3
		Else if QTYOR > QNTY2	Sets QPDPT = QCPT2
		Else if QTYOR > QNTY1	Sets QPDPT = QCPT1
		otherwise,	Sets QPDPT = 0
OPNMAT	UNTPO	If UNTPR ≠ 0, otherwise,	Sets UNTPO = 1 Sets UNTPO = 0
	UPDMC	If UPDMP ≠ 0 otherwise,	Sets UPDMC = 2 Sets UPDMC = 0
	ISLPO	If ISLPR ≠ 0, otherwise,	Sets ISLPO = 1 Sets ISLPO = 0
	INSAO	If INSAM ≠ 0, otherwise,	Sets INSAO = 1 Sets INSAO = 0
	UNITC	If inventory is installed,	Gets value of UNITC from LCOST in ITEMBL file.
		If inventory is not installed,	Gets value of UNITC from UCDEF in ITEMAS file.

File: OPNMAT

Record code: CT

File	Field	Test	Action
OPNMAT	ITNTP	Accesses SYSCTL record AMBPRT	Sets ITNTP = INTPR from SYSCTL.

File: OPNMAT

Record code: CW

File	Field	Test	Action
DDB1030	OURSO		Prefixes OURSO with C0 to create ORDNO.
	TAXC1 TAXC2 TAXC3	If < 0 or > 9,	Sets to 0, prints ORDNO, TAXC1, and add records to file.
	CSHDS	If DDB1030 CDISC = 0, otherwise,	Sets CSHDS = 1 Sets CSHDS = 0

FILE-OPNMAT RCDCD-CE PROGRAM-AMK44
ORDER-27 METHOD-MERGE SYSMOD-MMAS ONLY

----MAPICS----		DATA		SELECTION		-----SOURCE-----		MAPICS DESCRIPTION		--OWNER--	
FIELD	LEN D F	LEN D F	SOURCE	RCD M1	M2	FLD/DFT	LEN D F	LEN D F	MAPICS DESCRIPTION	APPL PRGM	SEQ NO
RCDCD	2	A	DEFAULT					'CE'	RECORD CODE	OEI	8350
ORDNO	7	A	DOB1030	BM 1		OURSO	5 0 N		ORDER NUMBER	OEI	8360
RES16	16		DEFAULT					' '	UNUSED	OEI	8370
OMNMT	7	O P	DEFAULT			'9--9'			RRN NEXT MATERIAL DETAIL IN ORDER CHAIN	OEI	8380
PAK07	7	O P	DEFAULT			'0'			RESERVED FOR RRN	S34	8390
PAK07	7	O P	DEFAULT			'0'			RESERVED FOR RRN	S34	8400
CUSNM	25	A	DOB1030	BM 1		SHPNM	25 A		SOLD-TO NAME	OEI	8410
CUSA1	25	A	DOB1030	BM 1		SHIP1	25 A		ADDRESS 1	OEI	8420
CUSA2	25	A	DOB1030	BM 1		SHIP2	25 A		ADDRESS 2	OEI	8430
CUSA3	25	A	DOB1030	BM 1		SHIP3	25 A		ADDRESS 3	OEI	8440
STACD	2	A	DEFAULT			' '			STATE	OEI	8450
ZIPCD	5	A	DEFAULT			' '			ZIP	OEI	8460
ZIPEX	3	A	DEFAULT			' '			ZIP EXTENSION	OEI	8470
LPMND	1	A	DEFAULT			' '			LAST PROGRAM TO MAINTAIN OMNMT	S34	8480

FILE-OPNMAT RCDCD-CH PROGRAM-AMK44
ORDER-27 METHOD-MERGE SYSMOD-MMAS ONLY

----MAPICS----		DATA		SELECTION		-----SOURCE-----		MAPICS DESCRIPTION		--OWNER--	
FIELD	LEN D F	LEN D F	SOURCE	RCD M1	M2	FLD/DFT	LEN D F	LEN D F	MAPICS DESCRIPTION	APPL PRGM	SEQ NO
RCDCD	2	A	DEFAULT					'CH'	RECORD CODE	OEI	8490
ORDNO	7	A	DOB1030	BM 2		OURSO	5 0 N		ORDER NUMBER	OEI	8500
RES16	16		DEFAULT					' '	UNUSED	OEI	8510
OMNMT	7	O P	DEFAULT			'9--9'			RRN NEXT MATERIAL DETAIL IN ORDER CHAIN	OEI	8520
PAK07	7	O P	DEFAULT			'0'			RESERVED FOR RRN	S34	8530
PAK07	7	O P	DEFAULT			'0'			RESERVED FOR RRN	S34	8540
SHPNM	25	A	DOB1030	BM 2		SHPNM	25 A		SHIP-TO NAME	OEI	8550
SHIP1	25	A	DOB1030	BM 2		SHIP1	25 A		SHIP-TO ADDRESS 1	OEI	8560
SHIP2	25	A	DOB1030	BM 2		SHIP2	25 A		SHIP-TO ADDRESS 2	OEI	8570
SHIP3	25	A	DOB1030	BM 2		SHIP3	25 A		SHIP-TO ADDRESS 3	OEI	8580
SHPST	2	A	DEFAULT			' '			SHIP-TO STATE	OEI	8590
SHPZP	5	A	DEFAULT			' '			SHIP-TO ZIP	OEI	8600
SHPZE	3	A	DEFAULT			' '			ZIP EXTENSION	OEI	8610
LPMND	1	A	DEFAULT			' '			LAST PROGRAM TO MAINTAIN OMNMT	S34	8620

FILE-OPNMAT RCDCD-CK PROGRAM-AMK44
ORDER-27 METHOD-MERGE SYSMOD-MMAS ONLY

----MAPICS----		DATA		SELECTION		-----SOURCE-----		MAPICS DESCRIPTION		--OWNER--	
FIELD	LEN D F	LEN D F	SOURCE	RCD M1	M2	FLD/DFT	LEN D F	LEN D F	MAPICS DESCRIPTION	APPL PRGM	SEQ NO
RCDCD	2	A	DEFAULT					'CK'	RECORD CODE	OEI	8630
ORDNO	7	A	DOB1030	BP 1ST	' '	OURSO	5 0 N		ORDER NUMBER	OEI	8640
RES16	16		DEFAULT					' '	UNUSED	OEI	8650
OMNMT	7	O P	DEFAULT			'9--9'			RRN NEXT MATERIAL DETAIL IN ORDER CHAIN	OEI	8660
PAK07	7	O P	DEFAULT			'0'			RESERVED FOR RRN	S34	8670
PAK07	7	O P	DEFAULT			'0'			RESERVED FOR RRN	S34	8680
OCMT1	25	A	DOB1030	BP 1ST	' '	COMMI	25 A		ORDER COMMENT 1	OEI	8690

----MAPICS----		DATA		SELECTION		-----SOURCE-----		MAPICS DESCRIPTION		--OWNER--		SEQ NO	
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/OFT	LEN	D	F	APPL PRGM	SEQ NO
OCMT2	25	A		DDB1030	BP	1ST	* *	COMM2	25	A		OEI	8700
OCMT3	25	A		DDB1030	BP	1ST	* *	COMM3	25	A		OEI	8710
OINTP	1	O	N	SYSCTL				AMB PRT INTPR	1	O	N	OEI	8720
LPMNO	1	A		DEFAULT				* *				S34	8730
FILE-OPNMAT RCDCD-CN PROGRAM-AMK44 ORDER-27 METHOD-MERGE SYSMOD-MMAS ONLY													
----MAPICS----		DATA		SELECTION		-----SOURCE-----		MAPICS DESCRIPTION		--OWNER--		SEQ NO	
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/OFT	LEN	D	F	APPL PRGM	SEQ NO
RCDCD	2	A		DEFAULT				*CN*				OEI	8740
ORDNO	7	A		DDB1030	BO			DURSO	5	O	A	OEI	8750
				DDB1030	BQ			DURSO	5	O	A	OEI	8760
ITNBR	15	A		DDB1030	BO			ITNBR	10	A		OEI	8770
HOUSE	1	A		DDB1030	BO			HOUSE	1	A		OEI	8780
				DDB1030	BQ			HOUSE	1	A		OEI	8790
OMNMT	7	O	P	DEFAULT				*9--9*				OEI	8800
OMNWU	7	O	P	DEFAULT				*9--9*				OEI	8810
OMPWU	7	O	P	DEFAULT				*9--9*				OEI	8820
WHS LC	5	A		DDB1030	BO			WHS LC	5	A		OEI	8830
				DDB1030	BQ			WHS LC	5	A		OEI	8840
UNITC	11	4	P	DDB1030	BO			CSTPC	9	3	P	OEI	8850
				DDB1030	BQ			CSTPC	9	3	P	OEI	8860
ITDSC	30	A		DDB1030	BO			ITDSC	30	A		OEI	8870
				DEFAULT				* *				OEI	8880
NOINV	1	O	N	COMPUTE								OEI	8890
ITCLS	2	A		ITEMAS				ITCLS	2	A		OEI	8900
QTYOR	7	O	P	DDB1030	BQ			QTYOR	7	O	P	OEI	8910
				DEFAULT				*0*				OEI	8920
QTYSH	7	O	P	DDB1030	BQ			QTYSH	7	O	P	OEI	8930
				DEFAULT				*0*				OEI	8940
QTYBO	7	O	P	DDB1030	BQ			QTYBU	7	O	P	OEI	8950
				DEFAULT				*0*				OEI	8960
UNMSR	2	A		DDB1030	BQ			UMSLD	2	A		OEI	8970
				DEFAULT				* *				OEI	8980
EXTWO	1	O	N	COMPUTE								OEI	8990
EXTWT	11	3	P	DDB1030	BQ			EXTWT	7	2	P	OEI	9000
				DEFAULT				*0*	7	2	P	OEI	9010
NEGPR	9	3	P	DDB1030	BQ			NEGPR	9	3	P	OEI	9020
				DEFAULT				*0*				OEI	9030
UNTPD	1	O	N	COMPUTE								OEI	9040
PRICE	9	3	P	DDB1030	BQ			UNITP	9	3	P	OEI	9050
				DEFAULT				*0*				OEI	9060
UPDMC	1	O	N	COMPUTE								OEI	9070
UPDMP	5	3	P	DDB1030	BQ			UPDPT	5	3	P	OEI	9080
				DEFAULT				*0*				OEI	9090
QPDPT	5	3	P	COMPUTE				*0*				OEI	9100
ISLPO	1	O	N	COMPUTE								OEI	9110
ISLPR	9	3	P	DDB1030	BQ			ASLPC	9	3	P	OEI	9120
				DEFAULT				*0*				OEI	9130
INSAO	1	O	N	COMPUTE								OEI	9140
INSAM	9	2	P	DDB1030	BQ			ITNSA	9	2	P	OEI	9150
				DEFAULT				*0*				OEI	9160
ITYP	1	A		ITEMAS				ITYP	1	A		OEI	9170
ITAX1	1	O	N	DDB1030	BQ			TAXC1	1	A		OEI	9180
				DEFAULT				*0*				OEI	9190
ITAX2	1	O	N	DDB1030	BQ			TAXC2	1	A		OEI	9200
				DEFAULT				*0*				OEI	9210

----MAPICS----		DATA		SELECTION		-----SOURCE----				--OWNER--							
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ	NO
ITAX3	1	0	N	DDB1030 DEFAULT	BQ			TAXC3 *0*	1	A		ITEM TAX CODE 3		OEI		9220	
														OEI		9230	
ITAX4	1	0	N	DEFAULT				*0*				ITEM TAX CODE 4		OEI		9240	
WEGHT	7	3	P	ITEMAS	A			WEGHT	7	3	P	UNIT WEIGHT		OEI		9250	
CRCOD	1		A	COMPUTE								CREDIT CODE		OEI		9260	
MOFLG	1		A	DEFAULT				* *				MANUFACTURING ORDER FLAG		OEI		9270	
SAFLG	1		A	ITEMAS	A			SAFLG	1	A		SALES ANALYSIS FLAG		OEI		9280	
MRDTE	6	0	P	DEFAULT				*0*				MATERIAL REQUIREMENTS DATE		S34		9290	
LPMNO	1		A	DEFAULT				* *				LAST PROGRAM TO MAINTAIN OMNMT		S34		9300	
LPMWU	1		A	DEFAULT				* *				LAST PROGRAM TO MAINTAIN OMNMT OR OMPND		S34		9310	

FILE-OPNMT RCDCD-CT PROGRAM-AMK44
ORDER-27 METHOD-MERGE SYSMOD-MMAS ONLY

----MAPICS----		DATA		SELECTION		-----SOURCE----				--OWNER--							
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ	NO
RCDCD	2		A	DEFAULT				*CT*				RECORD CODE		OEI		9320	
ORDNO	7		A	DDB1030	BP	N-	2ND	OURSO				ORDER NUMBER		OEI		9330	
ITNBR	15		A	DDB1030	BP	N-	2ND	ITNBR				ITEM NUMBER		OEI		9340	
RES01	1		A	DEFAULT				* *				UNUSED		OEI		9350	
OMNMT	7	0	P	DEFAULT				*9--9*				RRN NEXT MATERIAL DETAIL IN ORDER CHAIN		OEI		9360	
PAK07	7	0	P	DEFAULT				*0*				RESERVED FOR RRN		S34		9370	
PAK07	7	0	P	DEFAULT				*0*				RESERVED FOR RRN		S34		9380	
ICMT1	25		A	DDB1030	BP	N-	2ND	COMM1				ITEM COMMENT 1		OEI		9390	
ICMT2	25		A	DDB1030	BP	N-	2ND	COMM2				ITEM COMMENT 2		OEI		9400	
ICMT3	25		A	DDB1030	BP	N-	2ND	COMM3				ITEM COMMENT 3		OEI		9410	
ITNTP	1	0	N	SYSCTL				AMB PRT INTPR				INTERNAL ONLY PRINT CODE		OEI		9420	
LPMNO	1		A	DEFAULT				* *				LAST PROGRAM TO MAINTAIN OMNMT		S34		9430	

FILE-OPNMT RCDCD-CW PROGRAM-AMK44
ORDER-27 METHOD-MERGE SYSMOD-MMAS ONLY

----MAPICS----		DATA		SELECTION		-----SOURCE----				--OWNER--							
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ	NO
RCDCD	2		A	DEFAULT				*CW*				RECORD CODE		OEI		9440	
ORDNO	7		A	DDB1030	BU			OURSO	5	0	N	ORDER NUMBER		OEI		9450	
RES16	16		A	DEFAULT				* *				UNUSED		OEI		9460	
OMNMT	7	0	P	COMPUTE								RRN NEXT MATERIAL DETAIL IN ORDER CHAIN		OEI		9470	
PAK07	7	0	P	DEFAULT				*0*				RESERVED FOR RRN		S34		9480	
PAK07	7	0	P	DEFAULT				*0*				RESERVED FOR RRN		S34		9490	
SPDSC	30		A	DDB1030	BU			SCCRD	30	A		SPECIAL CHARGE DESCRIPTION		OEI		9500	
SPCCD	1	0	N	DDB1030	BU			SPCHC	1	0	N	SPECIAL CHARGE CODE		OEI		9510	
SCAMT	9	2	P	DDB1030	BU			SCCRA	9	2	P	SPECIAL CHARGE AMOUNT		OEI		9520	
SCCST	9	2	P	DEFAULT				*0*				SPECIAL CHARGE COST		OEI		9530	
STAX1	1	0	N	DDB1030	BU			TAXC1	1	A		TAX 1		OEI		9540	
STAX2	1	0	N	DDB1030	BU			TAX2	1	A		TAX 2		OEI		9550	
STAX3	1	0	N	DDB1030	BU			TAXC3	1	A		TAX 3		OEI		9560	
STAX4	1	0	N	DEFAULT				*0*				TAX 4		OEI		9570	
CSHDS	1	0	N	COMPUTE								CASH DISCOUNT APPLIES		OEI		9580	
LPMNO	1		A	DEFAULT				* *				LAST PROGRAM TO MAINTAIN OMNMT		S34		9590	

FILE-OPNMAT RCDCD-MD PROGRAM-AMK44 ORDER-27 METHOD-MERGE SYSMOD-MMAS ONLY															
----MAPICS----			DATA	SELECTION			-----SOURCE-----			MAPICS DESCRIPTION		--OWNER--	SEQ NO		
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD	DFT	LEN	D	F	APPL	PRGM	SEQ NO
RCDCD	2	A		DEFAULT				*MD*					S34		9600
ORDNO	7	A		JOBMAT JOBMAT	W6	I		JOBNO JOBNO	6	A			S34 S34	AMK43 AMK43	9610 9620
CITEM	15	A		JOBMAT JOBMAT	W6	I		ITNBR ITNBR	10	A			S34 S34	AMK43 AMK43	9630 9640
CITWH	1	A		SYSC TL				HOUSE	1	A			S34		9650
OMNMT	7	0	P	DEFAULT				*9--9*					S34		9660
OMNWU	7	0	P	DEFAULT				*9--9*					S34		9670
OMPWU	7	0	P	DEFAULT				*9--9*					S34		9680
DPMFL	1	A		DEFAULT				* *					S34		9690
QTYPR	7	3	P	JOBMAT JOBMAT	W6	I		BQUAN BQUAN	7	3	P		S34 S34	AMK43 AMK43	9700 9710
QTREQ	7	0	P	COMPUTE									S34		9720
REQDT	6	0	P	OPNSUM				SSTDT	7	0	P		S34		9730
ISQTY	7	0	P	JOBMAT JOBMAT	W6	I		AQUAN AQUAN	7	0	P		S34 S34	AMK43 AMK43	9740 9750
CSTPC	11	4	P	JOBMAT JOBMAT	W6	I		BCOST BCOST	9	4	P		S34 S34	AMK43 AMK43	9760 9770
JOBNO	6	A		JOBMAT JOBMAT	W6	I		JOBNO JOBNO	6	A			S34 S34	AMK43 AMK43	9780 9790
LISDT	6	0	P	JOBMAT JOBMAT	W6	I		LTRDT LTRDT	7	0	P		S34 S34	AMK43 AMK43	9800 9810
OPRWU	4	A		DEFAULT				* *					S34		9820
QTYNG	7	0	P	DEFAULT				*0*					S34		9830
ISQTP	7	0	P	JOBMAT JOBMAT	W6	I		AQUAN AQUAN	7	0	P		S34 S34	AMK43 AMK43	9840 9850
CSKLC	5	A		ITEMBL				WHSLC	5	A			S34		9860
UNMSR	2	A		ITEMAS				UNMSR	2	A			S34		9870
ACSTP	9	2	P	JOBMAT JOBMAT	W6	I		ACOST ACOST	7	2	P		S34 S34	AMK43 AMK43	9880 9890
ACSTD	9	2	P	JOBMAT JOBMAT	W6	I		ACOST ACOST	7	2	P		S34 S34	AMK43 AMK43	9900 9910
CDESC	30	A		JOBMAT	W6	I		MDESC	20	A			S34	AMK43	9920
TSQNO	7	0	P	DEFAULT				*0*					S34		9930
CHECK	1	A		DEFAULT				*0*					S34		9940
MDATE	6	0	P	COMPUTE				UDATE					S34		9950
LPMNO	1	A		DEFAULT				* *					S34		9960
LPMWU	1	A		DEFAULT				* *					S34		9970
FLSTK	1	A		DEFAULT				* *					S34		9980

AMK45—Convert DMM0150 to OPMTWK (work file for OPNMAT)

Files

Full file name	System name	Type	Disp	Mode of processing
MMAS Item Balance	DMM0150X	I	SHR	Sequential
System Control	SYSCTL	U	SHR	Random by key
Item Master	ITEMAS	U	SHR	Random by key
Item Balance	ITEMBL	O	SHR	
Open Order Summary	OPNSUM	O	SHR	
Open Material Work	OPMTWK	O	OLD	

User switches

None

Reports

OPNMAT File Conversion from DMM0150

LDA

Field name	Field description	Length	Location From	To	Input/Output
DTFMT	Date format	1	219	219	I

Description

This is one of three programs that create Open Material (OPNMAT) records. This program creates OPNMAT records from MMAS Item Balance (DMM0150) allocation records and creates corresponding summary records in the Item Master, Item Balance, and Open Summary files.

Initialization

Reads the LDA for DTFMT. Initializes date and time (RDATE, RTIME) for report header. The following control records are read from SYSCTL:

- PDMREC—to determine if IMREC = 2.
- WHOUSE—to get the controlling warehouse (CTLWH).
- ITEMAS, ITEMBL, OPNSUM, OPNMAT—to check for existence of the file records and to determine if there is available space to add records.

OPNMAT output fields that must be packed are initialized to zero (PACK07, PACK09, PACK11) and ORQTYX is initialized to 1000. MDATE is created in YYMMDD format using subroutine XIDATE. ITEMAS control record key (ITEMKC) is initialized to blanks and a ¢ (cent sign); detail record key (ITEMKY) is initialized to blanks and A. Finally, the next relative record number (RRNXT) from the ITEMAS control record is used to form the following fields:

ITRECX (RRNXT) — used to update the first added ITEMAS record.

ITREC1 (RRNXT+1) — used to update the second added ITEMAS record when IMREC = 2 or to update the ITEMAS control record's RRNXT when IMREC ≠ 2.

ITREC2 (RRNXT+2) — used to update the ITEMAS control record's RRNXT when IMREC = 2.

Detailed processing

Only records with quantity reserved greater than zero (QTYRS > 0) are processed. Item description (ITDSC) and unit of measure (UNMSR) are retrieved from ITEMAS by chaining with ITEMKY (ITNBX + 'A'). If item warehouse (ITWHS) is blank, CTLWH is used to update the OPMTWK record.

A record count (COUNTM) is maintained for processed DMM0150 records and the OPNMAT file count (UCNTMX) is incremented until OPNMAT file capacity is reached (UCNTMX = UCAPM). When capacity is exceeded, a message is printed and any additional valid records (QTYRS > 0) are counted (NOADDS) but not added to OPMTWK.

End-of-job processing

If initialization was successful, record counts (UCNTM) are updated in SYSCTL for ITEMAS, ITEMBL, OPNMAT, and OPNSUM (UCNTMX). The ITEMAS control record is updated with the appropriate next relative record number (ITREC1 or ITREC2). The dummy records are then added to the files.

User exits

None

Display action summary

None

Edit matrix

<u>Record code</u>	<u>Message</u>	<u>Cause</u>
MC	0101	ITEMAS, ITEMBL, OPNMAT, OPNSUM, PDMREC, or WHOUSE record not found
	0304	UCNTM ≥ UCAPM
	0310	UCNTMX > UCAPMX

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
0304 MASTER FILE LIMIT REACHED
0310 MASTER FILE FULL – RESIZE

AMK46—Convert DMB0050 to CONPRC

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Contract Price	DMB0050X	I	NSHR	Index sequential
Contract Price	CONPRC	O	NSHR	Index sequential

User switches

None

Reports

CONPRC File Conversion Summary

LDA

Field name	Field description	Length	Location From	To	Input/Output
COMMON	Default company number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts CONPRC from DMB0050.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Does no calculations for this conversion.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

FILE-CONPRC RCDCD-BC PROGRAM-AMK46 ORDER-15 METHOD-REPLACE SYSMOD-MMAS ONLY															
----MAPICS----			DATA	SELECTION			-----SOURCE-----			--OWNER--					
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/OFT	LEN	D	F	MAPICS DESCRIPTION	APPL	PRGM	SEQ NO
RCDCD	2	A		DEFAULT				'BC'				RECORD CODE	OEI		200
ACREC	1	A		DMB0050				ACREC	1	A		ACTIVE RECORD CODE	OEI		210
CONTR	5	0	N	DMB0050				CONTX	5	0	N	CONTRACT NUMBER	OEI		220
ITNBR	15	A		DMB0050				ITNBX	10	A		ITEM NUMBER	OEI		230
COMNO	2	0	N	DEFAULT				'01'				COMPANY NUMBER	OEI		240
CUSNO	8	0	N	DMB0050				CUSNR	8	0	N	CUSTOMER NUMBER	OEI		250
NEGPR	9	3	P	DMB0050				NECPR	9	3	P	CONTRACT UNIT PRICE	OEI		260
QSLCT	7	0	P	DMB0050				QSLCT	7	0	P	QUANTITY SOLD THIS CONTRACT	OEI		270
ASLCT	9	2	P	DMB0050				ASLCT	9	2	P	AMOUNT SOLD THIS CONTRACT	OEI		280
CTKPC	5	3	P	DMB0050				CTKPC	5	3	P	CONTRACT PERCENTAGE	OEI		290
CTKXT	6	0	P	DMB0050				CTXKD	6	0	P	CONTRACT EXPIRATION DATE	OEI		300
CTKLI	7	0	P	DMB0050				CTKLI	7	0	P	QUANTITY LIMIT THIS CONTRACT	OEI		310
MDATE	6	0	P	COMPUTE				UDATE				DATE OF LAST MAINTENANCE	OEI		320

AMK48—Convert DMB0040 to QTYPRC

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Quantity Price	DMB0040X	I	NSHR	Index sequential
Quantity Price	QTYPRC	O	NSHR	Index sequential

User switches

None

Reports

QTYPRC File Conversion Summary

LDA

Field name	Field description	Length	Location From	To	Input/Output
CANCL	Cancel	1	242	242	U

Description

This program converts QTYPRC from DMB0040.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines.
Does no calculations for this conversion.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

FILE-QTYPRC RCD CD-BB PROGRAM-AMK48 ORDER-16 METHOD-REPLACE SYSMOD-MMAS ONLY														
----MAPICS----			DATA		SELECTION			----SOURCE----				--OWNER--		
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLO/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ NO
RCD CD	2	A	DEFAULT				*BB*				RECORD CODE	OEI		12490
ACREC	1	A	DMB0040				ACREC	1	A		ACTIVE RECORD CODE	OEI		12500
ITNBR	15	A	DMB0040				ITNBR	10	A		ITEM NUMBER	OEI		12510
QNTY1	7	0 P	DMB0040				QNTY1	7	0 P		QUANTITY BREAK 1	OEI		12520
QNTY2	7	0 P	DMB0040				QNTY2	7	0 P		QUANTITY BREAK 2	UEI		12530
QNTY3	7	0 P	DMB0040				QNTY3	7	0 P		QUANTITY BRACK 3	OEI		12540
QNTY4	7	0 P	DMB0040				QNTY4	7	0 P		QUANTITY BREAK 4	OEI		12550
QNTY5	7	0 P	DMB0040				QNTY5	7	0 P		QUANTITY BREAK 5	OEI		12560
QPCT1	5	3 P	DMB0040				QPCT1	5	3 P		QUANTITY BREAK DISCOUNT PERCENTAGE 1	OEI		12570
QPCT2	5	3 P	DMB0040				QPCT2	5	3 P		QUANTITY BREAK DISCOUNT PERCENTAGE 2	OEI		12580
QPCT3	5	3 P	DMB0040				QPCT3	5	3 P		QUANTITY BREAK DISCOUNT PERCENTAGE 3	OEI		12590
QPCT4	5	3 P	DMB0040				QPCT4	5	3 P		QUANTITY BREAK DISCOUNT PERCENTAGE 4	OEI		12600
QPCT5	5	3 P	DMB0040				QPCT5	5	3 P		QUANTITY BREAK DISCOUNT PERCENTAGE 5	OEI		12610
MDATE	6	0 P	COMPUTE				UDATE				DATE OF LAST MAINTENANCE	OEI		12620

AMK50—Convert DMB0030 to SHPMAS

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Ship-To Master	DMB0030X	I	NSHR	Index sequential
Ship-To Master	SHPMAS	O	NSHR	Index sequential

User switches

None

Reports

SHPMAS File Conversion Summary—LR

LDA

Field name	Field description	Length	Location From	Location To	Input/Output
COMMON	Default company number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts SHPMAS from DMB0030.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Does no calculations for this conversion.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

FILE-SHPMAS RCD CD-BA PROGRAM-AMK50 ORDER-17 METHOD-REPLACE SYSMOD-MMAS ONLY													
---MAPICS---			DATA	SELECTION			---SOURCE---			--OWNER--			
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLO/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL PRGM	SEQ NO
RCD CD	2	A	DEFAULT				*BA*				RECORD CODE	OEI	12910
ACREC	1	A	DMB0030				ACREC	1	A		ACTIVE RECORD CODE	OEI	12920
COMNO	2	0 N	LDA								COMPANY NUMBER	OEI	12930
CUSNO	8	0 N	DMB0030				CUSNX	8	0 N		CUSTOMER NUMBER	OEI	12940
SHPNO	2	0 N	DMB0030				SHPNX	2	0 N		SHIP-TO NUMBER	OEI	12950
SHPNM	25	A	DMB0030				SHPNM	25	A		SHIP-TO NAME	OEI	12960
SHIP1	25	A	DMB0030				SHIP1	25	A		SHIP-TO ADDRESS LINE 1	OEI	12970
SHIP2	25	A	DMB0030				SHIP2	25	A		SHIP-TO ADDRESS LINE 2	OEI	12980
SHIP3	25	A	DMB0030				SHIP3	25	A		SHIP-TO ADDRESS LINE 3	OEI	12990
SHPZP	5	0 N	DEFAULT				*0*				SHIP-TO ZIP CODE	OEI	13000
SHPZE	3	A	DEFAULT				* *				SHIP-TO CODE EXTENSION	OEI	13010
SHPST	2	A	DEFAULT				* *				SHIP-TO STATE CODE	OEI	13020
MDATE	6	0 P	COMPUTE				U DATE				DATE LAST MAINTENANCE	OEI	13030
TAXB1	2	A	DEFAULT				* *				TAX BODY 1	OEI	13040
TAXB2	2	A	DEFAULT				* *				TAX BODY 2	OEI	13050
TAXB3	2	A	DEFAULT				* *				TAX BODY 3	OEI	13060
TAXB4	2	A	DEFAULT				* *				TAX BODY 4	OEI	13070

AMK52—Convert DMM0020 to CUSMAS

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSTCL	U	NSHR	Random by key
Customer Master File	DMM0020X	I		Sequential by key
Customer Master File	CUSMAS	U		Random by key

User switches

None

Reports

CUSMAS File Conversion Summary

LDA

Field name	Field description	Length	Location From	To	Input/Output
BICBYT	Billing Control byte	1	5	5	I
ARCBYT	Accounts Receivable control byte	1	6	6	I
COMMON	Company Number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts CUSMAS from DMM0020. Some fields belong to Order Entry and Invoicing and some to Accounts Receivable. When a record is added to CUSMAS, all fields are converted. During a phased conversion when the record already exists in CUSMAS, only the fields that are part of the converting application are converted.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 of the common routines.

Uses company number and customer number as a key to chain to CUSMAS. If the record is not found, adds record to CUSMAS. If found, updates CUSMAS and the record is not added to the file. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Messages

The printed messages are:

```
COMNO CUSNO TXCD1 TAX2P TAX3P
XX      XXXXXXXX X      XXXXXX XXXXX
```

TAX2P and TAX3P are both not 0

Display action summary

None

Edit matrix

None

Conversion calculations

File: CUSMAS

Record code: MA

File	Field	Test	Action
DMM0020	BKPSC	≠ 0,	Changes to 0
	BKPSC	= 0,	Changes to 1
DMM0020	SMTCD	≠ 0,	Changes to 0
	SMTCD	= 0,	Changes to 1
DMM0020	ILCCD	≠ 0,	Changes to 0
	ILCCD	= 0,	Changes to 1
DMM0020	BKORD	≠ 0,	Changes to 0
	BKORD	= 0,	Changes to 1
CUSMAS	TAXB1	If DMM0020, TXCD1 = 1,	Sets TAXB1 = 01
		If DMM0020, TXCD1 = 2,	Sets TAXB1 = 02
		If DMM0020, TXCD1 = 3,	Sets TAXB1 = 03
		If DMM0020, TXCD1 = 4,	Sets TAXB1 = 04
		If DMM0020, TXCD1 = 5,	Sets TAXB1 = 05
		If DMM0020, TXCD1 = 6,	Sets TAXB1 = 06
		If DMM0020, TXCD1 = 7,	Sets TAXB1 = 07
		If DMM0020, TXCD1 = 8,	Sets TAXB1 = 08
		Otherwise,	Sets TAXB1 = blank
DMM0020	TAX2P	≠ 0,	Sets TAXB2 and TAXB3 = blank.
	TAX3P	≠ 0,	Prints COMNO, CUSNO, TXCD1, TAX2P, TAX3P
			Adds record to the file

FILE-CUSMAS RCDCD-MA PROGRAM-AMK52 ORDER-18 METHOD-MERGE SYSMOD-MMAS ONLY																	
----MAPICS----	DATA	SELECTION	-----SOURCE----					--OWNER--									
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLO/DFT	LEN	D	F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ	NO
RCDCD	2	A		DEFAULT				*MA*					RECORD CODE	S34		330	
ACREC	1	A		DMM0020	ACREC	1		A					ACTIVE RECORD CODE	S34		340	
COMNO	2	O	N	LDA									COMPANY NUMBER	S34		350	
CUSNO	8	O	N	DMM0020	CUSNM	8	O	N					CUSTOMER NUMBER	S34		360	
CUSNM	25	A		DMM0020	CUSNM	25		A					CUSTOMER NAME	S34		370	
CUSA1	25	A		DMM0020	CUSA1	25		A					CUSTOMER ADDR 1	S34		380	
CUSA2	25	A		DMM0020	CUSA2	25		A					CUSTOMER ADDR 2	S34		390	
CUSA3	25	A		DMM0020	CUSA3	25		A					CUSTOMER ADDR 3	S34		400	
ZIPCD	5	O	N	DEFAULT				* *					ZIP CODE	S34		410	
ZIPEX	3	A		DEFAULT				* *					ZIP CODE EXTENSION	S34		420	
STACD	2	A		DEFAULT				* *					A STATE CODE	S34		430	
AREAC	3	O	P	DMM0020	AREAC	3	O	P					AREA CODE	S34		440	
PHONE	7	O	P	DMM0020	PHONE	7	O	P					TELEPHONE NUMBER	S34		450	
TERRN	2	O	N	DEFAULT				*O*					TERRITORY NUMBER	S34		460	
CUSCL	2	A		DEFAULT				* *					CUSTOMER CLASS	S34		470	
TAXB1	2	A		COMPUTE									TAX BODY 1	OEI		480	
TAXB2	2	A		DEFAULT				* *					TAX BODY 2	OEI		490	
TAXB3	2	A		DEFAULT				* *					TAX BODY 3	OEI		500	
TAXB4	2	A		DEFAULT				* *					TAX BODY 4	OEI		510	
BKORD	1	O	N	DMM0020	BKORD	1	O	N					BACK ORDERS	OEI		520	
BKSPC	1	O	N	DMM0020	BKSPC	1	O	A					BACK ORDER PARTIAL SHIP CODE	OEI		530	
DCODE	1	O	N	DMM0020	DCODE	1		A					UNIT PRICE DISCOUNT/MARKUP CODE	OEI		540	
ITDCD	1	A		DMM0020	ITDCD	1		A					INVOICE TOTAL DISCOUNT CODE	OEI		550	
STERM	1	O	N	DMM0020	ICDCD	1	O	N					STANDARD TERMS	OEI		560	
CRLAM	7	O	P	DMM0020	CRLAM	7	O	P					CREDIT LIMIT AMOUNT	AR		570	
CRLCD	1	A		DMM0020	CRLCD	1		A					CREDIT LIMIT CODE	AR		580	
SLSNO	5	O	P	DMM0020	SLSNR	5	O	P					SALESMAN NUMBER	S34		590	
FARAM	9	2	P	DEFAULT				*O*					FUTURE ACCOUNTS RECEIVABLE AMOUNT	AR		600	
AMDUE	9	2	P	DMM0020	AMDUE	9	2	P					CUSTOMER AMOUNT DUE	AR		610	
BFOIC	1	A		DMM0020	BFOIC	1		A					BALANCE FORWARD/OPEN ITEM CODE	AR		620	
ILCCD	1	A		DMM0020	ILCCD	1	O	N					SERVICE CHARGE CODE	AR		630	
ILCLS	7	2	P	DMM0020	ILCLS	7	2	N					SERVICE CHARGE LAST STATEMENT	AR		640	
DLTPM	6	O	P	DMM0020	DLTPM	7	O	P					DATE OF LAST PAYMENT	AR		650	
PRBAL	9	2	P	DMM0020	PRBAL	9	2	P					PREVIOUS BALANCE	AR		660	
CHGTD	9	2	P	DMM0020	CHGTD	9	2	P					CHARGES TO DATE	AR		670	
CRDTD	9	2	P	DMM0020	CRDTD	9	2	P					CREDITS TO DATE	AR		680	
ADJTD	9	2	P	DMM0020	ADJTD	9	2	P					ADJUSTMENTS TO DATE	AR		690	
BPAMT	9	2	P	DMM0020	BPAMT	9	2	P					BILLING PERIOD AMOUNT	AR		700	
AGEP1	9	2	P	DMM0020	AGEP1	9	2	P					FIRST AGE PERIOD	AR		710	
AGEP2	9	2	P	DMM0020	AGEP2	9	2	P					AGE PERIOD 2	AR		720	
AGEP3	9	2	P	DMM0020	AGEP3	9	2	P					AGE PERIOD 3	AR		730	
AGEP4	9	2	P	DMM0020	AGEP4	9	2	P					AGE PERIOD 4	AR		740	
DTLOA	6	O	P	DMM0020	DTLOA	7	O	P					DATE OF LAST ORDER	OEI		750	
SMTCD	1	O	N	DMM0020	SMTCD	1	O	N					STATEMENT CODE	AR		760	
MDATE	6	O	P	COMPUTE	UDATE								DATE OF LAST MAINTENANCE	AR		770	
ILPCT	3	3	P	DMM0020	ILPCT	3	3	P					INTEREST/SERVICE CHARGE PERCENT	AR		780	
ILCAM	7	2	P	DMM0020	ILCAM	7	2	P					AGED SERVICE CHARGE AMOUNT	AR		790	
ILCAC	1	O	N	DMM0020	ILCAC	1		A					SERVICE CHARGE AGE CODE	AR		800	
CFOSK	7	A		DEFAULT				*9--9*					FIRST ORDER KEY	S34		810	
OPOCT	3	O	P	DEFAULT				*O*					OPEN ORDER COUNT	S34		820	
ANDIT	7	O	P	DEFAULT				*9--9*					ANCHOR TO OPEN ITEM	S34		830	

AMK54—Convert DMM0020 and DDR3030 to OPENRU

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Customer Master File	DMM0020X	I		Sequential by key
Receivables Detail	DDR3030X	I		Sequential
Receivables Detail	OPENRU	O		

User switches

U1—Conditions input to DMM0020X

Reports

OPENAR File Conversion Summary

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
COMMON	Company number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts OPENRU from DMM0020 and DDR3030. OPENRU is converted by creating records for the file OPENRU which is then processed by the load portion of the REORG procedure. Records are created for OPENRU from both the Customer Master (DMM0020) and the Receivables Detail File (DDR3030). Multiple records are created for each Customer Master MA record. One record in OPENRU is created for each record in DDR3030. *Note:* There is a prerequisite month-end close which must be run on the MMAS system before saving the files to be used for conversion.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

In converting DMM0020 to OPENRU, uses only RCD CD MA and skips all others.

If BFOIC \neq B, skips processing.

If AGE P1 \neq 0, does the following:

- If ILCAC = 1, creates an RN record as follows:
 INVAM = AGE P1 - ILCAM
 TRTYP = 6
 AGECD = 1
- If ILCAC = 1, skips any further processing of next record.
- If ILCAC \neq 1, creates RN records as follows:
 - INVAM = AGE P1 - (ILCLS + ILCAM),
 TRTYP = G, AGECD = 1).
 - INVAM = ILCLS, TRTYP = 8, AGECD = 0

If AGE P2 \neq 0, creates an RN record with INVAM = AGE P2, TRTYP = 6, AGECD = 2.

If AGE P3 \neq 0, creates an RN record with INVAM = AGE P3, TRTYP = 6, AGECD = 3.

If AGE P4 \neq 0, creates an RN record with INVAM = AGE P4, TRTYP = 6, AGECD = 4.

If ILCAM \neq 0, creates an RN record with INVAM = ILCAM, TRTYP = 4, AGECD = 0.

```
ZADD INVAM OUTARA (TRTYP = 1)
ZADD TTLCR OUTARA (TRTYP = 2)
ZADD TDCRA OUTARA (TRTYP = 3)
```

Initialize SEQNR to 1. Do not write out record until level break. For each subsequent record within the invoice number, set UNAPP to the value in the first record. Update SEQNR to SEQNR + 1. Update OUTARA to OUTARA + TTLCRC (TRTYP = 2) or OUTARA + TDCRA (TRTYP = 3). Set OUTAR = 0 in the output record. Writes out record. At change of invoice number, moves OUTARA to OUTAR, moves 1 to SEQNR, and writes out the first record.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

FILE-OPENRU RCDCD-RD PROGRAM-AMK54
ORDER-19 METHOD-REPLACE SYSMOD-MMAS ONLY

----MAPICS----	DATA	SELECTION	-----SOURCE-----	MAPICS DESCRIPTION	--OWNER--	SEQ NO
FIELD LEN D F	SOURCE	RCD M1 M2 FLD/DFT	LEN D F		APPL PRGM	
RCDCD 2 A	DDR3030		RCDCD 2 A	RECORD CODE	AR	7730
ACREC 1 A	DEFAULT		*A*	ACTIVE RECORD CODE	AR	7740
ACODE 1 A	DDR3030		ACODE 1 A	BFOIC	AR	7750
COMNO 2 0 N	LDA			COMPANY NUMBER	AR	7760
CUSNR 8 0 N	DDR3030		CUSNR 8 0 N	CUSTOMER NUMBER	AR	7770
AGECD 1 A	DDR3030		AGECD 1 A	AGE CODE	AR	7780
INVNR 6 0 N	DDR3030		INVNR 6 0 N	INVOICE NUMBER	AR	7790
TRTYP 1 A	DDR3030		TRTYP 1 A	TRANSACTION TYPE	AR	7800
TRNDT 6 0 P	DDR3030		TRNDT 7 0 P	TRANSACTION DATE	AR	7810
ARADJ 9 2 P	DDR3030		TDCRA 9 2 P	ADJUSTMENT AMOUNT	AR	7820
ADJNR 6 A	DDR3030		ADJNR 6 A	ADJUSTMENT NUMBER	AR	7830
PURGE 1 A	DEFAULT		* *	PURGE CODE	AR	7840
UNAPP 1 A	COMPUTE			UNAPPLIED CODE	AR	7850
OUTAR 9 2 P	COMPUTE			OUTSTANDING AMOUNT TREAT LIKE INVOICE	AR	7860
FILL7 17 A	DEFAULT		* *	FILLER	AR	7870
SEQNR 3 0 N	COMPUTE			RECORD SEQUENCE NUMBER	AR	7880

FILE-OPENRU RCDCD-RN PROGRAM-AMK54
ORDER-19 METHOD-REPLACE SYSMOD-MMAS ONLY

----MAPICS----	DATA	SELECTION	-----SOURCE-----	MAPICS DESCRIPTION	--OWNER--	SEQ NO
FIELD LEN D F	SOURCE	RCD M1 M2 FLD/DFT	LEN D F		APPL PRGM	
RCDCD 2 A	DEFAULT		*RN* 2 A	RECORD CODE	AR	7890
ACREC 1 A	DEFAULT		*A*	ACTIVE RECORD	AR	7900
ACODE 1 A	DDR3030 DEFAULT		BFOIC *B*	BFOIC	S34 AR	7910 7920
COMNO 2 0 N	LDA			2 0 N COMPANY NUMBER	AR	7930
CUSNR 8 0 N	DDR0020 DDR3030		CUSNR 8 0 N CUSNR 8 0 N	CUSTOMER NUMBER	S34 AR	7940 7950
AGECD 1 A	DDR3030 DEFAULT		AGECD 1 A *1*	AGE CODE	S34 AR	7960 7970
INVNR 6 0 N	DDR3030 DEFAULT		INVNR 6 0 N *O*	INVOICE NUMBER	S34 AR	7980 7990
CRMNR 6 0 N	DEFAULT		*O*	CREDIT MEMO NUMBER	AR	8000
TRTYP 1 0 N	DDR3030 COMPUTE		TRTYP 1 0 N	TRANSACTION TYPE	S34 AR	8010 8020
TRNDT 6 0 P	COMPUTE		UDATE	TRANSACTION DATE	AR	8030
INVAM 9 2 P	DM0020 DDR3030		AGEP1 9 2 P INVAM 9 2 P	INVOICE AMOUNT	AR S34	8040 8050
COSAL 7 2 P	DDR3030 DEFAULT		CDSAL 7 2 P *O*	CASH DISCOUNT ALLOWED	S34 AR	8060 8070
COPCT 5 3 P	DEFAULT		*O*	CASH DISCOUNT PERCENT	AR	8080
FAGMO 2 0 N	DEFAULT		*O*	FUTURE AGING MONTH	AR	8090
OUTAR 9 2 P	DM0020 COMPUTE		AGEP1 9 2 P	OUTSTANDING AMOUNT BALANCE	AR S34	8100 8110
PURGE 1 A	DEFAULT		*O*	PURGE CODE	AR	8120
FIL09 9 A	DEFAULT		* *	FILLER	S34	8130
SEQNR 3 0 N	COMPUTE			RECORD SEQUENCE NUMBER	AR	8140
SEQCT 1 0 N	COMPUTE			SEQUENCE CONTROL	S34	8150

FILE-OPENRU RCDCD-RO PROGRAM-AMK54 ORDER-19 METHOD-REPLACE SYSMOD-MMAS ONLY													
----MAPICS----			DATA	SELECTION			-----SOURCE-----			--OWNER--			
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL PRGM	SEQ NO
RCDCD	2	A	DDR3030				RCDCD	2	A		RECORD CODE	AR	8160
ACREC	1	A	DEFAULT				*A*				ACTIVE RECORD CODE	AR	8170
ACODE	1	A	DDR3030				ACODE	1	A		BFOIC	AR	8180
COMNO	2	0 N	LOA								COMPANY NUMBER	AR	8190
CUSNR	8	0 N	DDR3030				CUSNR	8	0 N		CUSTOMER NUMBER	AR	8200
AGECD	1	A	DDR3030				AGECD	1	A		AGE CODE	AR	8210
INVNR	6	0 N	DDR3030				INVNR	6	0 N		INVOICE NUMBER	AR	8220
TRTYP	1	0 N	DDR3030				TRTYP	1	0 N		TRANSACTION TYPE	AR	8230
TRNDT	6	0 P	DDR3030				TRNDT	7	0 P		TRANSACTION DATE	AR	8240
AMTRC	9	2 P	DDR3030				AMTRC	9	2 P		AMOUNT RECEIVED	AR	8250
CDSAM	7	2 P	DDR3030				CDSAM	7	2 P		CASH DISCOUNT AMOUNT	AR	8260
ARADJ	9	2 P	DEFAULT				*0*				ADJUSTMENT AMOUNT	AR	8270
TTLCR	9	2 P	DDR3030				TTLCR	9	2 P		TOTAL CREDITED AMOUNT	AR	8280
PURGE	1	A	DEFAULT				* *				PURGE CODE	AR	8290
CKNUM	7	0 P	DEFAULT				* *				CHECK NUMBER	AR	8300
UNAPP	1	A	COMPUTE				* *				UNAPPLIED CODE	AR	8310
DPSNO	9	0 P	DEFAULT				*0*				DEPOSIT NUMBER	AR	8320
OUTAR	9	2 P	COMPUTE								OUTSTANDING BALANCE FOR DETERMINING WHEN	AR	8330
SEQNR	3	0 N	COMPUTE								RECORD SEQUENCE NUMBER	AR	8340

AMK56—Convert DGS4020 and CUSMAS to CUSSUM

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Customer Summary	DGS4020	I	NSHR	Random by key
Customer Master	CUSMAS	I	NSHR	Random by key
Customer Summary	CUSSUM	O	NSHR	Index sequential

User switches

None

Reports

CUSSUM File Conversion Summary—LR
CUSSUM Conversion Exception List

LDA

Field name	Field description	Length	Location From	To	Input/Output
COMMON	Default company number	2	89	90	I
CANCL	Cancel	1	242	242	U

Description

This program converts CUSSUM from DGS4020. It also references Customer Master (CUSMAS).

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 of the common routines. Uses company number and customer number as a key to chain to CUSMAS. If the record is not found, prints line showing COMNO, CUSNR, and adds the record to the file. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

CUSNR = XXXXXXXX = COMNO XX—not in CUSMAS

CUSNR = XXXXXXXX COMNO = XX AORDA = XXXXX—AORDA is less than zero.

Conversion calculations

File: CUSSUM

Record code: SA

File	Field	Test	Action
CUSSUM	COMNO, CUSNR	Not in CUSMAS,	Prints COMNO, CUSNR, and adds them to file.
CUSSUM	CUSCL	CUSMAS record not found,	Defaults to blanks.
DGS4020	AORDA	If < 0,	Prints COMNO, CUSNR, AORDA, and sets AORDA to 0.

FILE-CUSSUM RCDCD-SA PROGRAM-AMK56 ORDER-30 METHOD-REPLACE SYSMOD-MMAS ONLY													
---MAPICS---			DATA	SELECTION			----SOURCE----			--OWNER--		SEQ NO	
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS	DESCRIPTION	APPL PRGM	
RCDCD	2	A	DEFAULT				*SA*				RECORD CODE	SA	840
ACREC	1	A	DGS4020				ACREC	1	A		ACTIVE RECORD CODE	SA	850
COMNO	2	0 N	LDA								COMPANY NUMBER	SA	860
CUSNO	8	0 N	DGS4020				CUSNR	8	0 N		CUSTOMER NUMBER	SA	870
ASALA	9	2 P	DGS4020				ASALA	9	2 P		CUSTOMER SALES AMOUNT YTD	SA	880
ACSTA	9	2 P	DGS4020				ACSTA	9	2 P		CUSTOMER COST AMOUNT YTD	SA	890
AORDA	5	0 P	DGS4020				AORDA	5	0 P		CUSTOMER NUMBER OF INVOICES YTD	SA	900
CSPLY	4	3 P	DGS4020				CSPLY	3	3 P		CUSTOMER GROSS PROFIT PERCENT LAST YEAR	SA	910
CSALY	9	2 P	DGS4020				CSALY	9	2 P		CUSTOMER SALES AMOUNT LAST YEAR	SA	920
CSJAN	9	2 P	DGS4020				CSJAN	9	2 P		CUSTOMER SALES PERIOD 1	SA	930
CSFEB	9	2 P	DGS4020				CSFEB	9	2 P		CUSTOMER SALES PERIOD 2	SA	940
CSMAR	9	2 P	DGS4020				CSMAR	9	2 P		CUSTOMER SALES PERIOD 3	SA	950
CSAPR	9	2 P	DGS4020				CSAPR	9	2 P		CUSTOMER SALES PERIOD 4	SA	960
CSMAY	9	2 P	DGS4020				CSMAY	9	2 P		CUSTOMER SALES PERIOD 5	SA	970
CSJUN	9	2 P	DGS4020				CSJUN	9	2 P		CUSTOMER SALES PERIOD 6	SA	980
CSJUL	9	2 P	DGS4020				CSJUL	9	2 P		CUSTOMER SALES PERIOD 7	SA	990
CSAUG	9	2 P	DGS4020				CSAUG	9	2 P		CUSTOMER SALES PERIOD 8	SA	1000
CSSEP	9	2 P	DGS4020				CSSEP	9	2 P		CUSTOMER SALES PERIOD 9	SA	1010
CSOCT	9	2 P	DGS4020				CSOCT	9	2 P		CUSTOMER SALES PERIOD 10	SA	1020
CSNOV	9	2 P	DGS4020				CSNOV	9	2 P		CUSTOMER SALES PERIOD 11	SA	1030
CSDEC	9	2 P	DGS4020				CSDEC	9	2 P		CUSTOMER SALES PERIOD 12	SA	1040
CS13P	9	2 P	DEFAULT				*0*	9	2 P		CUSTOMER SALES PERIOD 13	SA	1050
CUSCL	2	A	CUSMAS				CUSCL				CUSTOMER CLASS CODE	SA	1060
MDATE	6	0 P	COMPUTE				UDATE				MAINTENANCE DATE	SA	1070

AMK62—Convert DGS4030 and ITEMAS to ITEMSM

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Item Summary	DGS4030	I	NSHR	Index sequential
Item Master	ITEMAS	I	NSHR	Random by key
Item Summary	ITEMSM	O	NSHR	Index sequential

User switches

None

Reports

ITEMSM File Conversion Summary—LR
ITEMSM Conversion Exception List

LDA

Field name	Field description	Length	Location From	To	Input/Output
CANCL	Cancel	1	242	242	U

Description

This program converts ITEMSM from DGS4030. The item master (ITEMAS) is also referenced.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Creates new item number by extending the old item number with 5 blanks on the right. Uses item number to chain to the ITEMAS file. If no record is found, prints a line showing item number and adds record to the file. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

XXXXXXXXXXXX—ITNBR not in ITEMAS

ITNBR = XXXXXXXXXXXX AORDI = XXXXX AORDI is less than zero.

Conversion calculations

File: ITEMSM

Record code: SB

File	Field	Test	Action
DGS4030	ITNBR		Pads ITNBR with 5 blanks on right to create new item number.
ITEMSM	ITNBR	Record not found in ITEMAS	Prints ITNBR, adds record to file and defaults ITCLS to blanks.
DGS4030	AORDI	If < 0,	Print ITNBR and AORDI. Sets AORDI to 0 and adds record to file.

FILE-ITEMSM RCDCD-SB PROGRAM-AMK62
ORDER-32 METHOD-REPLACE SYSMOD-MMAS ONLY

---MAPICS---			DATA	SELECTION	-----SOURCE-----			DESCRIPTION	---OWNER---	SEQ NO
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN D F	APPL PRGM	
RCDCD	2	A	DEFAULT					*SB*	SA	7180
ACREC	1	A	DGS4030	ACREC	1	A		ACTIVE RECORD CODE	SA	7190
ITNBR	15	A	DGS4030	ITNBR	10	A		ITEM NUMBER	SA	7200
ITCLS	2	A	ITEMAS	ITCLS	2	A		ITEM CLASS	SA	7210
SALYR	9	2	P DGS4030	SALYR	9	2	P	ITEM SALES AMOUNT YTD	SA	7220
SACYR	9	2	P DGS4030	SALYR	9	2	P	ITEM COST AMOUNT YTD	SA	7230
SAQYR	9	0	P DGS4030	SALYR	7	0	P	ITEM QUANTITY YTD	SA	7240
LOSTY	7	0	P DGS4030	LOSTY	7	0	P	ITEM LOST QUANTITY YTD	SA	7250
AORDI	5	0	P DGS4030	AORDI	5	0	P	ITEM NUMBER OF INVOICES YTD	SA	7260
ISPLY	4	3	P DGS4030	ISPLY	3	3	P	ITEM GROSS PROFIT PERCENT LAST YEAR	SA	7270
ISALY	9	2	P DGS4030	ISALY	9	2	P	ITEM SALES AMOUNT LAST YEAR	SA	7280
IQTLY	9	0	P DGS4030	IQTLY	7	0	P	ITEM QUANTITY LAST YEAR	SA	7290
IQJAN	7	0	P DGS4030	IQJAN	5			ITEM QUANTITY PERIOD 1	SA	7300
IQFEB	7	0	P DGS4030	IQFEB	5			ITEM QUANTITY PERIOD 2	SA	7310
IQMAR	7	0	P DGS4030	IQMAR	5			ITEM QUANTITY PERIOD 3	SA	7320
IQAPR	7	0	P DGS4030	IQAPR	5			ITEM QUANTITY PERIOD 4	SA	7330
IQMAY	7	0	P DGS4030	IQMAY	5			ITEM QUANTITY PERIOD 5	SA	7340
IQJUN	7	0	P DGS4030	IQJUN	5			ITEM QUANTITY PERIOD 6	SA	7350
IQJUL	7	0	P DGS4030	IQJUL	5			ITEM QUANTITY PERIOD 7	SA	7360
IQAUG	7	0	P DGS4030	IQAUG	5			ITEM QUANTITY PERIOD 8	SA	7370
IQSEP	7	0	P DGS4030	IQSEP	5			ITEM QUANTITY PERIOD 9	SA	7380
IQOCT	7	0	P DGS4030	IQOCT	5			ITEM QUANTITY PERIOD 10	SA	7390
IQNOV	7	0	P DGS4030	IQNOV	5			ITEM QUANTITY PERIOD 11	SA	7400
IQDEC	7	0	P DGS4030	IQDEC	5			ITEM QUANTITY PERIOD 12	SA	7410
IQ13P	7	0	P DEFAULT	*O*				ITEM QUANTITY PERIOD 13	SA	7420
ISJAN	9	2	P DGS4030	ISJAN	9	2	P	ITEM SALES PERIOD 1	SA	7430
ISFEB	9	2	P DGS4030	ISFEB	9	2	P	ITEM SALES PERIOD 2	SA	7440
ISMAR	9	2	P DGS4030	ISMAR	9	2	P	ITEM SALES PERIOD 3	SA	7450
ISAPR	9	2	P DGS4030	ISAPR	9	2	P	ITEM SALES PERIOD 4	SA	7460
ISMAY	9	2	P DGS4030	ISMAY	9	2	P	ITEM SALES PERIOD 5	SA	7470
ISJUN	9	2	P DGS4030	ISJUN	9	2	P	ITEM SALES PERIOD 6	SA	7480
ISJUL	9	2	P DGS4030	ISJUL	9	2	P	ITEM SALES PERIOD 7	SA	7490
ISAUG	9	2	P DGS4030	ISAUG	9	2	P	ITEM SALES PERIOD 8	SA	7500
ISSEP	9	2	P DGS4030	ISSEP	9	2	P	ITEM SALES PERIOD 9	SA	7510
ISOCT	9	2	P DGS4030	ISOCT	9	2	P	ITEM SALES PERIOD 10	SA	7520
ISNOV	9	2	P DGS4030	ISNOV	9	2	P	ITEM SALES PERIOD 11	SA	7530
ISDEC	9	2	P DGS4030	ISDEC	9	2	P	ITEM SALES PERIOD 12	SA	7540
IS13P	9	2	P DEFAULT	*O*				ITEM SALES PERIOD 13	SA	7550
MDATE	6	0	P COMPUTE	UDATE				MAINTENANCE DATE	SA	7560

AMK64—Convert DMM0060 to SLSMAS

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Salesman Master	DMM0060	I	NSHR	Index sequential
Salesman Master	SLSMAS	O	NSHR	Index sequential

User switches

None

Reports

SLSMAS File Conversion Summary—LR
SLSMAS Conversion Exception List

LDA

Field name	Field description	Length	Location From To		Input/Output
CANCL	Cancel	1	242	242	U

Description

This program converts SLSMAS from DMM0060.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines.
Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

SLSNR = XXXXX—SLSNM is not on DMM0060

SLSNR = XXXXX SLSNM

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX SYSOTD =

XXXXX—SYOTD is less than zero.

Conversion calculations

File: SLSMAS

Record code: SC

File	Field	Test	Action
DMM0060	SLSNM	If = blanks,	Prints SLSNR and adds to file.
DMM0060	SYOTD	If < 0,	Prints SLSNR, SLSNM, and SYOTD. Sets SYOTD = 0 and adds to file.

FILE-SLSMAS RDCD-SC PROGRAM-AMK64
 ORDER-34 METHOD-REPLACE SYSMOD-MMAS ONLY

----MAPICS----			DATA	SELECTION	-----SOURCE-----			--OWNER--				
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS DESCRIPTION	APPL PRGM	SEQ NO
RDCD	2	A	DEFAULT				*SC*				SA	13080
ACREC	1	A	DMM0060	ACREC	1	A	ACTIVE RECORD CODE				SA	13090
SLSNO	5	0 N	DMM0060	SLSNR	5	0 N	SALESMAN NUMBER				SA	13100
SLSNM	25	A	DMM0060	SLSNM	25	A	SALESMAN NAME				SA	13110
SYDAM	11	2 P	DMM0060	SYDAM	11	2 P	SALESMAN SALES AMOUNT YTD				SA	13120
CYDAM	11	2 P	DMM0060	CYRAM	11	2 P	SALESMAN COST AMOUNT YTD				SA	13130
SYOTD	5	0 P	DMM0060	SYOTD	5	0 P	SALESMAN NUMBER OF INVOICES YTD				SA	13140
SSPLY	4	3 P	DMM0060	SSPLV	3	3 P	SALESMAN GROSS PROFIT PERCENT LAST YEAR				SA	13150
SSALY	11	2 P	DMM0060	SSALY	9	2 P	SALESMAN SALES AMOUNT LAST YEAR				SA	13160
SSJAN	9	2 P	DMM0060	SSJAN	9	2 P	SALESMAN SALES PERIOD 1				SA	13170
SSFEB	9	2 P	DMM0060	SSFEB	9	2 P	SALESMAN SALES PERIOD 2				SA	13180
SSMAR	9	2 P	DMM0060	SSMAR	9	2 P	SALESMAN PERIOD 3				SA	13190
SSAPR	9	2 P	DMM0060	SSAPR	9	2 P	SALESMAN SALES PERIOD 4				SA	13200
SSMAY	9	2 P	DMM0060	SSMAY	9	2 P	SALESMAN SALES PERIOD 5				SA	13210
SSJUN	9	2 P	DMM0060	SSJUN	9	2 P	SALESMAN SALES PERIOD 6				SA	13220
SSJUL	9	2 P	DMM0060	SSJUL	9	2 P	SALESMAN SALES PERIOD 7				SA	13230
SSAUG	9	2 P	DMM0060	SSAUG	9	2 P	SALESMAN SALES PERIOD 8				SA	13240
SSSEP	9	2 P	DMM0060	SSSEP	9	2 P	SALESMAN SALES PERIOD 9				SA	13250
SSOCT	9	2 P	DMM0060	SSOCT	9	2 P	SALESMAN SALES PERIOD 10				SA	13260
SSNOV	9	2 P	DMM0060	SSNOV	9	2 P	SALESMAN SALES PERIOD 11				SA	13270
SSDEC	9	2 P	DMM0060	SSDEC	9	2 P	SALESMAN SALES PERIOD 12				SA	13280
SS13P	9	2 P	DEFAULT				*O*			SALESMAN SALES PERIOD 13	SA	13290
MDATE	6	0 P	COMPUTE	UDATE			MAINTENANCE DATE				SA	13300

AMK68—Convert P\$STRUC and P\$MSTRK to P\$EDIT

File

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Product Structure	P\$STRUC	I		Random by RRN
Product Master	P\$MSTRK	I		Random by RRN
Product Structure Unload/Load	P\$EDIT	O		

User switches

None

Reports

P\$TRUC File Conversion Summary (P\$STRUC)

LDA

Field name	Field description	Length	Location From	To	Input/Output
CANCL	Cancel	1	242	242	U

Description

This program converts from P\$STRUC. MMAS unload program was modified to be used in this program. P\$STRUC is unloaded to create the work file P\$EDIT. AMK69 will add records from JOBSEL at the end of P\$EDIT. When this is done, a reload program will create P\$TRUC. Refer to MMAS unload program (PC12) for a detailed explanation of how P\$STRUC is unloaded to create a work file.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 of the common routines. Unloads P\$STRUC to the work file P\$EDIT. Program AMK69 will add records from JOBSEL at the end of P\$EDIT. MAPICS load procedure is used to create P\$TRUC. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: P\$EDIT

Record code: 06

File	Field	Test	Action
TPSMTT	C\$PNO		Pads at right with 5 blanks.
TPSMTT	C\$CMP		Pads at right with 5 blanks.

FILE-PSEDIT RCDCD-PS PROGRAM-AMK68 ORDER-22 METHOD-MERGE SYSMOD-MMAS ONLY																	
----MAPICS----			DATA	SELECTION			-----SOURCE----				--OWNER--						
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ	NO
RCDCD	2	A		DEFAULT				*06*					RECORD CODE	S34		12000	
PINBR	15	A		TPSMTT JOBSEL			WL	I\$PN EITEM	10 10	A			PARENT ITEM NUMBER	S34 S34 AMK69		12010 12020	
CINBR	15	A		TPSMTT JOBSEL			WL	I\$PN ITNBR	10 10	A			COMPONENT ITEM NUMBER	S34 S34 AMK69		12030 12040	
QTYPR	7	3	P	TPSMTT JOBSEL			WL	P\$QTY BQUAN	6 7	3 3	N P		QUANTITY PER	S34 S34 AMK69		12050 12060	
OPWFU	4	A		DEFAULT				* *					OPERATION SEQUENCE WHERE FIRST USED	S34		12070	
LTADJ	2	0	N	DEFAULT				*0*					COMPONENT LEAD TIME ADJUSTMENT	S34		12080	
FOPPF	5	4	P	DEFAULT				* *					FEATURE/OPTION PLANNING FACTOR	S34		12090	
FOPCF	5	4	P	DEFAULT				*0*					FEATURE/OPTION COST ROLLUP FACTOR	S34		12100	
EDATM	6	0	P	DEFAULT				*0*					EFFECTIVE DATE FROM	S34		12110	
EDATO	6	0	P	DEFAULT				*0*					EFFECTIVE DATE TO	S34		12120	
FOPCD	1	A		DEFAULT				* *					FEATURE/OPTION CODE	S34		12130	
FOPND	2	0	N	DEFAULT				*0*					FEATURE/OPTION NUMBER	S34		12140	
ALTSEQ	2	0	N	DEFAULT				*0*					FILLER	S34		12150	
MDATE	6	0	P	COMPUTE				U	D	A	T	E	DATE LAST MAINTAINED	S34		12160	

**AMK69—Convert JOBSEL to PSEDIT
(work file for PSTRUC)**

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Job Select Master File	JOBSEL	I		Sequential
Product Structure Unload/Load	PSEDIT	O		

User switches

None

Reports

PSTRUC File Conversion Summary (JOBSEL)

LDA

Field name	Field description	Length	Location From	To	Input/Output
CANCL	Cancel	1	242	242	U

Description

This program converts PSTRUC from JOBSEL. Select JOBSEL records are converted to create Product Structure Work file (PSEDIT). When this is done, the reload program is run to create PSTRUC.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 of the common routines. Processes only records with RCDCD = WL and TCODE = I or M. Records selected for processing are added at the end of PSEDIT. MAPICS load procedure is used to create PSTRUC. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: PSEDIT

Record code: 06

File	Field	Test	Action
JOBSEL	EITEM		Pad at right with 5 blanks
JOBSEL	ITNBR		Pad at right with 5 blanks
JOBSET	ITNBR	= blank	Prints record and adds it to file

AMK70—Convert JOBSEL to RTEDIT (work file for ROUTNG)

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Job Select Master	JOBSEL	I		Sequential
Routing Unload/ Load	RTEDIT	O		

User switches

None

Reports

ROUTNG File Conversion Summary

LDA

Field name	Field description	Length	Location From To		Input/Output
CANCL	Cancel	1	242	242	U

Description

This program converts ROUTNG from JOBSEL. RTEDIT is created from records in JOBSEL with RCDCD = WK and COSTY = EQ L, or, RCDCD = WL COSTY = M, TCODE = 0 and ITNBR ≠ blank. The file is saved on diskette to be used by PDM's (Product Data Management) initial file load. The load cannot be done until WRKCTR is available.

Initialization

Executes ROUTES of the common routines.

Detailed processing

Executes ROUT2 of the common routines. Processes only the following records: RCDCD = WK and COSTY = L, RCDCD = WL, COSTY = M, TCODE = 0 and ITNBR ≠ blank. Uses the MAPICS load procedure to create ROUTNG. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: RTEDIT

Record code: 10

File	Field	Test	Action
JOBSEL	EITEM		Pads on right with 5 blanks
JOBSEL	WRKCT		Moves last 4 positions of WRKCT to first 4 positions of WKCTR and appends blank as last position of WKCTR.
RTEDIT	TBCOD	Translate	MMAS MAPICS blank → blank 0 → 1 1 → 2 2 → 3 3 → P 4 → H
JOBSEL	BCOST	If > 999.99	Issues error; prints key, old BCOST and new RUNLB. Adds record to file.

FILE-RTEDIT RCDCD-RC PROGRAM-AMK70 ORDER-23 METHOD-MERGE SYSMOD-MMAS ONLY															
----MAPICS----			DATA	SELECTION			-----SOURCE-----			DESCRIPTION		--OWNER--		SEQ NO	
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS	APPL	PRGM	SEQ NO
RCDCD	2	A		DEFAULT				*10*					S34		12630
PINBR	15	A		JOBSEL	WK	L		EITEM	10	A		PARENT ITEM NUMBER	S34		12640
				JOBSEL	WL	D		EITM	10	A			S34		12650
WKCTR	5	A		JOBSEL	WK	L		WRKCT	6	A		WORK CENTER ID	S34		12660
				DEFAULT				* *					S34		12670
OPSEQ	4	A		JOBSEL	WK	L		OPRNO	4	A		OPERATION SEQ NUMBER	S34		12680
				DEFAULT				* *					S34		12690
RUNMC	5	2	P	JOBSEL	WK	L		BRUNT	7	2	P	RUN MACHINE (USE TBC)	S34		12700
				JOBSEL	WL	D		BCOST	9	4	P		S34		12710
RUNLB	5	2	P	JOBSEL	WK	L		BRUNT				RUN LABOR (USE TBC)	S34		12720
				JOBSEL	WL	D		BCOST	9	4	P		S34		12730
SULHR	5	2	P	JOBSEL	WK	L		BSETT	5	2	P	SET UP LABOR HOURS	S34		12740
				DEFAULT				*0*					S34		12750
SUCSZ	2	0	N	DEFAULT				*01*				SETUP CREW SIZE	S34		12760
TBCOD	1	A		JOBSEL	WK	L		TBCDE	1	A		TIME BASIS CODE (TAC)	S34		12770
				DEFAULT				*C*					S34		12780
OPOSC	20	A		JOBSEL	WK	L		ODESC	20	A		OPERATION DESCRIPTION	S34		12790
				JOBSEL	WL	D		MDESC	20	A			S34		12800
AVGRM	5	2	P	DEFAULT				*0*				AVERAGE RUN MACHINE	S34		12810
AVGRL	5	2	P	DEFAULT				*0*				AVERAGE RUN LABOR	S34		12820
AVGSL	5	2	P	DEFAULT				*0*				AVERAGE SET LABOR HOURS	S34		12830
MOVTM	4	2	P	DEFAULT				*0*				MOVE TIME (DAYS)	S34		12840
RTOOL	6	A		DEFAULT				* *				TOOL NUMBER	S34		12850
PRONO	6	A		DEFAULT				* *				PROCESS SHEET NUMBER	S34		12860
OPSTC	2	A		DEFAULT				*10*				OPERATION STATUS CODE	S34		12870
NOTIM	2	0	N	DEFAULT				*0*				NO TIMES REPORTED	S34		12880
RLDTE	6	0	P	DEFAULT				*0*				DATE LAST REPORTED	S34		12890
MDATE	6	0	P	COMPUTE				UDATE				DATE LAST MAINTAINED	S34		12900

**AMK72—Convert JOBMAT to DETAIL
(work file for OPNMIS)**

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Open Job Material/Misc.	JOBMATX	I	NSHR	Sequential
Open Order Summary	OPNSUM	I	NSHR	Random by key
Open Order Miscellaneous Detail	DETAIL	O	NSHR	Sequential

User switches

None

Reports

OPNMIS File Conversion Summary
OPNMIS Conversion Exception List

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
LOPMIS	OPNMIS conversion byte	1	32	32	U
CANCL	Cancel	1	242	242	U

Description

This program converts JOBMAT to a work file DETAIL. The OPNMIS reload procedure then creates OPNMIS file. The following criteria is used to select records to be converted:

RCD CD	TCODE	ITNBN
W6	I	Blank
W6	M	Blank
W6	O	—
D6	—	—

References OPNSUM file.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

***Records that were dropped because ORDNO not in OPNSUM file.

ORDNO	ITNBR	CUSNR
XXXXXXXX	XXXXXXXXXXXX	XXXXXXXX

FILE-DETAIL RCDCD-PG PROGRAM-AMK72 ORDER-29 METHOD-MERGE SYSMOD-MMAS ONLY														
----MAPICS----		DATA		SELECTION			-----SOURCE-----			--OWNER--				
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLO/DFT	LEN	D	F	MAPICS DESCRIPTION	APPL PRGM	SEQ NO
RCDCD	2	A		DEFAULT				*PG*				RECORD CODE	PCC	1260
FIL04	4	A		DEFAULT				* * *				FILLER	S34	1270
ORDNO	7	A		JOBMAT	W6	I		JOBNO	6	A		ORDER NUMBER ORDNO	PCC	1280
				JOBMAT	W6	M		JOBNO	6	A			PCC	1290
				JOBMAT	W6	O		JOBNO	6	A			PCC	1300
MTCDE	1	A		DEFAULT				*M*				TRANSACTION CODE	PCC	1310
MITNO	15	A		JOBMAT	W6	I		ITNBR	10	A		MISCELLANEOUS CHARGE NUMBER	PCC	1320
				JOBMAT	W6	M		ITNBR	10	A			PCC	1330
				JOBMAT	W6	O		ITNBR	10	A			PCC	1340
MDESC	20	A		JOBMAT	W6	I		MDESC	20	A		MISCELLANEOUS DESCRIPTION	PCC	1350
				JOBMAT	W6	M		MDESC	20	A			PCC	1360
				JOBMAT	W6	O		MDESC	20	A			PCC	1370
MUQTY	11	4	P	JOBMAT	W6	I		BQUAN	7	3	P	STANDARD UNIT QUANTITY	PCC	1380
				JOBMAT	W6	M		BQUAN	7	3	P		PCC	1390
				JOBMAT	W6	O		BQUAN	7	3	P		PCC	1400
MSQTY	7	0	P	COMPUTE								STANDARD QUANTITY	PCC	1410
AQPER	7	0	P	JOBMAT	W6	I		AQUAN				ACTUAL QUANTITY THIS PERIOD	PCC	1420
				JOBMAT	W6	M		AQUAN					PCC	1430
				JOBMAT	W6	O		AQUAN	7	0	P		PCC	1440
AQTOD	7	0	P	JOBMAT				AQUAN	7	0	P	ACTUAL QUANTITY TO-DATE		1450
MUCST	11	4	P	JOBMAT	W6	I		BCOST	9	4	P	STANDARD UNIT COST	PCC	1460
				JOBMAT	W6	M		BCOST	9	4	P		PCC	1470
				JOBMAT	W6	O		BCOST	9	4	P		PCC	1480
MSCST	7	2	P	COMPUTE								STANDARD FIXED COST	PCC	1490
ACPER	7	2	P	JOBMAT	W6	I		ACOST	7	2	P	ACTUAL COST THIS PERIOD	PCC	1500
				JOBMAT	W6	M		ACOST	7	2	P		PCC	1510
				JOBMAT	W6	O		ACOST	7	2	P		PCC	1520
ACTOD	7	2	P	JOBMAT	W6	I		ACOST				ACTUAL COST TO-DATE	PCC	1530
				JOBMAT	W6	M		ACOST	7	2	P		PCC	1540
				JOBMAT	W6	O		ACOST	7	2	P		PCC	1550
LTRDT	6	0	P	JOBMAT	W6	I		LTRDT	7	0	P	DATE OF LAST TRANSACTION	PCC	1560
				JOBMAT	W6	M		LTRDT	7	0	P		PCC	1570
				JOBMAT	W6	O		LTRDT	7	0	P		PCC	1580
MSTAT	2	A		COMPUTE								STATUS CODE	PCC	1590

AMK74—Convert JOBDET to DETAIL (work file for OPNOPS)

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Job Detail	JOBDDTX	I	NSHR	Sequential
Open Order Summary	OPNSUM	I	NSHR	Random by key
Open Order Operation Detail	DETAIL	O	NSHR	Sequential

User switches

None

Reports

OPNOPS File Conversion Summary
OPNOPS Conversion Exception List

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
Cancel	Cancel	1	242	242	U

Description

This program converts JOBDET to a work file, DETAIL. The OPNOPS reload procedure must be run to create the final OPNOPS. References OPNSUM. Record code W4 is used to convert OPNOPS.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routine.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

***Records that were dropped because ord. no. not in order file

ORDNO	ITYBR	CUSNR
XXXXXXXX	XXXXXXXXXXXX	XXXXXXXX

Conversion calculations

File: OPNOPS

Record code: PH

File	Field	Test	Action
JOBDET	TBCDE	Translate	MMAS/DFAS MAPICS blank → blank 0 → 1 1 → 2 2 → 3 3 → P 4 → H
	BRATE	If BRATE > 0, If BRATE < 0,	Sets OCCDE = to A Sets OCCDE = to C
	ARUNC	If = 0, otherwise,	(ARUNT) x (LRATE) = RLCTD Sets RLCTD to ARUNC
OPNOPS	OVCTD	If BRATE > 0, If BRATE < 0,	(ARUNT + ASETT) x (BRATE) = OVCTD (-1) x (ARUNC + ASET) x (BRATE) divided by 10 = OVCTD
		Uses ORDNO as key and chains to OPNSUM file to get ORQTY. If no record is found, prints a message and drops from conversion. If a record is found calculates:	
		If TBCDE = blank,	(BRUNT x 1.0) x (ORQTY) = BRUNT
		If TBCDE = 0,	(BRUNT x 0.1) x (ORQTY) = BRUNT
		If TBCDE = 1,	(BRUNT x .01) x (ORQTY) = BRUNT
		If TBCDE = 2,	(BRUNT x .001) x (ORQTY) = BRUNT
		If TBCDE = 3,	ORQTY divided by BRUNT = PRUNT
		If TBCDE = 4,	BRUNT = PRUNT (PRUNT) x (LRATE) = PRUNC

File	Field	Test	Action
OPNOPS (cont.)		If BRATE > 0,	(PRUNT + PSETT) x BRATE = PBURC
		If BRATE < 0,	(PRUNT + PSETC) x (BRATE x -.01) = PBURC PSETC + PRUNC + PBURC = OPCST
		If ARUNC = 0,	(ARUNT) x (LRATE) = RCLTD
		otherwise,	sets RCLTD = ARUNC
		If ASETC = 0,	(ASETT) x (LRATE) = SLCTD
		otherwise,	sets SLCTD = ASETC

FILE-DETAIL		RCD-CD-PH		PROGRAM-AMK74			
ORDER-28		METHOD-MERGE		SYSMOD-MMAS ONLY			
----MAPICS----		DATA		SELECTION		-----SOURCE-----	
FIELD	LEN D F	LEN D F	SOURCE	RCD M1 M2	FLD/DFT	LEN D F	MAPICS DESCRIPTION
						--OWNER--	
						APPL PRGM SEQ NO	
RCD-CD	2 A	DEFAULT			*PH*		RECORD CODE S34 1600
ORDNO	7 A	JOBDET	W4		JOBNO	6 A	ORDER NUMBER S34 1610
OPSEQ	4 A	JOBDET	W4		OPRNO	4 A	OPERATION SEQUENCE NUMBER S34 1620
ALRTG	1 A	DEFAULT			* *		ALTERNATE ROUTING FIELD S34 1630
DESSQ	2 A	DEFAULT			* *		DESCRIPTION SEQUENCE NUMBER S34 1640
FILO4	4 A	DEFAULT			* *		FILLER S34 1650
WKCTR	5 A	JOBDET	W4		WRKCT	6 A	WORK CENTER NUMBER S34 1660
TBCDE	1 A	COMPUTE					TIME BASIS CODE S34 1670
SSLHU	5 2 P	JOBDET	W4		PSETT	5 2 P	STANDARD SETUP LABOR HOURS S34 1680
SRMHU	7 2 P	JOBDET			BRUNT		STANDARD RUN MACHINE HOURS S34 1690
SRLHU	7 2 P	JOBDET	W4		BRUNT	5 2 P	STANDARD RUN LABOR HOURS S34 1700
SETCS	2 0 N	DEFAULT			*1*		SETUP CREW SIZE S34 1710
OPSTC	2 A	JOBDET	W4		STATS	2 A	OPERATION STATUS CODE S34 1720
TQCTP	7 0 P	JOBDET	W4		QTCOM	7 0 P	TOTAL QUANTITY COMPLETE THIS PERIOD S34 1730
TQCTD	7 0 P	OPNOPS			TQCTP		TOTAL QUANTITY COMPLETE TOTAL TO DATE S34 1740
SCRAP	7 0 P	DEFAULT			*0*		QUANTITY SCRAPPED TOTAL TO DATE S34 1750
MOVTM	4 2 P	DEFAULT			*0*		MOVE TIME (IN DAYS) S34 1760
QUETM	4 2 P	DEFAULT			*0*		QUEUE TIME (IN DAYS) S34 1770
SLHTP	5 2 P	JOBDET	W4		ASETT	5 2 P	SETUP LABOR HOURS THIS PERIOD S34 1780
SMHTP	5 2 P	DEFAULT			*0*		SETUP MACHINE HOURS THIS PERIOD S34 1790
RMHTP	7 2 P	DEFAULT			*0*		RUN MACHINE HOURS THIS PERIOD S34 1800
RLHTP	7 2 P	JOBDET			ARUNT	7 2 P	RUN LABOR HOURS THIS PERIOD S34 1810
SLHTD	5 2 P	OPNOPS			SLHTP		SETUP LABOR HOURS TOTAL TO DATE S34 1820
SMHTD	5 2 P	DEFAULT			*0*		SETUP MACHINE HOURS TOTAL TO DATE PCC 1830
RMHTD	7 2 P	DEFAULT			*0*		RUN MACHINE HOURS TOTAL TO DATE PCC 1840
RLHTD	7 2 P	OPNOPS			RLHTP		RUN LABOR HOURS TOTAL TO DATE PCC 1850

----MAPICS----			DATA	SELECTION			-----SOURCE-----			MAPICS DESCRIPTION	--OWNER--	SEQ NO
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLO/DFT	LEN	D F		APPL PRGM	
OPDSC	20	A	JOBDET	W4			ODESC	20	A	BRIEF OPERATION DESCRIPTION	PCC	1860
SSTDT	6	0 P	DEFAULT				*0*			SCHEDULED START DATE	PCC	1870
ASTDT	6	0 P	DEFAULT				*0*			ACTUAL START DATE	PCC	1880
SCODT	6	0 P	DEFAULT				*0*			SCHEDULED COMPLETION DATE	PCC	1890
OVLOP	1	A	DEFAULT				*0*			OVERLAPPED OPERATION	PCC	1900
SLCTD	7	2 P	JOBDET	W4			ASETC	5	2 P	SETUP LABOR COST TOTAL TODATE	PCC	1910
MACTD	7	2 P	DEFAULT				*0*			MACHINE COST TOTAL TO DATE	PCC	1920
RLCTD	7	2 P	JOBDET	W4			ARUNC	7	2 P	RUN LABOR POST TOTAL TO DATE	PCC	1930
OVCTD	7	2 P	COMPUTE							OVERHEAD COST TOTAL TO DATE	PCC	1940
REWRK	1	A	DEFAULT				* *			REWORK FLAG	PCC	1950
DPTND	4	A	JOBDET	W4			WRKCT	6	A	DEPARTMENT	PCC	1960
AWRKC	5	A	DEFAULT				* *			ACTUAL WORK CENTER	PCC	1970
PROND	6	A	DEFAULT				* *			PROCESS SHEET NUMBER	PCC	1980
TOOLS	6	A	DEFAULT				* *			TOOL NUMBER	PCC	1990
LTRDT	6	0 P	JOBDET	W4			LTRDT	7	0 P	DATE OF LAST TRANSACTION	PCC	2000
OPCST	7	2 P	COMPUTE							STANDARD LABOR AND OVERHEAD COST AT RELE	PCC	2010
SLCTP	7	2 P	OPNSUM				SLCTD			SETUP LABOR COST THIS PERIOD	PCC	2020
MACTP	7	2 P	DEFAULT				*0*			MACHINE COST THIS PERIOD	PCC	2030
RLCTP	7	2 P	OPNOPS				RLCTD			RUN LABOR COST THIS PERIOD	PCC	2040
OVCTP	7	2 P	OPNOPS				OVCTD			OVERHEAD COST THIS PERIOD	PCC	2050
SSLAB	5	3 P	DEFAULT				*0*			STANDARD SETUP LABOR RATE	PCC	2060
SMACH	5	2 P	DEFAULT				*0*			STANDARD MACHINE RATE	PCC	2070
SRLAB	5	3 P	JOBDET	W4			LRATE	5	2 P	STANDARD RUN LABOR RATE	PCC	2080
SOVER	5	2 P	JOBDET	W4			BRATE	5	2 P	STANDARD OVERHEAD RATE OR PERCENTAGE	PCC	2090
OCCDE	1	A	COMPUTE							OVERHEAD COST CODE	PCC	2100
PLCDE	1	A	DEFAULT				*5*			PRIME LOAD CODE	PCC	2110
TSQNO	7	0 P	DEFAULT				*0*			TURNAROUND FILE SEQUENCE NUMBER	PCC	2120
CHECK	1	A	DEFAULT				*0*			CHECK DIGIT	PCC	2130

AMK76—Convert DDI0200 and ITEMAS to OPNSUM

Files

Full file name	System name	Type	Disp	Mode of processing
Item Master	ITEMAS	I	NSHR	Random by key
On-order	DDI0200	I	NSHR	Consecutive
Item Balance	ITEMBL	U	NSHR	Random by key
Manufacturing Open Order Summary	OPNSUM	U	NSHR	Random by key
System Control	SYSCTL	U	NSHR	Random by key

User switches

None

Reports

OPNSUM File Conversion Summary—LR
OPNSUM Conversion Exception List

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
CANCL	Cancel	1	242	242	U

Description

This program converts OPNSUM from DDI0200. Record code OO with TCODE O are the only records used from DDI0200. Referenced ITEMAS. Updates ITEMBL by moving MOSKA of ITEMBL to OSNOA of OPNSUM and by moving ORDNO of OPNSUM to MOSKA of ITEMBL. If item number is not found in either ITEMAS or ITEMBL, print a line showing ITNBR and drops the record from file.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 and ROUT3 of the common routines. Does conversion calculations.

Special considerations

The new order number, ORDNO, is created by prefixing an M to the first six digits of OURSO. If the last two positions of OURSO are not blank, a line prints showing the fields OURSO and ORDNO. Moves the full eight characters of OURSO to REFNO. If a duplicate ORDNO is created, creates a new ORDNO as follows: Creates a new number in the form M;NNNNN, where N is a sequentially assigned number incremented by 1 each time a duplicate is encountered. Moves the full original number to the field REFNO. Prints a line showing the old and new number.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

The printed messages are:

```

OURSO = XXXXXXXX ORDNO = XXXXXXXX LAST
      TWO DIGITS ARE NOT EQUAL TO BLANK
OURSO = XXXXXXXX ITNBR = XXXXXXXXXXXX NOT
      IN ITEMAS
OURSO = XXXXXXXX ITNBR = XXXXXXXXXXXX ...
      DUPLICATE KEY FOUND ORDNO =
      XXXXXXXX
    
```

Conversion calculations

File: OPNSUM

Record code: MM

File	Field	Test	Action
DDI0200	OURSO		Truncates two right most positions to create ORDNO and appends an M on left.
DDI0200	ITNBR		Pads at right with blanks.
DDI0200	OURSO	If right most two positions not blank,	Prints a line showing OURSO and ORDNO
OPNSUM	MSTAT	If converting for DDI0200: If QTYRC ≠ 0, If QTYRC = 0,	Sets MSTAT = 40 Sets MSTAT = 10

FILE-OPNSUM RCDCD-MM PROGRAM-AMK76 ORDER-24 METHOD-MERGE SYSMOD-MMAS ONLY														
----MAPICS----			DATA	SELECTION			-----SOURCE-----					--OWNER--		
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS DESCRIPTION	APPL	PRGM	SEQ NO	
RCDCD	2	A	COMPUTE							*MM*		PCC	10610	
ACREC	1	A	JOBSUM DDIO200	W2						ACREC ACREC		PCC AMK78 PCC	10620 10630	
ORDNO	7	A	JOBSUM DDIO200		00	0				JOBNO OURSO	6 8	A A	ORDER NUMBER 10640 10650	
OSNOA	7	A	ITEMBL							MOSKA	7	A	NEXT ORDER NUMBER 10660	
RFMAT	7	0	P	DEFAULT						*9--9*		PCC	10670	
RFOPS	7	0	P	DEFAULT						*9--9*		PCC	10680	
RFMIS	7	0	P	DEFAULT						*9--9*		PCC	10690	
RCURO	7	0	P	DEFAULT						*9--9*		PCC	10700	
RLNK1	7	0	P	DEFAULT						*9--9*		PCC	10710	
RLNK2	7	0	P	DEFAULT						*9--9*		PCC	10720	
NOMAT	3	0	P	DEFAULT						*0*		PCC	10730	
NOMIS	3	0	P	DEFAULT						*0*		PCC	10740	
NDOPS	3	0	P	DEFAULT						*0*		PCC	10750	
ORQTY	7	0	P	JOBSUM DDIO200	W2					ORQTY QTYOO	7 7	0 0	P P	ORDER QUANTITY 10760 10770
QTDEV	7	0	P	DEFAULT						*0*		PCC	10780	
OSTAT	2	0	N	COMPUTE								PCC	10790	
ORLCD	1	0	N	DEFAULT						*3*		PCC	10800	
JOBNO	6	A	JOBSUM DEFAULT	W2						JOBNO * *	6	A	JOB NUMBER 10810 10820	
REFNO	10	A	JOBSUM DEFAULT	W2						REFNO * *	10	A	REFERENCE NUMBER 10830 10840	
SSTD	6	0	P	JOBSUM DDIO200	W2					JSTD SSTD	7 7	0 0	P P	SCHEDULED START DATE 10850 10860
NCOPS	3	0	P	JOBSUM DEFAULT	W2					NCDET *0*	3	0	P	NUMBER OF COMPLETE OPERATIONS 10870 10880
QCPRV	7	0	P	JOBSUM DDIO200	W2					QCPRV QTYOO	7 7	0 0	P P	QUANTITY COMPLETE PREVIOUS OPERATION 10890 10900
QCCUR	7	0	P	JOBSUM DEFAULT	00					QCCUR *0*	7	0	P	QUANTITY COMPLETE CURRENT OPERATION 10910 10920
QTYRC	7	0	P	JOBSUM DDIO200	W2					QTCOM QTYRC	7 7	0 0	P P	QUANTITY RECEIVED 10930 10940
LATDT	6	0	P	JOBSUM DEFAULT	W2					JCODT *0*	7	0	P	LAST ACTIVITY DATE 10950 10960
HRREM	7	2	P	DEFAULT						*0*		PCC	10970	
ASTDT	6	0	P	JOBSUM DEFAULT	W2					JSTD *0*	7	0	P	ACTUAL ORDER START DATE 10980 10990
OCODT	6	0	P	DEFAULT						*0*		PCC	11000	
ODUOT	6	0	P	JOBSUM DDIO200	W2					JODT DUEDT	7 7	0 0	P P	ORDER DUE DATE 11010 11020
OPCUR	4	A	JOBSUM DEFAULT	W2						OPCUR * *	4	A	CURRENT OPERATION NUMBER 11030 11040	
WCCUR	5	A	JOBSUM DEFAULT	W2						WCCUR * *	4	A	CURRENT OPERATION WORK CENTER 11050 11060	
FDESC	30	A	JOBSUM DEFAULT	W2						IDESC * *	20	A	FINISHED ITEM DESCRIPTION 11070 11080	
FITEM	15	A	JOBSUM DDIO200	W2						EITEM ITNBR	10 10	A A	FINISHED ITEM NUMBER 11090 11100	
FITWH	1	A	DDIO200	00	0					HOUSE	1	A	FINISHED ITEM WAREHOUSE 11110	
OVLAP	1	A	DEFAULT							* *		PCC	11120	
PLANN	5	0	P	ITEMAS						PLANN	5	N	PLANNER 11130	
ENGNO	15	A	ITEMAS							ENGNO		PCC	11140	
DPTNO	4	A	ITEMAS							DPTNO	4	A	DEPARTMENT 11150	

----MAPICS----			DATA	SELECTION	-----SOURCE-----			MAPICS	DESCRIPTION	--OWNER--	SEQ NO
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	APPL	PRGM
QTSCP	7	0 P	DEFAULT				*0*			PCC	11160
SHPKT	1	A	DEFAULT				* *			PCC	11170
FSKLC	5	A	ITEMBL				WHS LC	5	A	PCC	11180
QTSP L	7	0 P	DEFAULT				*0*			PCC	11190
RATIO	5	2 P	DEFAULT				*0*			PCC	11200
RECTP	9	2 P	DEFAULT				*0*			S34	11210
CSTPC	11	4 P	COMPUTE DEFAULT				*0*			PCC PCC	11220 11230
SETCO	9	2 P	DEFAULT				*0*			PCC	11240
LABCO	9	2 P	JOB SUM DEFAULT	W2			LABCO *0*			PCC PCC	AMK78 11250 11260
OVHCO	9	2 P	JOB SUM DEFAULT	W2			BURCO *0*	7	2 P	PCC PCC	AMK78 11270 11280
ISSCO	9	2 P	JOB SUM DEFAULT	W2			ISSCO *0*	7	2 P	PCC PCC	AMK78 11290 11300
MISCO	9	2 P	COMPUTE DEFAULT				*0*			PCC PCC	11310 11320
RECCO	9	2 P	JOB SUM DEFAULT	W2			RECCO *0*	7	2 P	PCC PCC	AMK78 11330 11340
SCPCO	9	2 P	DEFAULT				*0*			PCC	11350
TSQND	7	0 P	DEFAULT				*0*			PCC	11360
CHECK	1	A	DEFAULT				* *			PCC	11370
RRCDE	1	A	DEFAULT				* *			PCC	11380
ARCDE	1	A	DEFAULT				* *			PCC	11390
MPRDR	1	A	DEFAULT				* *			PCC	11400
PRVAL	7	0 P	DEFAULT				*0*			PCC	11410
OPSPL	4	A	DEFAULT				* *			PCC	11420
MAFLG	1	A	DEFAULT				* *			PCC	11430
MDATE	6	0 P	COMPUTE				U DATE			S34	11440

AMK78—Convert JOBSUM and ITEMAS to OPNSUM

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Open Job Summary	JOBSUM	I	NSHR	Index sequential
Manufacturing Open Order Summary	OPNSUM	U	NSHR	Random by key
Item Balance	ITEMBL	U	NSHR	Random by key
Item Master	ITEMAS	I	NSHR	Random by key

User switches

None

Reports

OPNSUM File Conversion Summary
 OPNSUM Conversion Exception List

Messages

The printed messages are:

```
JOBNO = XXXXXX      EITEM = XXXXXXXXXXXX
DUPLICATE KEY FOUND  ORDNO = XXXXXXXX
JOBNO = XXXXXX      EITEM = XXXXXXXXXXXX
ITNBR NOT IN ITEMAS FILE
JOBNO = XXXXXX      EITEM = XXXXXXXXXXXX
ITNBR NOT IN ITEMBL FILE
```

Conversion calculations

File: OPNSUM

Record code: MM

File	Field	Test	Action
JOBSUM	JOBNO		Appends an M prefix to JOBNO to create ORDNO
	EITEM		Pads at right with blanks to make new item number
	PCOST		(PCOST) divided by (ORQTY) = CSTPC
OPNSUM	MISCO		MISCO (from JOBSUM) + OUTCO = new MISCO

AMK80—Convert DMM0150 and ITEMAS to ITEMBL

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Item Master—Inv.	DMM0150X	I		Sequential by key
Item Balance	ITEMBL	U		Random by key
Item Master	ITEMAS	I		Random by key

User switches

None

Reports

ITEMBL File Conversion Summary

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
CANCL	Cancel	1	242	242	U

Description

This program converts ITEMBL from DMM0150. The source files for ITEMAS conversion are DMM0150, JOBSEL, JOBSUM, and JOBMAT. All new records are added to the end of ITEMBL without RRN's. After all files have added their records, executes ITEMBL reorganization procedure to establish link to ITEMAS and to reestablish the internal RRN pointers.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 of the common routines. Using DMM0150, creates a full usable record and updates existing records. Does calculations (see conversion calculations).

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: ITEMBL

Record code: MC

File	Field	Test	Action
DMM0150	ITNBX		Pad at right with blanks
ITEMBL	AVSAL		AVSAL = SAQYR divided by NOMOS
ITEMBL	AVMEB		AVMEB = TMEBL divided by NOMOS
ITEMBL	BEGIN		BEGIN = (QTYOH - RECMO) + (ISSMO - ADJMO)
ITEMBL	LTCOD	Searches ITEMAS for ITTYP	If ITTYP = 1, 2, or 9, sets LTCOD = M. Otherwise, sets LTCOD = P.

----MAPICS----		DATA	SELECTION	-----SOURCE-----			PROGRAM-AMK80		MAPICS	DESCRIPTION	---OWNER---	SEQ NO				
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLO/DFT	LEN	D	F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ NO
RCDCD	2	A		DEFAULT				*MC*					RECORD CODE	S34		5930
ACREC	1	A		DEFAULT				*A*					ACTIVITY CODE	S34		5940
ITNBR	15	A		DMM0150				ITNBX	10	A			ITEM NUMBER	S34		5950
				JOBSEL	WJ	H		EITEM	10	A				S34	AMK82	5960
				JOBSEL	WL	I	N-	ITNBR	10	A				S34	AMK82	5970
				JOBSEL	WL	M	N-	ITNBR	10	A				S34	AMK82	5980
				JOBSUM	WZ			EITEM	10	A				S34	AMK84	5990
				JOBMAT	W6	I		ITNBR	10	A				S34	AMK86	6000
HOUSE	1	A		DMM0150				HOUSE	1	A			WAREHOUSE NUMBER	IM		6010
				SYSCFL	CH	WHO	USE	CTLWH	1	A						6020
ITCLS	2	A		DMM0150				ITCLC	2	O	N		ITEM CLASS	IM		6030
				ITEMAS	A			ITCLC	2	A						6040
IBCWU	7	O	P	DEFAULT				*9--9*					RRN OF FIRST CUSTOMER ORDER	S34		6050
IBAWU	7	O	P	DEFAULT				*9--9*					RRN OF FIRST ALLOCATION RECORD WU			6060
MALQT	7	O	P	DEFAULT				*0*					ALLOCATED QUANTITY	S34		6070
QTSMD	7	O	P	DMM0150				SAGMD	7	O	P		CURRENT SUM OF DEMAND	IM		6080
				DEFAULT				*0*								6090
ISSMD	7	O	P	DMM0150				ISSMD	7	O	P		CURRENT SUM OF ISSUES	IM		6100
				DEFAULT				*0*								6110
RECMD	7	O	P	DMM0150				RECMD	7	O	P		CURRENT SUM OF RECEIPTS	IM		6120
				DEFAULT				*0*								6130
ADJMD	7	O	P	DMM0150				ADJMD	7	O	P		CURRENT SUM OF ADJUSTMENTS	IM		6140
				DEFAULT				*0*								6150
BEGIN	7	O	P	COMPUTE									BEGINNING INVENTORY	IM		6160
				DEFAULT				*0*								6170
LTCOD	1	A		DMM0150				SEE INST					LEAD TIME CODE	S34		6180
				JOBSEL	WJ			*M*						PCC	AMK82	6190
				JOBSEL	WL			*P*						S34	AMK82	6200
				JOBSUM	WZ			*P*						PCC	AMK84	6210
				JOBMAT	W6			*M*						S34	AMK86	6220
LTMAN	3	O	P	DMM0150				LSRTM	3	O	P		LEAD TIME MANUFACTURING	IM		6230
				DEFAULT				*0*								6240
LTADM	2	O	N	DEFAULT				*0*					LEAD TIME ADJUSTMENT MANUFACTURING	S34		6250
LTPUR	3	O	P	DMM0150				LSRTM	3	O	P		LEAD TIME PURCHASE	IM		6260
				DEFAULT				*0*								6270
LTADP	2	O	N	DEFAULT				*0*					LEAD TIME ADJUSTMENT PURCHASE	S34		6280
MOHTQ	7	O	P	DMM0150				QTYOH	7	O	P		ON HAND TOTAL QUANTITY	IM		6290
				DEFAULT				*0*								6300
FIL01	1	A		DEFAULT				* *					FILLER	S34		6310
AVCST	11	4	P	DMM0150				CSTPC	9	3	P		AVERAGE UNIT COST	IM		6320
				JOBSEL	WJ	H		ICOST	7	2	P			S34	AMK82	6330
				JOBSEL	WL	I	N-	BCOST	9	4	P			S34	AMK82	6340
				JOBSEL	WL	M	N-	BCOST	9	4	P			S34	AMK82	6350
				JOBSUM	WZ			PCOST	9	4	P			S34	AMK84	6360
				JOBMAT	W6	I		BCOST	9	4	P			S34	AMK86	6370
LCOST	11	4	P	DMM0150				CSTPC	9	3	P		LAST COST	IM		6380
				JOBSEL	WJ	H		ICOST	7	2	P			S34	AMK82	6390
				JOBSEL	WL	I	N-	BCOST	9	4	P			S34	AMK82	6400
				JOBSEL	WL	M	N-	BCOST	9	4	P			S34	AMK82	6410
				JOBSUM	WZ			PCOST	9	4	P			S34	AMK84	6420
				JOBMAT	W6	I		BCOST	9	4	P			S34	AMK86	6430
STDOC	11	4	P	DEFAULT				*0*						S34		6440
ORDPT	7	O	P	DMM0150				ORDPT	7	O	P		ORDER POINT	IM		6450
FXORQ	7	O	P	DMM0150				FXORQ	7	O	P		FIXED ORDER QUANTITY	IM		6460
				DEFAULT				*0*						S34		6470
SAFTY	7	O	P	DEFAULT				*0*					SAFETY STOCK	S34		6480
MPRPQ	7	O	P	DEFAULT				*0*					ON ORDER PRODUCTION QUANTITY	S34		6490
MPUPQ	7	O	P	DEFAULT				*0*					ON ORDER PURCHASE QUANTITY	S34		6500
USEYR	7	O	P	DMM0150				USEYR	7	O	P		USAGE QUANTITY	IM		6510
				DEFAULT				*0*						S34		6520
LACDT	6	O	P	DMM0150				DDFLU					DATE OF LAST ACTIVITY ISSUE	IM		6530
				DEFAULT				*0*						S34		6540
LDOOH	6	O	P	DEFAULT				*0*					LAST DATE AFFECTING QUANTITY ON HAND	S34		6550

MAPICS	DATA	SELECTION	SOURCE	OWNER	SEQ NO
FIELD	LEN D F	RCD M1 M2 FLO/DFT	LEN D F	APPL PRGM	
CCFLG	1 A		DEFAULT *0*	S34	6560
CCOMP	7 0 P		DEFAULT *0*	S34	6570
CCODE	1 0 N		DEFAULT *0*	S34	6580
CCTRN	7 0 P		DEFAULT *0*	S34	6590
LPHDT	6 0 P		DEFAULT *0*	S34	6600
NXCDT	6 0 P		DEFAULT *9--9*	S34	6610
VNDNR	6 A		DMM0150 VDNDR 5 A * * * * * DEFAULT	IM S34	6620 6630
PURUM	2 A		DEFAULT * *	S34	6640
UMCNV	7 2 P		DEFAULT *1*	S34	6650
MOSKA	7 A		DEFAULT *9--9*	S34	6660
WHSLC	5 A		DMM0150 WHSLC 5 A * * * * * DEFAULT	IM S34	6670 6680
AVCDV	1 A		DMM0150 AVCDV 1 0 N * * * * * DEFAULT	IM S34	6690 6700
ISSYR	7 0 P		DMM0150 ISSYR 7 0 P * * * * * DEFAULT	IM S34	6710 6720
USEMD	7 0 P		DMM0150 USEMD 7 0 P * * * * * DEFAULT	IM S34	6730 6740
QTSYR	7 0 P		DMM0150 SAQYR 7 0 P * * * * * DEFAULT	IM S34	6750 6760
AMSMO	9 2 P		DMM0150 SALMO 9 2 P * * * * * DEFAULT	IM S34	6770 6780
AMSYR	9 2 P		DMM0150 SALYR 9 2 P * * * * * DEFAULT	IM S34	6790 6800
CAMMO	9 2 P		DMM0150 SACMO 9 2 P * * * * * DEFAULT	IM S34	6810 6820
CAMYR	9 2 P		DMM0150 SACYR 9 2 P * * * * * DEFAULT	IM S34	6830 6840
CSTMO	9 2 P		DMM0150 CSTMO 9 2 P * * * * * DEFAULT	IM S34	6850 6860
CSTYR	9 2 P		DMM0150 CSTYR 9 2 P * * * * * DEFAULT	IM S34	6870 6880
EAANU	9 2 P		DMM0150 EAANU 7 0 P * * * * * DEFAULT	IM S34	6890 6900
AVMEB	9 2 P		COMPUTE *0* AVERAGE MONTH END BALANCE DEFAULT	IM S34	6910 6920
AVSAL	9 2 P		DMM0150 SEE INST *0* AVERAGE MONTHLY SALES DEFAULT	IM S34	6930 6940
DOFLS	6 0 P		DMM0150 DOFLS 7 0 P * * * * * DEFAULT	IM S34	6950 6960
DOFLU	6 0 P		DMM0150 DOFLU 7 0 P * * * * * DEFAULT	IM S34	6970 6980
RPFLG	1 0 N		DEFAULT *0*	S34	6990
CURPL	7 0 P		DEFAULT *0*	S34	7000
PLREQ	7 0 P		DEFAULT *0*	S34	7010
PAYOH	7 0 P		DEFAULT *0*	S34	7020
FLSTK	1 A		DEFAULT * *	S34	7030
MDATE	6 A		COMPUTE UDATE DATE THIS RECORD LAST MAINTAINED	S34	7040
LPMCW	1 A		DEFAULT * *	S34	7050
LPMAW	1 A		DEFAULT * *	S34	7060
RECPL	7 0 P		DEFAULT *0*	S34	7070

AMK82—Convert JOBSEL, ADDROU, and ITEMAS to ITEMBL

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
ADDROUT	ADDROU	I		Sequential
Job Select Master	JOBSEL	I		Random by RRN
Item Balance	ITEMBL	U		Random by key
Item Master	ITEMAS	I		Random by key

User switches

None

Reports

ITEMBL File Conversion Summary

LDA

Field name	Field description	Length	Location From	To	Input/Output
CANCL	Cancel	1	242	242	U

Description

This program converts ITEMBL from JOBSEL. JOBSEL creates skeleton records that can be upgraded by file maintenance. Records are added only if the record does not exist. JOBSEL does not update existing records. For further description of ITEMBL conversion, refer to program AMK80.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 of the common routines. Sorts records in JOBSEL as follows:

- RCDCD = WJ and COSTY = H. Sort on EITEM, RCDCD (ADDROUT sort).
- RCDCD = WL, ITNBR ≠ blank, COSTY = M, and (TCODE = I or M) sort on ITNBR, RCDCD, TCODE, (ADDROUT sort)

Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: ITEMBL

Record code: MC

File	Field	Test	Action
ITEMBL	ITNBR		Pads at right with blanks
ITEMBL	HOUSE	Chains to SYSCTL for WHOUSE record	HOUSE defaults to first value of WHA array
ITEMBL	LTCOD	Chains to ITEMAS to get ITTYP. If ITTYP = 1, 2, or 9 otherwise,	Sets LTCOD = M sets LTCOD = P

AMK84—Convert JOBSUM, ADDROU, and ITEMAS to ITEMBL

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
ADDROUT	ADDROU	I		Sequential
Open Job Summary	JOBSUMX	I		Random by RRN
Item Balance	ITEMBL	U		Random by key
Item Master	ITEMAS	I		Random by key

User switches

None

Reports

ITEMBL File Conversion Summary

LDA

Field name	Field description	Length	Location From	To	Input/Output
CANCL	Cancel	1	242	242	U

Description

This program converts ITEMBL from JOBSUM. JOBSUM creates skeleton records that can be upgraded by file maintenance. Records are added only if the record does not exist. JOBSUM does not update existing records. For further description of ITEMBL conversion, refer to program AMK80.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 of the common routines. Sorts records in JOBSUM as follows:

RCDCD = W2, sort on EITEM (ADDROUT Sort).

Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: ITEMBL

Record code: MC

File	Field	Test	Action
ITEMBL	ITNBR		Pads at right with blanks
ITEMBL	HOUSE	Chains to SYSCTL for WHOUSE record	HOUSE defaults to first value of WHA array
ITEMBL	LTCOD	Chains to ITEMAS to get ITTYP. If ITTYP = 1, 2, or 9 otherwise,	Sets LTCOD = M sets LTCOD = P

AMK86—Convert JOBMAT, ADDROU, and ITEMAS to ITEMBL

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
ADDROUT	ADDROU	I		Sequential
Open Job Material/ Miscellaneous	JOBMATX	I		Random by RRN
Item Balance	ITEMBL	U		Random by key
Item Master	ITEMAS	I		Random by key

User switches

None

Reports

ITEMBL File Conversion Summary

LDA

Field name	Field description	Length	Location		Input/ Output
			From	To	
CANCL	Cancel	1	242	242	U

Description

This program converts ITEMBL from JOBMAT. JOBMAT creates skeleton records that can be upgraded by file maintenance. Records are added only if the record does not exist. JOBMAT does not update existing records. For further description of ITEMBL conversion, refer to program AMK80.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 of the common routines. Processes records only with RCDCD = WG, TCODE = I or M, and ITNBR ≠ blank. Sorts records by ITNBR and TCODE (ADDROUT Sort). Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: ITEMBL

Record code: MC

File	Field	Test	Action
ITEMBL	ITNBR		Pads at right with blanks
ITEMBL	HOUSE	Chains to SYSCTL for WHOUSE record	HOUSE defaults to first value of WHA array
ITEMBL	LTCOD	Chains to ITEMAS to get ITTYP. If ITTYP = 1, 2, or 9 otherwise,	Sets LTCOD = M sets LTCOD = P

AMK89—Convert DMM0050 to ITEMAS

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Item Master— Inv.	DMM0050X	I		Sequential key
Item Master	ITEMAS	U		Random by key

User switches

None

Reports

ITEMAS File Conversion Summary

LDA

Field name	Field description	Length	Location		Input/ Output
			From	To	
IMCBYT	Inventory Management control byte	1	4	4	I
BICBYT	Billing control byte	1	5	5	I
PCCBYT	Production Control and Costing control byte	1	10	10	I
MMASIM	MMAS control byte	1	92	92	I
CANCEL	Cancel	1	242	242	U

Description

This program converts ITEMAS from DMM0050. Conversion of the Item Master file adds each uniquely identified items into the MAPICS ITEMAS from MMAS. Records created from the MMAS files DMM0050 and P\$MSTRK are complete records. Items created from JOBSEL, JOBSUM, and JOBMAT are skeleton records that may need information added through Item Master file maintenance before they can support all MAPICS functions.

Input files are sorted in item number sequence in order to enhance performance since records are being added to an indexed file.

ITEMAS contains 3 types of records:

IM (a control record specifying the next RRN available), A record, or B record.

The control record is created by the install procedure and is updated by all records added to ITEMAS.

The B record is an optional record present only if certain MAPICS functions are selected. If a B record is required, the BMREC field in IMREC record the SYSCTL file will contain a 2.

The conversion programs create A records and B records as appropriate. If B records are required, a B record is generated for every A record added to the file. This is necessary to support the internal implied chaining of the B record which is RRN + 1 from the A record.

Some fields belong to Inventory Management, some to Product Data Management, and some to Order Entry and Invoicing. When a record is added to ITEMAS, all fields are converted. During a phased conversion when a record already exists in ITEMAS, the following fields are updated:

- IM being converted — ITDSC
UCDEF
UNMSR
ITTYT
ITCLS
WHS LC
MDATE
PRICE
- OE&I being converted — ITDSC
PRICE
UCDEF
UNMSR
ITTYT
WEGHT
DMCOD
UPDM1
UPDM2
UPDM3
UPDM4
UPDM5
UPDM6
TAXC1
TAXC2
TAXC3
MDATE
- PDM being converted — ITDSC
UNMSR
ITTYT
UCDEF
MDATE

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 of the common routines. Adds records if the item number does not already exist. Identifies the priority of fields on the file sheets. If the record already exists in ITEMAS, updates the fields based on the application(s) being converted. If Order Entry and Invoicing was installed by itself in MMAS, the field UCOST is filled from the field UNCST in DMM0050. If Inventory Management (MAPICS) is installed, UCOST is filled from the field STDPC in DMM0050. Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines. Updates ITEMAS control record.

Display action summary

None

Edit matrix

None

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
 0103 MESSAGE NOT FOUND
 6501 FILE CAPACITY EXCEEDED – INCOMPLETE
 ADD
 6503 CONTROL RECORD MISSING IN ITEMAS FILE

Conversion calculations

File: ITEMAS

Record code: A & B

File	Field	Test	Action
DMM0050	ACREC	ACREC = D	No processing
DMM0050	ITNBR		Pads at right with 5 blanks, to create ITNBR in ITEMAS
ITEMAS	IIREC		At initialization, sets IIREC = IINXT from IM record. For each new record written, moves IIREC to output. Adds 1 to IIREC so it's ready for next record. At EOJ, writes IIREC back in IINXT, control record
ITEMAS	CTECH		Sets to CTECH blank if CTECH is not T
ITEMAS	IINXT		Updated at end of additions per processing of IIREC
DMM0050	TAXC1	> 9	Sets tax codes to 0 and adds to file
DMM0050	TAXC2	> 9	Sets tax codes to 0 and adds to file
DMM0050	TAXC3	> 9	Sets tax codes to 0 and adds to file

----MAPICS----		DATA		SELECTION		-----SOURCE-----		--OWNER--		SEQ NO					
FIELD	LEN	D	F	RCD	M1	M2	FLD/OFT	LEN	D	F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ NO
IMKEY	16	A	DEFAULT				' '						S34		4090
RECID	1	A	DEFAULT				'@'					RECORD ID.	S34		4100
CTLID	3	A	DEFAULT				'*IM'						S34		4110
IIREC	7	0	P	COMPUTE								RRN OF THIS RECORD	S34		4120
IINXT	7	0	P	COMPUTE								RRN NEXT AVAILABLE RECORD	S34		4130

FILE-ITEMAS RCOCD-A PROGRAM-AMK89																
ORDER-20 METHOD-MERGE SYSMOD-MMAS ONLY																
----MAPICS----	DATA			SELECTION		-----SOURCE-----			--OWNER--							
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ NO
ACREC	1	A		DEFAULT								'A'	ACTIVITY CODE FOR ITEM	S34		4140
ITNBR	15	A		DM0050					ITNBR	10	A		ITEM NUMBER	S34		4150
				P%MSTRK					I\$PN	10	A			S34	AMK90	4160
				JOBSEL	WJ				EITEM	10	A			S34	AMK92	4170
				JOBSEL	WL I	N-			ITNBR	10	A			S34	AMK92	4180
				JOBSEL	WL M	N-			ITNBR	10	A			S34	AMK92	4190
				JOBSUM	W2				EITEM	10	A			S34	AMK94	4200
				JOBMAT	W6				ITNBR	10	A			S34	AMK96	4210
RECID	1	A		DEFAULT					'A'				RECORD IDENTIFIER	S34		4220
IIREC	7	0	P	COMPUTE									RRN OF THIS RECORD	S34		4230
LOLEV	2	0	N	DEFAULT					'0'				LOW LEVEL CODE	S34		4240
IIFAC	7	0	P	DEFAULT					'9--9'				RRN FIRST ASSEMBLY COMPANY	S34		4250
NOSLC	3	0	P	DEFAULT					'0'				NO. OF RECORDS ON SINGLE LEV COMPONENT C	S34		4260
IIFWU	7	0	P	DEFAULT					'9--9'				RRN FIRST ASSEMBLY WHERE USED	S34		4270
NOPWU	5	0	P	DEFAULT					'0'				NO. OF RECORDS ON P/S WHERE USED CHAIN	S34		4280
IINMR	7	0	P	DEFAULT					'9--9'				RRN NEXT ITEM MASTER IN ACTIVITY CHAIN	S34		4290
ICPMR	1	A		DEFAULT					' '				COMPARE PORTION OF NEXT ITEM IN ACTIVITY	S34		4300
QTYWK	7	3	P	DEFAULT					'0'				QUANTITY WORK FIELD	S34		4310
IIFRO	7	0	P	DEFAULT					'9--9'				RRN FIRST ROUTING OPERATION CHAIN	S34		4320
NOROP	3	0	P	DEFAULT					'0'				NO. OF RECORDS ON ROUTING OPERATION CHAI	S34		4330
RACNO	3	0	N	DEFAULT					'0'				RUN ACTIVITY CONTROL NUMBER	S34		4340
FOTAB	1	0	N	DEFAULT					'1'				FEATURE/OPTIONS TEMPLATE SUFFIX	S34		4350
RPFLG	1	0	N	DEFAULT					'0'				MRP NOTIFICATION FLAG	S34		4360
MLICD	1	A		DEFAULT					' '				MASTER LEVEL ITEM CODE	S34		4370
MLPCD	1	A		DEFAULT					' '				MASTER LEVEL PRINT CODE	S34		4380
PINTV	1	0	N	DEFAULT					'0'				PERIOD INTERVAL CODE	S34		4390
IIFPD	7	0	P	DEFAULT					'9--9'				RRN FIRST PLANNED ORDER	S34		4400
IIFRR	7	0	P	DEFAULT					'9--9'				RRN FIRST REQUIREMENTS RECORD	S34		4410
CMPEQ	1	0	N	DEFAULT					'0'				COMBINE REQUIREMENTS	S34		4420
SHRFC	3	3	P	DEFAULT					'0'				SHRINKAGE FACTOR	S34		4430
PBKCF	11	4	P	DEFAULT					'1'				PRICE BREAK CONVERSION FACTOR	S34		4440
ITDSC	30	A		DM0050	MB				ITDSC	30	A		ITEM DESCRIPTION	S34		4450
				P%MSTRK					MPDSC	30	A			S34	AMK90	4460
				JOBSEL	WJ				IDESC	20	A			S34	AMK92	4470
				JOBSEL	WL I	N-			MDESC	20	A			S34	AMK92	4480
				JOBSEL	WL M	N-			MDESC	20	A			S34	AMK92	4490
				JOBSUM	W2				IDESC	20	A			S34	AMK94	4500
				JOBMAT	W6				MDESC	20	A			S34	AMK96	4510
ENGNU	15	A		P%MSTRK					MEDNO	8	A		ENGINEERING DRAWING NUMBER	PDM	AMK90	4520
				DEFAULT					' '					S34		4530
PRICE	9	3	P	DM0050	MB				LSTPC	9	3	P	BASE PRICE	OEI		4540
				DEFAULT					'0'					S34		4550
UCDEF	11	4	P	DM0050	MB				STOPC				UNIT COST	IM		4560
				DM0050	MB				UNCST					OEI		4570
				P%MSTRK					MUCST	7	3	P		S34	AMK90	4580
				JOBSEL	WJ				ICOST	7	2	P		S34	AMK92	4590
				JOBSEL	WL I	N-			BCOST	9	4	P		S34	AMK92	4600
				JOBSEL	WL M	N-			BCOST	9	4	P		S34	AMK92	4610
				JOBSUM	W2				PCOST	7	2	P		S34	AMK94	4620
				JOBMAT	W6				BCOST	9	4	P		S34	AMK96	4630
UNMSR	2	A		DM0050	MB				UNMSR	2	A		UNIT OF MEASURE	OEI		4640
				P%MSTRK					MUTMS	2	A			S34	AMK90	4650
				DEFAULT					'FA'					S34		4660
ITTP	1	A		DM0050	MB				ITTP	1	N		ITEM TYPE CODE	S34		4670
				P%MSTRK					MTYPN	1	A			PDM	AMK90	4680
				JOBSEL	WJ				'1'					PCC	AMK92	4690
				JOBSEL	WL I	N-			'3'					S34	AMK92	4700
				JOBSEL	WL M	N-			'3'					S34	AMK92	4710
				JOBSUM	W2				'1'					PCC	AMK94	4720
				JOBMAT	W6				'3'					S34	AMK96	4730
ITCLS	2	A		DM0050					ITCLC	2	0	N	ITEM CLASS	IM		4740
				DEFAULT					' '					S34		4750
VALUC	1	A		DEFAULT					' '				VALUE CLASS	S34		4760

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-----MAPICS-----										DATA		SELECTION			-----SOURCE-----										--OWNER--	
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ	NO									
VNDNR	6	A		P5MSTRK DEFAULT				MVEND * *	5	A			PRIMARY VENDOR	PDM	AMK90	4770										
														S34		4780										
WHSLC	5	A		DMMO050 DEFAULT				WHSLC * *	5	A			WAREHOUSE STOCK LOCATION	IM		4790										
														S34		4800										
PLANN	5	0	P	DEFAULT				*0*					PLANNER	S34		4810										
DPTNO	4	A		DEFAULT				* *					DEPARTMENT NUMBER	S34		4820										
WEGHT	7	3	P	DMMO050 DEFAULT	MB			WEGHT *0*	5	1	P		ITEM UNIT WEIGHT	OEI		4830										
														S34		4840										
STDSU	7	3	P	DEFAULT				*0*					STANDARD SETUP COST PER LOT	S34		4850										
CARRY	3	3	P	DEFAULT				* *					CARRING RATE	S34		4860										
ORDPC	1	A		DEFAULT				*A*					ORDER POLICY CODE	S34		4870										
SNFLG	1	A		DEFAULT				* *					S-NUMBER FLAG	S34		4880										
DMCDD	1	A		DMMO050 DEFAULT	MB			DCODE * *	1	A			UNIT PRICE DISCOUNT/MARKUP CODE	OEI		4890										
														S34		4900										
UPDM1	5	3	P	DMMO050 DEFAULT	MB			UPDP1 *0*	5	3	P		UNIT PRICE DISCOUNT/MARKUP PERCENT 1	JEI		4910										
														S34		4920										
UPDM2	5	3	P	DEFAULT DEFAULT				UPDP2 *0*					UNIT PRICE DISCOUNT/MARKUP PERCENT 2	OEI		4930										
														S34		4940										
UPDM3	5	3	P	DMMO050 DEFAULT	MB			UPDP3 *0*	5	3	P		UNIT PRICE DISCOUNT/MARKUP PERCENT 3	OEI		4950										
														S34		4960										
UPDM4	5	3	P	DMMO050 DEFAULT	MB			UPDP4 *0*	5	3	P		UNIT PRICE DISCOUNT/MARKUP PERCENT 4	OEI		4970										
														S34		4980										
UPDM5	5	3	P	DMMO050 DEFAULT	MB			UPDP5 *0*	5	3	P		UNIT PRICE DISCOUNT/MARKUP PERCENT 5	OEI		4990										
														S34		5000										
UPDM6	5	3	P	DMMO050 DEFAULT	MB			UPDP6 *0*	5	3	P		UNIT PRICE DISCOUNT/MARKUP PERCENT 6	OEI		5010										
														S34		5020										
TAXC1	1	0	N	DMMO050 DEFAULT	MB			TAXC1 * *	1	A			ITEM TAX CODE 1	OEI		5030										
														S34		5040										
TAXC2	1	0	N	DMMO050 DEFAULT	MB			TAXC2 * *	1	A			ITEM TAX CODE 2	OEI		5050										
														S34		5060										
TAXC3	1	0	N	DMMO050 DEFAULT	MB			TAXC3 * *	1	A			ITEM TAX CODE 3	OEI		5070										
														S34		5080										
TAXC4	1	0	N	DEFAULT				* *					ITEM TAX CODE 4	S34		5090										
SAFLG	1	0	N	DEFAULT				*0*					SALES ANALYSIS FLAG	S34		5100										
PACKC	2	0	A	DEFAULT				* *					PACKING CODE	S34		5110										
IICOA	7	0	P	DEFAULT				*9--9*					RRN FIRST CUSTOMER ORDER ALLOCATION WU	S34		5120										
MDATE	6	0	P	COMPUTE				UPDATE					DATE THIS ITEM LAST MAINTAINED	S34		5130										
NODAS	3	0	P	DEFAULT				*0*					NUMBER OF DAYS SUPPLY TO BE ORDERED	S34		5140										
AZREC	1	0	N	DEFAULT				*0*					A2 DISKETTE RECORD READ	S34		5150										
BIREC	1	0	N	DEFAULT				*0*					B1 DISKETTE RECORD READ	S34		5160										

FILE-ITEMAS	RCDCD-B	PROGRAM-AMK89
ORDER-20	METHOD-MERGE	SYSMOD-MMAS ONLY

-----MAPICS-----										DATA		SELECTION			-----SOURCE-----										--OWNER--	
FIELD	LEN	D	F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D	F	MAPICS	DESCRIPTION	APPL	PRGM	SEQ	NO									
ACREC	1	A		DEFAULT				*A*					ACTIVE RECORD CODE	S34		5170										
ITNBR	15	A		P5MSTRK DMMO050 JOBSEL JOBSEL JOBSEL JOBSEL JOBMAT				ISP ITNBR EITEM ITNBR ITNBR EITEM ITNBR	10	A			ITEM NUMBER	S34	AMK90	5180										
					MB									S34		5190										
					WJ									S34	AMK92	5200										
					WL I	N-								S34	AMK92	5210										
					WL M	N-								S34	AMK92	5220										
					W2									S34	AMK94	5230										
					W6									S34	AMK96	5240										
RECID	1	A		DEFAULT				*B*					RECORD IDENTIFIER	S34		5250										
IIREC	7	0	P	COMPUTE									RRN OF THIS RECORD	S34		5260										
LOTSZ	7	0	P	DEFAULT				*0*					STANDARD LOT SIZE	S34		5270										
RCFLG	1	A		P5MSTRK DEFAULT				MCBCD * *	1	A			RECAST FLAG	PDM	AMK90	5280										
														S34		5290										

----MAPICS----	DATA		SELECTION		-----SOURCE-----			--OWNER--		SEQ NO		
FIELD	LEN	D F	SOURCE	RCD	M1	M2	FLD/DFT	LEN	D F	MAPICS DESCRIPTION	APPL PRGM	SEQ NO
STDUC	11	4 P	P%MSTRK DMO05G JOBSEL JOBSEL JOBSEL JOBSUM JOBMAT				MUCST STDPC ICOST BCOST BCOST PCOST BCOST	7 3 P 7 3 P 7 2 P 9 4 P 9 4 P 7 2 P 9 4 P		STANDARD UNIT COST	PDM S34 PDM PDM PDM PDM PDM	AMK90 5300 5310 5320 5330 5340 5350 5360
FILO3	3	A	DEFAULT				*	*		FILLER	S34	AMK90 5370
SPCTL	11	4 P	P%MSTRK DEFAULT				MUCSM *0*	7 3 P		STANDARD PURCHASE CONTENT THIS LEVEL	PDM S34	AMK90 5380 5390
DATSP	6	0 P	P%MSTRK DEFAULT				MPMDT *0*	3 0 P		DATE STD PURCHASE TL LAST MAINTAINED	PDM S34	AMK90 5400 5410
SLCTL	11	4 P	P%MSTRK DEFAULT				MUCSL *0*	7 3 P		STANDARD LABOR CONTENT THIS LEVEL	PDM S34	AMK90 5420 5430
DATSL	6	0 P	P%MSTRK DEFAULT				MPMDT *0*	3 0 P		DATE STD LABOR TL LAST MAINTAINED	PDM S34	AMK90 5440 5450
SOCTL	11	4 P	P%MSTRK DEFAULT				MUCSB *0*	7 3 P		STANDARD OVERHEAD CONTENT THIS LEVEL	PDM S34	AMK90 5460 5470
SPCLL	13	6 P	P%MSTRK DEFAULT				MSMCU *0*	7 3 P		STANDARD PURCHASE CONTENT LOWER LEVEL	PDM S34	AMK90 5480 5490
SLCLL	13	6 P	P%MSTRK DEFAULT				MSLCU *0*	7 3 P		STANDARD LABOR CONTENT LOWER LEVEL	PDM S34	AMK90 5500 5510
SOCCL	13	6 P	P%MSTRK DEFAULT				MSBCU *0*	7 3 P		STANDARD OVERHEAD CONTENT	PDM S34	AMK90 5520 5530
CURUC	11	4 P	P%MSTRK DEFAULT				MUCCT *0*	7 3 P		CURRENT UNIT COST	PDM S34	AMK90 5540 5550
CURSU	7	3 P	DEFAULT				*0*			CURRENT SETUP COST PER LDT	S34	5560
FILO4	4	A	DEFAULT				*	*		FILLER	S34	AMK90 5570
CPCTL	11	4 P	P%MSTRK DEFAULT				MUCCM *0*	7 3 P		CURRENT PURCHASE CONTENT THIS LEVEL	PDM S34	AMK90 5580 5590
DATCP	6	0 P	P%MSTRK DEFAULT				MPMDT *0*	3 0 P		DATE CURRENT PURCHASE TL LAST MAINTAINED	PDM S34	AMK90 5600 5610
CLCTL	11	4 P	P%MSTRK DEFAULT				MUCCL *0*	7 3 P		CURRENT LABOR CONTENT THIS LEVEL	PDM S34	AMK90 5620 5630
DATCL	6	0 P	P%MSTRK DEFAULT				MPMDT *0*	3 0 P		DATE CURRENT LABOR TL LAST MAINTAINED	PDM S34	AMK90 5640 5650
COCTL	11	4 P	P%MSTRK DEFAULT				MUCCB *0*	7 3 P		CURRENT OVERHEAD CONTENT THIS LEVEL	PDM S34	AMK90 5660 5670
CPCLL	13	6 P	P%MSTRK DEFAULT				MCMCU *0*	7 3 P		CURRENT PURCHASE CONTENT LOWER LEVEL	PDM S34	AMK90 5680 5690
CLCLL	13	6 P	P%MSTRK DEFAULT				MCLCU *0*	7 3 P		CURRENT LABOR CONTENT LOWER LEVELS	PDM S34	AMK90 5700 5710
COCLL	13	6 P	P%MSTRK DEFAULT				MCBCU *0*	7 3 P		CURRENT OVERHEAD CONTENT LOWER LEVELS	PDM S34	AMK90 5720 5730
CFOPC	5	4 P	DEFAULT				*0*			CUMULATIVE COST ROLLUP FACTOR	S34	5740
CTECH	1	A	COMPUTE							COSTING TECHNIQUE CODE	S34	5750
SLTAB	1	A	P%MSTRK DEFAULT				MLRCD * *	1	A	STANDARD LABOR RATE TABLE CODE	PDM S34	AMK90 5760 5770
CLTAB	1	A	P%MSTRK DEFAULT				MLRCD * *	1	A	CURRENT LABOR RATE TABLE CODE	PDM S34	AMK90 5780 5790
SOTAB	1	A	P%MSTRK DEFAULT				MBURD * *	1	A	STANDARD OVERHEAD TABLE CODE	PDM S34	AMK90 5800 5810
COTAB	1	A	P%MSTRK DEFAULT				MBURD * *	1	A	CURRENT OVERHEAD TABLE CODE	PDM S34	AMK90 5820 5830
LABHR	9	4 P	P%MSTRK				MCLHR			LABOR HOURS	S34	AMK90 5840
MINQY	7	0 P	DEFAULT				*0*			MINIMUM QUANTITY	S34	5850
MULQY	7	0 P	DEFAULT				*0*			MULTIPLE QUANTITY	S34	5860
MAXQY	7	0 P	DEFAULT				*0*			MAXIMUM QUANTITY	S34	5870
MAXLN	1	A	DEFAULT				*	*		MAXIMUM NUMBER OF LINES/ITEM	S34	5880
MLFOR	1	A	DEFAULT				*	*		MASTER LEVEL FOR FORECAST	S34	5890
FORPD	2	0 N	DEFAULT				*0*			NUMBER OF FORECAST PERIODS	S34	5900
PDAYS	2	0 N	DEFAULT				*0*			DAYS PER FORECAST PERIOD	S34	5910
FRQTY	7	0 P	DEFAULT				*0*			FORECAST QUANTITY	S34	5920

AMK90—Convert P\$MSTRK to ITEMAS

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
Product Master	P\$MSTRKX	I		Sequential by key
Item Master	ITEMAS	U		Random by key
Constants	DXM0010	I		Random by key

User switches

None

Reports

ITEMAS File Conversion Summary

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
IMCBYT	Inventory Management control byte	1	4	4	I
BICBYT	Order Entry and Invoicing control byte	1	5	5	I
PCCBYT	Production Control and Costing control byte	1	10	10	I
CANCL	Cancel	1	242	242	U

Description

This program converts ITEMAS from P\$MSTRK. When a record is added to ITEMAS, all fields are converted. When a record already exists in ITEMAS, the following fields are updated:

- A-record — ENGNO
VNDNR
MDATE
- B-record — RCFLG DATCP
SPCTL CLCTL
DATSP DATCL
SLCTL COCTL
DATSL CPCLL
SOCTL CLCLL
SPCLL COCLL
SLCLL SLTAB
SOCLL CLTAB
CURUC SOTAB
CPCTL COTAB

For further description of ITEMAS conversion processing, refer to program AMK89.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 of the common routines.

Refer to program AMK89 File Cross-reference list.

Does conversion calculations.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: ITEMAS

Record code: A & B

File	Field	Test	Action
P\$MSTRK	ACREC	ACREC = D	No processing
P\$MSTRK	ITNBR		Pads at right with 5 blanks, to create ITNBR in ITEMAS
ITEMAS	IIREC		At initialization, sets IIREC = IINXT from IM record. For each new record written, moves IIREC to output. Adds 1 to IIREC so it's ready for next record. At EOJ, writes IIREC back in IINXT in control record.
ITEMAS	CTECH	If MCLHR ≠ 0, MBURD is non-blank and valid, MLRCD is non-blank and valid.	CTECH = T; otherwise CTECH = blank
ITEMAS	IINXT		Updates IINXT at end of additions per processing of IIREC
P\$MSTRK	MSDAT, MPMDT, MCDAT		If MSDAT, MPMDT, or MCDAT exist as MMY, changes to 7 YMM01 before filling date fields

AMK92—Convert JOBSEL and ADDROU to ITEMAS

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
ADDROUT	ADDROU	I		Sequential
Job Select Master	JOBSELX	I		Random by RRN
Item Master	ITEMAS	U		Random by key

User switches

None

Reports

ITEMAS File Conversion Summary

LDA

Field name	Field description	Length	Location From	To	Input/Output
IMCBYT	Inventory Management control byte	1	4	4	I
BICBYT	Order Entry and Invoicing control byte	1	5	5	I
PCCBYT	Production Control and Costing control byte	1	10	10	I
CANCL	Cancel	1	242	242	U

Description

This program converts ITEMAS from JOBSEL. If the item already exists in the ITEMAS file, the JOBSEL record is not converted. If the item does not exist in the ITEMAS file, a skeleton record is added. Before it can support all MAPICS functions, the skeleton record requires additional information that must be added through Item Master file maintenance. For further description of ITEMAS conversion processing, refer to program AMK89.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 of the common routines. Processes JOBSEL record codes WJ and WL:

Only those WJ records with COSTY equal H and only those WL records with a TCODE of I or M. ITNBR must not be blank. Does conversion calculations. Refer to program AMK89 File Cross-reference list.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: ITEMAS

Record code: A & B

File	Field	Test	Action
JOBSEL	ACREC	ACREC = D	No processing
JOBSEL	ITNBR		Pads at right with 5 blanks, to create ITNBR in ITEMAS
ITEMAS	IIREC		At initialization, sets IIREC = IINXT from IM record. For each new record written, moves IIREC to output. Adds 1 to IIREC so it's ready for next record. At EOJ, writes back in IINXT control record
ITEMAS	CTECH		Sets to blank if CTECH is not T
ITEMAS	IINXT		Updates IINXT at end of additions per processing of IIREC
JOBSEL	IDESC		Pads at right with 10 blanks, to create ITDSC in ITEMAS

AMK94—Convert JOBSUM and ADDROU to ITEMAS

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
ADDROUT	ADDROU	I		Sequential
Open Job Summary	JOBSUMX	I		Random by RRN
Item Master	ITEMAS	U		Random by key

User switches

None

Reports

ITEMAS File Conversion Summary

LDA

Field name	Field description	Length	Location From	To	Input/Output
IMCBBY	Inventory Management control byte	1	4	4	I
BICBBY	Order Entry and Invoicing control byte	1	5	5	I
PCCBBY	Production Control and Costing control byte	1	10	10	I
CANCL	Cancel	1	242	242	U

Description

This program converts ITEMAS from JOBSUM. If the item already exists in the ITEMAS file, the JOBSUM record is not converted. If the item does not exist in the ITEMAS file, a skeleton record is added. Before it can support all MAPICS functions, the skeleton record requires additional information that must be added through Item Master file maintenance. For further description of ITEMAS conversion processing, refer to program AMK89.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 of the common routines. Processes only the W2 records in JOBSUM. Does conversion calculations. Refer to program AMK89 File Conversion list.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: ITEMAS

Record code: A & B

File	Field	Test	Action
JOBSUM	ACREC	ACREC = D	No processing
JOBSUM	ITNBR		Pads at right with 5 blanks to create ITNBR in ITEMAS
ITEMAS	IIREC		At initialization, sets IIREC = IINXT from IM record. For each new record written, moves IIREC to output. Adds 1 to IIREC so it's ready for next record. At EOJ, writes IIREC back in IINXT control record
ITEMAS	CTECH		Sets CTECH to blank if CTECH is not T
ITEMAS	IINXT		Updates IINXT at end of additions per processing of IIREC
JOBSUM	MDESC		Pads at right with 10 blanks, to create ITDSC in ITEMAS

AMK96—Convert JOBMAT and ADDROU to ITEMAS

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	NSHR	Random by key
ADDROUT	ADDROU	I		Sequential
Open Job Material/Miscellaneous	JOBMATX	I		Random by RRN
Item Master	ITEMAS	U		Random by key

User switches

None

Reports

ITEMAS File Conversion Summary

LDA

Field name	Field description	Length	Location From	To	Input/Output
IMCXYT	Inventory Management control byte	1	4	4	I
BICXYT	Order Entry and Invoicing control byte	1	5	5	I
PCCXYT	Production Control and Costing control byte	1	10	10	I
CANCL	Cancel	1	242	242	U

Description

This program converts ITEMAS from JOBMAT. If the item already exists in the ITEMAS file, the JOBMAT record is not converted. If the item does not exist in the ITEMAS file, a skeleton record is added. Before it can support all MAPICS functions, the skeleton record requires additional information that must be added through Item Master file maintenance. For further description of ITEMAS conversion processing, refer to program AMK89.

Initialization

Executes ROUT1 of the common routines.

Detailed processing

Executes ROUT2 of the common routines. Processes only the WG records in JOBMAT. Sorts JOBMAT on ITNBR, TCODE. TCODE must equal I or M and ITNBR must not equal to blanks to be processed. Does conversion calculations. Refer to program AMK89 File Cross-reference list.

End-of-job processing

Executes ROUT4 of the common routines.

Display action summary

None

Edit matrix

None

Messages

None

Conversion calculations

File: ITEMAS

Record code: A & B

File	Field	Test	Action
JOBMAT	ACREC	ACREC = D	No processing
JOBMAT	ITNBR		Pads at right with 5 blanks to create ITNBR in ITEMAS
ITEMAS	IIREC		At initialization, sets IIREC = IINXT from IM record. For each new record written, moves IIREC to output. Adds 1 to IIREC so it's ready for next record. At EOJ, writes IIREC back in IINXT control record
ITEMAS	CTECH		Sets to blank if CTECH is not T
ITEMAS	IINXT		Updates IINXT at end of additions per processing of IIREC
JOBMAT	MDESC		Pads at right with 10 blanks to create ITDSC in ITEMAS

AMKSK3—Sort PSEDIT for PSTRUC

Purpose — Provide input for AMEZ2

Type — Tagalong Sequence — Ascending

Files	Full file name	System file name
Input	Product Structure Unload/Load	PSEDIT
Output	Product Structure Unload/Load	PSEDIT

Record type — RCDCD = 06

Sort fields

Parent item number (PINBR)

Component item number (CINBR)

AMKSK5—Sort OPMTWK for OPNMAT

Purpose – Provide input for AMV8I

Type – Tagalong Sequence – Ascending

Files	Full file name	System file name
Input	Open order material detail	OPMTWK
Output	Open order material detail	OPMTWK

Sort fields

Order number (ORDNO)

Component item number (CITEM)

Warehouse (CITWH)

Required date (REQDT)

AMKS70—Sort RTEDIT for ROUTNG

Purpose — Provide input for AMEZ4

Type — Tagalong Sequence — Ascending

Files	Full file name	System file name
Input	ROUTNG Unload/Load	RTEDIT
Output	ROUTNG Unload/Load	RTEDIT

Record type — RCDCD = 10

Sort fields

Parent item number (PINBR)

Operation Sequence number (OPSEQ)

AMKS74—Sort JOBDET for DETAIL

Purpose — Provide input to AMK74

Type — Tagalong Sequence — Ascending

Files	Full file name	System file name
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Input	Job detail	JOBDET
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Output	Sorted job detail	JOBDET
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Record type — RCDCD = W4 and JOBNO ≠ blank

Sort fields

Job number (JOBNO)

Operation sequence number (OPRNO)

AMKS76—Sort DDI0200 for OPNSUM

Purpose — Provide input to AMK76

Type — Tagalong Sequence — Ascending

Files	Full file name	System file name
Input	On order	DDI0200X
Output	Sorted on order	DDI0200X

Record type — RCDCD = 00

Sort fields

Shop order (ORSO)

AMKS82—Sort JOBSEL for ITEMBL

Purpose — Provide input to AMK82

Type — ADDROUT Sequence — Ascending

Files	Full file name	System file name
Input	Job select master	JOBSELX
Output	Sorted job select master	JOBSELX
	ADDROUT	ADDROU

Record type — RCD CD = WJ and COSTY = H
 RCD CD = WL and COSTY = I or M and
 ITNBR ≠ blank

Sort fields

For WJ record type:

- Item number (EITEM)
- Record code (RCD CD)

For WL record type:

- Item number (ITNBR)
- Record code (RCD CD)
- Transaction code (TCODE)

AMKS84—Sort JOBSUM for ITEMBL

Purpose — Provide input to AMK84

Type — ADDROUT Sequence — Ascending

Files	Full file name	System file name
Input	Job summary	JOBSUMX
Output	Sorted job summary	JOBSUMX
	ADDROUT	ADDROU

Record type — RCDCD = W2

Sort fields

Item number (EITEM)

AMKS92—Sort JOBSEL for ITEMAS

Purpose — Provide input to AMK92

Type — ADDROUT Sequence — Ascending

Files	Full file name	System file name
Input	Job select master	JOBSELX
Output	ADDROUT	ADDROU
	Sorted job select master	JOBSELX

Record type — RCDCD = WJ
 RCDCD = WL

Sort fields

For WJ record type:

- Item number (EITEM)
- Record code (RCDCD)

For WL record type:

- Item number (ITNBR)
- Record code (RCDCD)
- Transaction code (TCODE)

AMKS94—Sort JOBSUM for ITEMAS

Purpose — Provide input for AMK94

Type — ADDROUT Sequence — Ascending

Files	Full file name	System file name
Input	Job summary	JOBSUMX
Output	Sorted job summary	JOBSUMX
	ADDROUT	ADDROU

Record type — RCDCD = W2

Sort fields

Item number (EITEM)

File load from diskette program list

The MAPICS file load programs consist of the following:

AMKA4 Vendor Master file diskette load
AMKB1 Customer Master diskette load
AMKB3 Contract Price diskette load
AMKB5 Quantity Price diskette load
AMKB7 Ship-to Master diskette load
AMKD0 Badge Master edit
AMKD1 Badge Master load
AMKE1 Edit Item Master transactions
AMKE3 Item Master file load
AMKG2 General Ledger Master file load
AMKG3 GELMAS Current balance forward
initialization
AMKI1 Item Balance load edit
AMKI2 Item Balance load update
AMKP3 Employee Master edit/load
AMKP5 Employee Miscellaneous Deduction edit/load
AMKP7 Employee State, County, Local edit/load
AMKR7 Diskette initial load
AMKS1 Customer Sales diskette load
AMKS2 Item Sales diskette load
AMKS3 Salesman Sales diskette load
AMKV1 Cross-application General Ledger file load
AMPQQ Select run time options during initial file load
AMKPAS Sort Vendor Master diskette load file
AMKPG1 Sort General Ledger Master diskette entry
AMKPP4 Employee Master load sort
AMKPP6 Employee Deduction load sort
AMKPP8 Employee State, County, Local edit/load sort
AMKPV1 Sort DAMKV1

AMKA4—Vendor Master file diskette load

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U	SHR	Random by key
Vendor Master	VENNAM	U	SHR	Random by key
Diskette	DAMKA4	I	OLD	Random by record address
DAMKA4 ADDRROUT	AMKAS2	I	OLD	Consecutive

User switches

None

Reports

Accounts Payable File Load—Vendor Master

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
REPTYT	Report type Set by OCL 1 = Edit only 2 = Edit and update	1	1	1	I

Description

Allows initial load of VENNAM. Input records are expected to be in vendor number—record code sequence. Depending on the value of REPTYT in the LDA, the following takes place:

REPTYT	Action
1	Edits and prints all entries
2	Edits and prints all entries, and adds valid entries to VENNAM

Initialization

- Edits LDA fields. If expected data is not found, prints terminal error message.
- Accesses VENNAM record from SYSCTL. If not found, prints terminal error message. Otherwise, the following occurs:
 - Gets starting file record counts
 - UCAPM (file capacity)
 - UMAXM (maximum file capacity)
 - UCNTM (number of records residing in file)
 - UDELN (number of deleted records)
 - MBTCH (batch update counter)

If UCNTM \neq 1, file cannot be loaded from diskette. Prints a terminal error message and ends the job. The file should contain one record, for miscellaneous vendors (VNDNR = 000000), that was added when the file was created during installation.

- Establishes session work fields

Number of records added (UADDRH = 0)

- If any expected LDA data or any accessed record is not found, the program is terminated.
- Processes first input record.

Detailed processing

RCDCD = AS—used to add vendor name and address information. There can be only one AS record for each vendor number.

RCDCD = AT—used to add vendor statistic information. An AT record is not required, but only one can be present for each vendor group.

Editing and printing of vendor group information takes place during total L1 processing unless records for the vendor group were not in the correct sequence (error message 1802).

Total L1 (VNDNR) processing:

- File updates occur only if REPTYT = 2 and valid entries were made for VNDNR.
- Checks for VENNAM being within 10 records of capacity. The first time that this occurs, prints an error message.
- Checks for VENNAM having reached capacity. Once this has occurred, an error message is printed for each vendor group processed.
- Record cannot be added if file has reached capacity.

If REPTYT = 2, updates file record counts in VENNAM record in SYSCTL.

UCNTM incremented by one

UMAXM incremented by one

- Prints vendor group information and if REPTYT = 2, creates and adds an AA record to VENNAM. Input records for the vendor group must have passed all edits.

End-of-job processing

- Prints the following totals:
 - File status
 - Records available equal to UCAPM minus number of valid vendor groups processed plus 1.
 - Records deleted equal to zero.
 - Records active equal to number of valid vendor groups processed plus 1.
 - Record capacity equal to UCAPM.
 - Records added equal to number of records added to VENNAM.
 - Total vendor groups equal to number of vendor groups processed.
 - Valid vendor groups.
- If REPTYP = 2, increments MBTCH (batch update counter) by one and updates VENNAM in SYSCTL.

Messages

- 0101 SYSTEM CNTRL FILE RECORD MISSING
- 0302 X.....X RECORDS TO MASTER FILE LIMIT
- 0304 MASTER FILE HAS REACHED LIMIT
- 0381 – UNIDENTIFIED RECORD
- 1801 VENNAM FILE EXISTS CANNOT BE LOADED AGAIN
- 1802 INVALID RECORD GROUPING FOR A VENDOR
- 1803 X.....X MAY NOT BE BLANK OR ZERO
- 1805 DISCOUNT TAKEN YEAR-TO-DATE EXCEEDS AMT
- 1806 DISCOUNT TAKEN PREVIOUS YEAR EXCEEDS AMT
- 1807 DISCOUNT LOST YEAR-TO-DATE EXCEEDS AMT
- 1808 DISCOUNT LOST PREVIOUS YEAR EXCEEDS AMT
- 5527 REQUIRED LDA DATA NOT FOUND

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
Not AS or AT	0381	Only records with record code of AS or AT can be processed.
AT	1802	Duplicate AS record, or duplicate AT record, or AT record not preceded by AS record for same vendor
AS	1803	Vendor number cannot be blank or zero. Vendor name and vendor name abbreviation cannot be blank.
	1805	Discount amount greater than
	1806	corresponding purchase amount.
	1807	
	1808	
First cycle	0101	SYSCTL required record was not found
	5527	Valid value for REPTYP not found in LDA
L1	0302	VENNAM is within ten records of capacity
	0304	VENNAM has reached capacity; new record keys cannot be added

AMKB1—Customer Master diskette load

Files

Full file name	System name	Type	Disp	Mode of processing
Customer Transactions	CUSTRN	I	OLD	Random by ADDROUT file
ADDROUT File	ADROEI	I	SHR	Consecutive
Salesman Master	SLSMAS	I	SHR	Random by key
Taxing Body Master	TAXBOD	I	SHR	Random by key
Customer Master	CUSMAS	U	OLD	Random by key
System Control	SYSCTL	U	SHR	Random by key

User switches

U1 on – SLSMAS exists
 U7 on – TAXBOD exists

Reports

Customer Master File Edit List

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
OPTN	Option (yes/no)	3	1	3	I
DTFMT	Date format code	1	219	219	I

Description

This program edits records to be added to the CUSMAS file. The program can function in either edit mode or update mode. Edit mode produces an edit listing only, while update mode adds error-free records to the master file in addition to producing the edit list. Edit mode prints edit list of error records only. Update mode prints edit list of all records.

Initialization

Checks SYSCTL for interfacing applications, single or multiple companies, and terms and discounts.

Detailed processing

1. First record
 Increments MBATCH
 Housekeeping
2. Mainline
 Checks capacity
 Validates status code
 Validates record codes
3. Detail record
 Verifies master file existence
 Performs field edits
 Stores errors for later printing
 Adds master file record
 Prints after image of master file
 Prints errors
 Accumulates Processing totals
4. Last record
 Updates record counts in SYSCTL
 Prints Processing totals

End-of-job processing

If edit-only run, issues message if CUSMAS capacity is exceeded.

User exits

None

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
P	0501	Company number must be 01 to 20
P	2805	Customer number already in CUSMAS
P	2832	Customer name not entered
P	2833	Customer address line 1 not entered
P	2852	CUSMAS—record not found
P	2881	Customer number is 0 or all 9's
	0101	SYSCTL—record not found
	0103	Message number not in message member
	2802	CUSMAS—file capacity reached
	2869	RCDID—not P or Q
	2878	CUSTRN—duplicate records
	2879	CUSTRN—record not found
	2904	CUSMAS—entries exceed file capacity
Q	2504	SLSMAS—record not found
Q	2528	TAXBOD—code not found or deleted
Q	2529	TAXBOD—code not found or deleted
Q	2530	TAXBOD—code not found or deleted
Q	2531	TAXBOD—code not found or deleted
Q	2834	XBORD—not Y or N
Q	2835	XDCDE—not 0 to 6
Q	2836	ITDCD—not 0 to 5 or A
Q	2837	XSTRM—not 0 to 9
Q	2838	BFOIC—not B, O, P, 1, 2, 8, or 9
Q	2841	XILCD—not Y or N
Q	2842	XSMTC—not Y or N
Q	2843	XILCA—not Y or N
Q	2844	DTLOA—month not 01–12, day not 01–31
Q	2846	XBPSC—not Y or N
Q	2866	SYSCTL—record not found
Q	2867	SYSCTL—record not found
Q	2880	ILCAC—not Y
Q	2881	CUSNO—not 0 or 9
Q	2882	ILPCT—not 0
Q	2883	ILPCT—equals 0
Q	2884	DLTPM—beginning date > ending date
Q	2885	DLTPM—month not 01–12, day not 01–31
Q	2886	DTLOA—beginning date > ending date

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
 0103 MESSAGE NOT FOUND
 0501 COMPANY NUMBER NOT VALID
 2504 SALESMAN NUMBER NOT ON SALESMAN MASTER
 2528 TAX BODY 1 CODE NOT ON TAXING BODY FILE
 2529 TAX BODY 2 CODE NOT ON TAXING BODY FILE
 2530 TAX BODY 3 CODE NOT ON TAXING BODY FILE
 2531 TAX BODY 4 CODE NOT ON TAXING BODY FILE
 2802 CAPACITY REACHED ADDITIONS NOT VALID
 2805 CUSTOMER ALREADY EXISTS
 2832 CUSTOMER NAME IS REQUIRED
 2833 ADDRESS LINE 1 IS REQUIRED
 2834 BACKORDER CODE MUST BE Y OR NO
 2835 UNIT PRICE DSC CODE MUST BE 0 TO 6
 2836 INVOICE DISC CODE MUST BE 0 TO 5 OR A
 2837 STANDARD TERMS CODE MUST BE 0 TO 9
 2838 BAL FWD/OPEN ITEM MUST BE B,O,P,1,2,8,9
 2841 SERVICE CHARGE CODE MUST BE Y OR N
 2842 STATEMENT CODE MUST BE Y OR N
 2843 SERVICE CHARGE AGE CODE MUST BE Y OR N
 2844 DATE LAST ORDER NOT VALID DATE
 2846 PARTIAL SHIP CODE MUST BE Y OR N
 2852 HEADQUARTERS CUSTOMER NOT ON MASTER FILE
 2866 INVOICE DISCOUNT PERCENTAGE NOT ASSIGNED
 2867 STANDARD TERMS PERCENTAGE NOT ASSIGNED
 2869 RECORD CODE NOT VALID
 2878 DUPLICATE INPUT RECORDS
 2879 INPUT RECORD MISSING
 2880 IF SER CHG AGE IS Y – SER CHG MUST BE Y
 2881 CUSTOMER NO. CANNOT BE ZERO OR ALL NINES
 2882 IF SER CHG IS N – SER CHG % MUST BE 0
 2883 IF SER CHG IS Y – SER CHG % CANNOT BE 0
 2884 DATE LAST PAYMENT EXCEEDS PRESENT DATE
 2885 DATE LAST PAYMENT NOT VALID DATE
 2886 DATE LAST ORDER EXCEEDS PRESENT DATE
 2904 ADDITIONS WILL EXCEED FILE CAPACITY
 0501 COMPANY NUMBER NOT VALID

AMKB3—Contract Price diskette load

Files

Full file name	System name	Type	Disp	Mode of processing
Contract Price Transaction	CONTRN	I	OLD	Random by ADDROUT
Customer Master	CUSMAS	I	SHR	Random by key
ADDROUT File	ADROEI	I	SHR	Consecutive
Item Master	ITEMAS	I	SHR	Random by key
Contract Price Master	CONPRC	U	OLD	Random by key
System Control	SYSCTL	U	SHR	Random by key

User switches

None

Reports

Contract Price File Edit List

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
OPTN	Option (yes/no)	3	1	3	I
DTFMT	Date format code	2	219	219	I

Description

This program edits records to be added to the CONPRC file. The program can function in either edit mode or update mode. Edit mode produces an edit listing only, while update mode adds error-free records to the master file in addition to producing the edit list. Edit mode prints edit list of error records only. Update mode prints edit list of all records.

Initialization

1. Checks for single or multiple company.
2. Prints first page heading.

Display processing

1. First record
Increments MBATCH
Housekeeping
2. Mainline
Checks capacity
Validates status code
Validates record codes
3. Detail record
Verifies master file existence
Performs field edits
Stores errors for later printing
Adds master file record
Prints after image of master file
Prints errors
Accumulates Processing totals
4. Last record
Updates record counts in SYSCTL
Prints Processing totals

End-of-job processing

If edit only run, issue message if CONPRC capacity exceeded.

User exits

None

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
FC	0501	Company number not 01 to 20
FC	2502	CUSMAS—record not found or not A
FC	2506	ITEMAS—record not found or not A
FC	2808	CONPRC—record already exists
FC	2825	NEGPR—equals 0
FC	2829	CTKLI—equals 0
FC	2876	CTKXT—month not 01–12, day not 01–31
	0101	SYSC TL—record not found
	0103	—message number not in message member
	2802	CONPRC—file capacity reached
	2869	RCDCD—not FC
	2878	CONTRN—duplicate records
	2904	CONPRC—entries exceed file capacity

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
 0103 MESSAGE ... NOT FOUND
 0501 COMPANY NUMBER NOT VALID
 2502 CUSTOMER NUMBER NOT ON CUSTOMER
 MASTER
 2506 ITEM NUMBER NOT ON ITEM MASTER
 2802 CAPACITY REACHED ADDITIONS NOT VALID
 2808 CONTRACT/ITEM ALREADY EXISTS
 2825 CONTRACT UNIT PRICE MUST NOT BE ZERO
 2829 QUANTITY LIMIT MUST NOT BE ZERO
 2869 RECORD CODE NOT VALID
 2876 EXPIRE DATE NOT VALID DATE
 2878 DUPLICATE INPUT RECORDS
 2904 ADDITIONS WILL EXCEED FILE CAPACITY

AMKB5—Quantity Price diskette load

Files

Full file name	System name	Type	Disp	Mode of processing
ADDROUT file	ADROEI	I	SHR	Consecutive
Item Master	ITEMAS	I	SHR	Random by key
Quantity Price Transaction	QTYTRN	I	OLD	Random by ADDROUT file
Quantity Price Master	QTYPRC	U	OLD	Random by key
System Control	SYSCTL	U	SHR	Random by key

User switches

None

Reports

Quantity Price Master Edit List

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
OPTN	Option (yes/no)	3	1	3	I
DTFMT	Date format code	1	219	219	I

Description

This program edits records to be added to the QTYPRC file. The program can function in either edit mode or update mode. Edit mode produces an edit listing only, while update mode adds error-free records to the master file in addition to producing the edit list. Edit mode prints edit list of error records only. Update mode prints edit list of all records.

Detailed processing

1. First record
Increments MBATCH
Housekeeping
2. Mainline
Checks capacity
Validates status code
Validates record codes
3. Detail record
Verifies master file existence
Performs field edits
Stores errors for later printing
Adds master file record
Prints after image of master file
Prints errors
Accumulates Processing totals
4. Last record
Updates record counts in SYSCTL
Prints Processing totals

End-of-job processing

If edit only run, issues message if QTYPRC capacity is exceeded.

User exits

None

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
FQ	2506	ITEMAS—record not found or deleted
FQ	2807	ITEMAS—record already exists
FQ	2815	QNTY5—equals 0
FQ	2816	QNTY1—equal to or less than
FQ	2817	QNTY2—equal to or less than
FQ	2818	QNTY3—equal to or less than
FQ	2819	QNTY4—equal to or less than
FQ	2820	OPCT1—equals zero
FQ	2821	OPCT2—equals zero
FQ	2822	OPCT3—equals zero
FQ	2823	OPCT4—equals zero
FQ	2824	OPCT5—equals zero
FQ	2887	QNTY1—equals zero
FQ	2888	QNTY2—equals zero
FQ	2889	QNTY3—equals zero
FQ	2890	QNTY4—equals zero
FQ	2891	QNTY5—equals zero
	0101	SYSCtl—record not found
	0103	—message number not in message member
	2802	XXXXXX—file capacity reached
	2869	RCDCD—not FQ
	2878	QTYTRN—duplicate records
	2904	QTYPRC—entries exceed capacity

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
 0103 MESSAGE NOT FOUND
 2506 ITEM NUMBER NOT ON ITEM MASTER
 2802 CAPACITY REACHED ADDITIONS NOT VALID
 2807 ITEM NUMBER ALREADY EXISTS
 2815 QUANTITY BREAK 5 IS REQUIRED
 2816 QTY BREAK 2 NOT GREATER THAN QTY
 BREAK 1
 2817 QTY BREAK 3 NOT GREATER THAN QTY
 BREAK 2
 2818 QTY BREAK 4 NOT GREATER THAN QTY
 BREAK 3
 2819 QTY BREAK 5 NOT GREATER THAN QTY
 BREAK 4
 2820 QTY BREAK 1 ENTER QTY DSC % 1
 REQUIRED
 2821 QTY BREAK 2 ENTER QTY DSC % 2
 REQUIRED
 2822 QTY BREAK 3 ENTER QTY DSC % 3
 REQUIRED
 2823 QTY BREAK 4 ENTER QTY DSC % 4
 REQUIRED
 2824 QTY BREAK 5 ENTER QTY DSC % 5
 REQUIRED
 2869 RECORD CODE NOT VALID
 2878 DUPLICATE INPUT RECORDS
 2887 DSC % 1 ENTERED QTY BREAK 1 REQUIRED
 2888 DSC % 2 ENTERED QTY BREAK 2 REQUIRED
 2889 DSC % 3 ENTERED QTY BREAK 3 REQUIRED
 2890 DSC % 4 ENTERED QTY BREAK 4 REQUIRED
 2891 DSC % 5 ENTERED QTY BREAK 5 REQUIRED
 2904 ADDITIONS WILL EXCEED FILE CAPACITY

AMKB7—Ship-to Master diskette load

Files

Full file name	System name	Type	Disp	Mode of processing
ADDROUT File	ADROEI	I	SHR	Consecutive
Customer Master	CUSMAS	I	SHR	Random by key
Ship-to Transaction	SHPTRN	I	OLD	Random by ADDRROUT file
Taxing Body Master	TAXBOD	I	SHR	Random by key
Ship-to Master	SHPMAS	U	SHR	Random by key
System Control	SYSCTL	U	SHR	Random by key

User switches

U7 – TAXBOD exists

Reports

Ship-to Master File Edit List

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
OPTN	Option (yes/no)	3	1	3	I
DTFMT	Date format code	1	219	219	I

Description

This program edits records to be added to the SHPMAS file. The program can function in either edit mode or update mode. Edit mode produces an edit listing only, while update mode adds error-free records to the master file in addition to producing the edit list. Edit mode prints edit list of error records only. Update mode prints edit list of all records.

Detailed processing

1. First record
Increments MBATCH
Housekeeping
2. Mainline
Checks capacity
Validates status code
Validates record codes
3. Detail record
Verifies master file existence
Performs field edits
Stores errors for later printing
Adds master file record
Prints after image of master file
Prints errors
Accumulates Processing totals
4. Last record
Updates record counts in SYSCTL
Prints Processing totals

End-of-job processing

User exits

None

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
S	0501	COMNO—not 01 to 20
S	2502	CUSMAS—record not found or deleted
S	2528	TAXBOD—record not found or deleted
S	2529	TAXBOD—record not found or deleted
S	2530	TAXBOD—record not found or deleted
S	2531	TAXBOD—record not found or deleted
S	2806	SHPMAS—record already exists
S	2812	SHPNM—blank
S	2813	SHIP1—blank
S	2845	SHPNO—equals 0
S	2905	CUSNO—equals 99 in low order
	0101	SYCTL—record not found
	0103	—message number not in message member
	2802	SHPMAS—file capacity reached
	2869	RCDID—not S
	2878	SHPTRN—duplicate records
	2904	SHPMAS—entries exceed capacity

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
 0103 MESSAGE ... FOUND
 0501 COMPANY NUMBER NOT VALID
 2502 CUSTOMER NUMBER NOT ON CUSTOMER MASTER
 2528 TAX BODY 1 CODE NOT ON TAXING BODY FILE
 2529 TAX BODY 2 CODE NOT ON TAXING BODY FILE
 2530 TAX BODY 3 CODE NOT ON TAXING BODY FILE
 2531 TAX BODY 4 CODE NOT ON TAXING BODY FILE
 2802 CAPACITY REACHED ADDITIONS NOT VALID
 2806 CUSTOMER SHIP-TO NUMBER ALREADY EXISTS
 2812 SHIP-TO NAME IS REQUIRED
 2813 SHIP-TO ADDRESS LINE 1 IS REQUIRED
 2845 SHIP-TO NUMBER MUST NOT BE ZERO
 2869 RECORD CODE NOT VALID
 2878 DUPLICATE INPUT RECORDS
 2904 ADDITIONS WILL EXCEED FILE CAPACITY
 2905 CUSTOMER NUMBER CANNOT END WITH 99

AMKDO—Badge Master edit

Files

Full file name	System name	Type	Disp	Mode of processing
Badge Master	DBADGE	I	OLD	Random by key
Employee Master	EMPMAS	I	SHR	Random by key
Badge Work	DAMKDO	U	OLD	Sequential
System Control	SYSCTL	U	SHR	Random by key
Badge Master Edit List	PRINTER	O		Printer

User switches

U1 – Print audit totals/badge records

U4 – Employee master used in edit

Reports

Badge Load Diskette Edit List

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
ABORT	Termination indicator	1	7	7	O
REASN	Reason code (MIC)	4	8	11	O
DBDGE	Badge maintenance report option	1	108	108	I
USRID	Operator ID	3	252	254	I

Description

Program AMKDO performs the following functions:

- Edits the records from the badge master load diskette.
- Prints the records and associated messages.
- Flags records that have invalid badge number or invalid employee number with an ACREC of “D”.
- Flags all other records in error with an ACREC of “E”.

Initialization

- Loads CON (company number array) with an indicator for each valid company.
- Loads SHF (shift worked array) with an indicator for each valid shift worked.
- Gets the time and date for printing.
- Checks the available record count in the Badge Master file.
- Prints the report heading.

Detailed processing

Checks for the following conditions:

- Badge number is numeric.
- Badge number is zero.
- Badge number not duplicated in DBADGE.
- Employee number is numeric.
- Employee number is zero.
- Employee is on EMPMAS file.
- Foreman code is not blank.
- Company number is numeric.
- Company number is valid.
- Company number equals EMPMAS company number.
- Shift paid is valid.
- Shift paid equals EMPMAS shift paid.
- Shift worked is numeric.
- Shift worked is valid.
- Employee name not blank.
- Employee name equals EMPMAS employee name.
- Counts the records by category (active, error, and deleted).
- Prints the record and associated error messages.
- Flags any error record with a ACREC of “E”.
- Flags any record having an invalid badge or employee number with an ACREC of “D”.

End-of-job processing

- Calculates number of records (active and error) to be loaded into DBADGE.
- Checks for available capacity in DBADGE.

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
SYSCTL	0101	SYSCTL record not found
	0105	SYSCTL record code not valid
	6027	SYSCTL record not found
	6074	Not enough room in DBADGE for load
AMZ09	0103	Message not found
DAMKD0	6241	Duplicate badge number in DBADGE
	6243	EMPNO = 0
	6250	BADGE = 0
	6251	ENAME ≠ EMPMAS employee name
	6252	CONUM ≠ EMPMAS company number
	6253	SHFTP ≠ EMPMAS shift paid
	6260	Field contains non-numeric data
	6261	Field contains non-numeric data
	6262	EMPNO not in EMPMAS
	6263	CONUM < 01, or > 20, or ≠ to valid company number
	6264	FRMAN = to
	6265	SHFTP ≠ 1, 2, 3
	6266	SHFTW ≠ valid shift worked
6267	ENAME = to	

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
 0103 MESSAGE NOT FOUND
 0105 INVALID RECORD CODE SYSCTL FILE
 6027 CANCELLED, CONTROL RECORD ERROR
 6074 NOT ENOUGH ROOM IN BADGE MASTER FOR
 LOAD
 6241 DUPLICATE BADGE NUMBER
 6243 EMPLOYEE NUMBER NOT VALID
 6250 BADGE NUMBER NOT VALID
 6251 PAYROLL MASTER NAME NOT THE SAME
 6252 PAYROLL MASTER COMPANY NUMBER NOT
 EQUAL
 6253 PAYROLL MASTER SHIFT PAID NOT EQUAL
 6260 CONTAINS NON-NUMERIC DATA
 6261 XXXXXX CONTAINS NON-NUMERIC DATA
 6262 EMPLOYEE NUMBER NOT IN PAYROLL
 MASTER
 6263 COMPANY NUMBER NOT VALID/DEFINED
 6264 FOREMAN IS BLANK
 6265 PAYSHIFT NOT VALID
 6266 WORK SHIFT NOT VALID
 6267 EMPLOYEE NAME IS BLANK

AMKD1—Badge Master load

Files

Full file name	System name	Type	Disp	Mode of processing
Badge Work	DAMKD0	I	OLD	Sequential
Badge Master	DBADGE	IA	OLD	Random by key
System Control	SYSCTL	U	SHR	Random by key
Audit Totals	PRINTER	O		Printer

User switches

U1 – Print audit totals

Reports

Audit Totals

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
ABORT	Termination indicator	1	7	7	I
REASN	Reason code (MIC)	4	8	11	I
USRID	Operator ID	3	252	254	I

Description

Program AMKD1 loads the edited badge master records on the DBADGE file. Badge records with errors have an ACREC of “E”. Badge records with an ACREC of “D” are not added. Duplicate badge records are not added. Audit totals are printed.

Initial processing

- Gets time and date for printing.
- Gets name of company one for printing.
- Gets available record count for DBADGE.
- Checks if the Badge Edit has been run.
- Checks if there are records in DBDGWK to be added to DBADGE.
- Flags DBADGE for reorganization if record to be added will exceed available space.
- Prints the report headings.

Detailed processing

- Checks for duplicate record in DBADGE.
- Counts the records by type (active, error, or deleted).
- Places system date in each record.

End-of-job processing

- Calculates records added to DBADGE.
- Updates record counts in DBADGE control record.
- Zeros record counts in DAMKD0 control record.
- Cancels procedure if input record count does not match record count from DAMKD0 control record.

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
SYSCTL	0101	System control record missing
	0103	Message XXXX not found
	6027	System control record error
SYSCTL	6074	Record count of DAMD70 exceeds available space in DBADGE
DBADGE	6241	Duplicate badge number
SYSCTL	6256	Record count of DAMKD0 ≠ actual number of records read
	6257	Badge edit has not been run, or no active or error records to be loaded

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
 0103 MESSAGE NOT FOUND
 6027 CANCELLED, CONTROL RECORD ERROR
 6074 NOT ENOUGH ROOM IN BADGE MASTER FOR LOAD
 6241 DUPLICATE BADGE NUMBER
 6256 RECORD COUNT NOT EQUAL TO RECORD READ
 6257 BADGE EDIT HAS NOT BEEN RUN

AMKE1—Item Master edit of load transactions

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	I	SHR	Random by key
Item Master	ITEMAS	I	SHR	Random by key
Item Master Diskette Transactions	IMDSKT	I	OLD	Random by ADDR0UT
Item Master Diskette ADDR0UT	IDADDR	I	OLD	Sequentially
Item Master Edited Transactions	IMEDIT	O	NEW	Update/add

User switches

None

Reports

Item Master Transaction Edit

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
MICNO	Message number	4	9	12	O
FFNME	Field/file in error	6	13	18	O
DTFMT	Date format	1	219	219	I
CANCEL	Cancel code	1	242	242	O
USRID	User ID	3	252	254	I

Description

This program reads the sorted IMDSKT file, performs comprehensive edit on each record of the control group and either writes the accepted records on the IMEDIT file or lists the error conditions on the Item Master Transactions Edit list.

On the first record of a control group, chains to ITEMAS to determine whether this item is already on the file and if so, whether it is deleted. Adds transactions affecting a deleted item by overlaying the deleted item on disk. If the item is active, checks flags to determine which transactions have already been entered for this item and rejects transactions that have already been entered on previous runs, (see transaction chart). B2 transaction type records may be entered multiple times.

If the control group passes the transaction edit and contains no field errors, record count (UCNTM) in IMEDIT is incremented and the file full condition is checked. The item count in ITEMAS is incremented and its file full condition is also checked. The control group is then written to the IMEDIT file.

Transaction chart

Transaction type	Active item in ITEMAS	No active item or deleted item in ITEMAS
A1	not allowed	required
A2	allowed*	allowed*
B1	allowed*#	allowed*#
B2	allowed#	allowed#

No transaction type may be duplicated within a control group.

*Not allowed if entered on a previous run

#Not allowed if product costing or full MRP not installed

Initialization

Initialize report date. Get company CONO01 in SYSCTL. Save company name (field COMNM). Get ITEMAS in SYSCTL. Calculate file item count. Save counts, and get IMEDIT in SYSCTL. Calculate file item count, and save counts. Get PDMREC in SYSCTL. Check PDMREC. If FULRP/PCSTG ≠ 1 and IMREC = 2, error 4616. If FULRP/PCSTG = 1 and IMREC = 1, ERROR 4525.

Detailed processing

For JDETL1 control group first record processing, gets item master record. If not found, sets on indicator 91. If deleted, sets on indicator 23. Zeroes out record array, REC, zeroes out field edit array EDT, and initiates work fields and control group work fields.

For LDTAIL detail every record processing, increments transaction count, TRNAB. Checks for duplicate input record. Compares this control field to the save control field. If duplicate transaction, issues message 4594. Moves this control field to save. Checks for invalid record code and if invalid, issues message 4557.

For MDETA1 field edit A1 record, increments transaction count of A1 transactions. Stores occurrence of A1 transaction. If ITNBR is blank, issues error and marks edit array with 1 EDT,02. If ITDSC is blank, issues error and marks edit array with 1 EDT,03. If PRICE is negative, issues error, marks edit array with 3 EDT,05, and saves field value. If UCOST is negative, marks edit array with 4 EDT,06, and saves field value. If UNMSR is blank, issues error, and marks edit array with 1 EDT,07. If ITTYP is blank, issues error, and marks edit array with 1 EDT,08. If ITTYP is not in range of values, issues error, marks edit array with 1 EDT,08, and saves ITTYP value. If PLANN is negative, marks edit array with 1 EDT,13, and saves field value. If WEGHT is negative, marks edit array with 3 EDT,15, and saves field value. If STDSU is negative, marks edit array with 3 EDT,16, and saves field value. If CARRY is negative, marks edit array with 3 EDT,17, and saves field value. If ORDPC is not in range of values, marks edit array with 1 EDT,18. Save field value. If ORDPC is blank, moves G into ORDPC as the default value.

For NDETA2, increments transaction count of A2 transactions. Stores occurrence of A2 transaction. If DMCOD is not in range of values, marks edit array with 1 EDT,21, and saves field value. If DMCOD is D, M, and UPDM1–6 are all zero, marks edit array with 3 EDT,22, and saves field value, UPDM1–6. If UPDM1–6 is negative, marks edit array with 3 EDT,22–27, and saves field value. If TAXC1–4 is negative, marks edit array with 1 EDT,28–31 and saves field value. If SAFLG not 0, 1, marks edit array with 1 EDT,32, and saves field value.

For ODETB1 field edit B1 record, increments transaction count of B1 transactions. Stores occurrence of B1 transaction. If LOTSZ is negative, issues error, marks edit array with 1 EDT,36, and saves field value. If CTECH is R and LOTSZ is zero, error and marks edit array with 1 EDT,36. If CTECH is T and LABHR is zero, issues error, marks edit array with 4 EDT,46, and saves field value. If CTECH is not blank, T, R, issues error, marks edit array with 1 EDT,41, and saves field value. If CTECH is R and work center and routing files are not installed, issues error and marks edit array with 1 EDT,34. If CTECH is not blank and if ITTYP is F or O, issues error, marks edit array with 1 EDT,35, and saves field value. If CTECH is T and if SLTAB, CLTAB, SOTAB, or COTAB is blank, issues error, marks edit array with 1 EDT,42–45 respectively, and saves field value. Continues with following tests only if CTECH is R. Identifies if make item or buy items. If standard purchase content this level is zero and costing is installed for buy item, issues error, and marks edit array with 4 EDT,37, and saves field value. If standard labor content this level is zero and costing is installed for make item, issues error, marks edit array with 4 EDT,38, and saves field value.

If standard purchase content this level is not zero for a make item, issues error, marks edit array with 4 EDT,37, and saves field value. If standard labor content this level is not zero for a buy item, issues error, marks edit array with 4 EDT,38, and saves field value. Repeats above four tests using current instead of standard values, and issues error 4 EDT,39 for a purchase content error, or 4 EDT,40 for a labor content error.

For PDETB2, increments transaction count of B2 transactions. Stores occurrence of B2 transaction. If MLICD is not M, S, or blank, issues error, marks edit array with 1 EDT,48, and saves field value. If MLPCD is not L, S, or blank, issues error, marks edit array with 1 EDT,49, and saves field value. If PINTV is outside a 0–3 range, issues error, marks edit array with 1 EDT,50, and saves field value. If CMREQ is not blank, or 0–9, issues error, marks edit array with 1 EDT,51, and saves field value. If MLFOR is outside a 0–2 range, issues error, marks edit array with 1 EDT,47, and saves field value.

Control level processing

For PTOTL1 control level processing, tests existence of A1, A2, or B1 in group just processed. If ITEMAS record exists and is active, executes QTOTAC. If A1 exists, issues error 4612. If A2 is already loaded, error 4613. If B1 is already loaded, issues error 4614. If ITEMAS record exists and is deleted, executes RTDSDL. If A1 is not found, issues error 4615. If ITEMAS record not found, executes STOTNF. If A1 is not found, issues error 4615. If B1 or B2 exists and file is not formatted for B-records, issues error 4629. If control group contains field errors, do not add to disk file output.

Updates control level counters. If there are no errors and A1 exists, add to A1 count; if A2 exists, add to A2 count; if B1 exists, add to B1 count; and lastly, if B2 exists, add to B2 count. If no errors in control group, adds to Item Master items affected counter. If ITEMAS exists, adds to item update counter. If ITEMAS not found, adds to item added counter. If ITEMAS exists deleted, reduces items deleted counter. If ITEMAS not found, adds to item count counter. If ITEMAS not found, subtracts to determine items remaining. If A1, A2, B1, or B2 exists, reduces IMEDIT capacity for each transaction. ITEMAS file full, issues error 0309. IMEDIT file full, issues error 4524. No errors, outputs to IMEDIT. Errors, executes UFIELD to process edit error array and outputs error fields and message for this group.

For UFIELD process field errors, sets up loop to scan EDT array for error marks. Checks each element for value of 1, 3, or 4. Outputs field value in error, field name, message number. If overflow is on, skips to top of new page and outputs headings.

End-of-job processing

Writes YLROUT last record. If no detail records were processed, exits to initialization routines. Calculates transactions in error (total transactions minus valid transactions). Writes control sheet.

User exits

None

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
INIT	4525	No B-records in IM file and PC or full MRP is installed
	4616	B-records exist but PC nor full MRP is installed
A1	4557	RCDCD ≠ A1, A2, B1, or B2
	4594	An A1 transaction for same item no. has already been read
	4612	An item master already exists with this item number
	0103	Missing error message
	4770	At least one data field is in error
	4681	ITNBR = blank
	4687	ITDSC = blank
	4688	PRICE < 0
	4689	UCOST < 0
	4690	UNMSR = blank
	4501	ITTYP = blank ≠ 0, 1, 2, 3, 4, 9, or F
	4691	PLANN < 0
	4692	WEGHT < 0
	4693	STDSU < 0
	4694	CARRY < 0
A2	0103	Missing error message
	4525	No B-records in IM file and PC or full MRP is installed
	4557	RCDCD ≠ A1, A2, or B1
	4594	A2 transaction for same item no. has already been read
	4613	A2REC = 1
	4615	No A1 transaction for this item
	4616	B-records exist but PC nor full MRP is installed
	4770	At least one data field is in error
	4617	At least one of the tax codes is negative, TAXC1 to TAXC4
	4681	ITNBR is blank
	4621	DMCOD ≠ blank, D,M
	4622	DMCOD = D or M and all values are 0
	4696	SAFLG ≠ blank, 0, 1
	4620	ORDPC ≠ blank, A, B, C, D, F, G, H, Z
B1	0103	Missing error message
	4525	No B-records in IM file and PC or full MRP is installed
	4557	RCDCD ≠ A1, A2 or B1

Record code or display ID	Message number	Cause
B1 (cont.)	4594	A B1 transaction for same item no. has already been read
	4614	Item master already exists
	4615	No A1 transaction for this item
	4616	B-records exist but PC nor full MRP is installed
	4629	PC nor full MRP is installed
	4670	CTECH = R but routing file not installed
	4755	CTECH = blank and ITTYP = 0 or F
	4681	ITNBR = blank
	4630	This item costed and LOTSZ = 0
	4624	ITTYP = 1, 2, and SPCTL ≠ 0
	4624	ITTYP = 3, 4, and SPCTL = 0
	4625	ITTYP = 3, 4, and SLCTL ≠ 0
	4624	ITTYP = 1, 2, and CPCTL ≠ 0
	4624	ITTYP = 3, 4, and CPCTL = 0
	4625	ITTYP = 3, 4, and CLCTL ≠ 0
	4626	CTECH ≠ blank, T, R
	4627	CTECH = T, and SLTAB, CLTAB, SOTAB, COTAB all = blank
	4628	CTECH = T and LABHR = 0
B2	0103	Missing error message
	4702	MLFOR ≠ 0, 1, or 2
	4707	MLICD ≠ M, S, or blank
	4708	MLPCD ≠ L, S, or blank
	4709	PINTV ≠ 0, 1, 2, or 3
	4710	CMREQ < 0
CD	0101	CONO01, IMEDIT, ITEMAS or PDMREC missing from system control file
	0102	Error in UCAPM, UCTLM, UCNIM or UDELM in IMEDIT or ITEMAS record
	0309	IMEDIT file full

Messages

- 0101 SYSTEM CNTRL FILE RECORD MISSING
- 0102 SYSTEM CONTROL FILE ERROR
- 0103 MESSAGE NOT FOUND
- 0309 MASTER FILE FULL – REORGANIZE
- 4501 ITEM TYPE CODE MUST BE 0, 1, 2, 3, 4, 9, OR F
- 4524 MASTER FILE FULL
- 4525 FILE EXPANSION REQUIRED
- 4557 TRANSACTION CODE NOT VALID
- 4594 DUPLICATE TRANSACTION
- 4612 A1 TRANSACTION ALREADY ENTERED
- 4613 A2 TRANSACTION ALREADY ENTERED
- 4614 B1 TRANSACTION ALREADY ENTERED
- 4615 A1 TRANSACTION MISSING
- 4616 ITEMAS EXPANDED – COSTING/FULLMRP NOT UP
- 4617 MUST NOT BE NEGATIVE
- 4620 ORDER POLICY CODE MUST = A, B, C, D, F, G, H, Z
- 4621 DISCOUNT/MARKUP MUST BE BLANK, D, OR M

Messages

4622 DMCOD IS D, M AND UPDM1-6 ARE ALL ZERO
4624 PURCH ITEM IS ZERO OR MAKE ITEM IS PLUS
4625 PURCH ITEM IS PLUS
4626 COST TECHNIQUE CD MUST BE BLANK, T
OR R
4627 CTECH IS T AND TABLE CODE IS BLANK
4628 CTECH IS 'T' AND LABOR HOURS ARE ZERO
4629 B1 OR B2 NOT ALLOWED—COSTING/FULL
MRP NOT UP
4630 CTECH IS 'R' AND LOT SIZE IS ZERO
3670 CTECH IS 'R' AND W/C OR R/T MISSING
4681 ITEM NUMBER MUST NOT BE BLANK
4687 ITEM DESCRIPTION MUST NOT BE BLANK
4690 UNIT OF MEASURE MUST NOT BE BLANK
4696 SALES ANALYSIS MUST BE 0 OR 1
4702 ML FORECAST MUST BE 0, 1, OR 2
4707 ML ITEM CODE MUST BE M, S, OR BLANK
4708 ML PRINT CODE MUST BE L, S, OR BLANK
4709 PERIOD INTERVAL CODE MUST BE 0, 1, 2,
OR 3
4710 COMBINE REQUIREMENTS CODE MUST BE
NUMERIC
4770 FIELD ERROR
4755 ITEM TYPE IS 0, F CTECH MUST BE BLANK

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AMKE3—Item Master file load

Files

Full file name	System name	Type	Disp	Mode of processing
Item Master Edited Transactions	IMEDIT	I	OLD	Consecutive
Item Master	ITEMAS	U	OLD	Random by key with add
System Control	SYSCTL	U	OLD	Random by key

User switches

None

Reports

Item Master Load Report

LDA

Field name	Field description	Length	Location From	Location To	Input/Output
MICNO	Message number	4	9	12	O
FFNME	Field/file in error	6	13	18	O
DTFMT	Date format	1	219	219	I
CANCL	Cancel code	1	242	242	O
USRID	User ID	3	252	254	I

Description

This program reads the IMEDIT file, chains to the ITEMAS file, and performs adds and/or updates.

Initialization (includes SYSCTL checking)

Initialize report date, maintenance date. Get CONO01 from SYSCTL and save company name. Get ITEMAS from SYSCTL, increments batch counter, and calculate file capacities. Get PDMREC from SYSCTL and save IMREC to load B-records. Get file control record.

Detailed processing

Chain to ITEMAS file. Record may be found, not found, or flagged to be deleted during the next reorganization procedure. Initialize work fields. Accumulate transaction counters. Test ORDPC for blank. If blank, default to ORDPC of 'G'. Test MAXLN ≠ blank. If not blank, default to MAXLN of 'A'.

Control level processing

Increments item counters. Increments items updated counter. Increment items added counter. Decrement items deleted counter. Increment total items counter. Calculate items remaining. If record not found, increment relative record number. If ITEMAS file is full, set reorganization flag in SYSCTL to 1. Update or add to ITEMAS file. Print record to be added.

User exits

None

End-of-job processing

If no detail records were processed, exits to initialization routines. Update file counts in SYSCTL and file control record output control sheet.

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
A1, A2, B1 or B2	0101	CONO01, ITEMAS or PDMREC missing from SYSCTL
	0103	Error message missing
	0309	Item master file full
	4564	No record in IM file with key of '0'

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
 0103 MESSAGE NOT FOUND
 0309 ITEMAS FILE FULL
 4564 FILE CONTROL RECORD MISSING

AMKG2--Print General Ledger Master File Edit Listing

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	I	SHR	Random by key
General ledger Diskette Entry	DAMKG1	I		Random by ADDR0UT
Sorted General Ledger Diskette Entry	AMKG1	I		Sequential by key
General Ledger Master	GELMAS	U		Random by key with add

User switches

U1 on -- Update GELMAS
 U2 on -- Edit only

Reports

General Ledger Master File Initial Load--AMKG2

LDA

Field name	Field description	Length	Location From	To	Input/Output
COMNOL	Company number to initialize	2	1	2	0

Description

This program executes twice to print the General Ledger Master File Initial Load edit listing and add records to GELMAS.

Initialization

Set on single company and fiscal period indicator. Initialize non-maintainable GELMAS fields (MTDDR, MTDCR, DROTH, CROTH, EFLAG, MDATE).

Detailed processing

The sorted input records are edited by record code as detailed in the edit matrix. All company load records must be processed in one cycle. The input file must pass all edits before the update can execute. If no history transactions are processed, history records are created during the update.

In addition to field/record/company validity edits, file capacity edits are performed. For each company, totals are printed for assets, liabilities, debits, credits, and record counts by type (current, budget, and history).

End-of-job processing

In the edit cycle, FILBT of DAMKG2 is updated to 1 if errors were found, to 2 when no errors found. In the update cycle, GELMAS FILBT is set to 2 and UCNTM is updated with the number of records added.

Additionally, a check is made to determine whether or not to execute the program AMKG3 that initializes current year balance forward amounts. When the total current year debits and credits (CURRDR, CURRCR) are both zero and either listing debits or credits (HISTOR, HISTCR) are not zero, the LDA (COMNOL) is updated with the processed company number (CONMO).

User exits

None

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
LA--LE	0501 1029	COMNO ≠ 1--20 or COMNM = blank GLFMA = 0 or GLANO found in GELMAS
LA	1028 1036 1031 0455	GLANO = 9999999 GLTYP ≠ 1 ACTYP ≠ AS, LI, EX, IC GLDES = blank
LB--LE	1028 1001 1035	GLANO = 9999999 Not defined by LA record GLTYP ≠ 1, 2, or 3
LB	1032	BALFD ≠ 0 for ACTYP = EX, IC
LC	1038	P13DR ≠ 0 and FSCPR = 0
LD	1032 1034	BALFC ≠ 0 for ACTYP = EX, IC BALFC ≠ 0 and BALFD ≠ 0
LE	1038	P13CR ≠ 0 and FSCPR = 0
LA--LE	0504	Duplicate record
LB--LE	0453 1037	Amount fields negative Amount fields typed for current processing periods
	0382	RCDCD ≠ LA--LE
	0101	CONOnn, GELMAS or XMREPT records not found in SYSCTL
	0302	UCNTM within 10 of UCAPM
	0304	UCNTM = UCAPM
	0310	UCNTM > UCAPM
	1002	CURRDR ≠ CURRCR--current debits/credits
	1045	HISTDR ≠ HISTCR--history debits credits

Record code or display ID	Message number	Cause
LB-LE (cont.)	1019	WK112A ≠ WK112B—history YTD ≠ current balance forward for account
	1044	HTDASS ≠ HTDLIA—history assets ≠ liabilities
	1017	Severe errors found

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
 0302 RECORDS TO MASTER FILE LIMIT
 0304 MASTER FILE LIMIT REACHED
 0310 MASTER FILE FULL—RESIZE
 0382 UNIDENTIFIED RECORD TYPE
 0453 KEYED AS MINUS, MADE POSITIVE
 0455 MUST NOT BE BLANK
 0501 COMPANY NUMBER NOT VALID
 0504 DUPLICATE ADD ATTEMPTED
 1001 GENERAL LEDGER ACCOUNT NUMBER NOT
 VALID
 1002 DEBITS AND CREDITS DO NOT BALANCE
 1017 EDIT ERRORS MUST BE CORRECTED
 1019 HISTORY BALFWD NOT EQUAL TO CURRENT
 1028 ALL 9'S ACCOUNT NUMBER NOT ALLOWED
 1029 CURRENT PERIOD DELETE CHANGE
 RESTRICTION
 1031 ACCOUNT TYPE MUST BE AS, EX, IC, OR LI
 1032 BALFWD MUST BE 0 FOR ACCT TYPES IC, EX
 1035 TYPE CODE MUST BE 1, 2, OR 3
 1036 TYPE CODE MUST BE 1 FOR RECORD CODE LA
 1037 AMOUNT MUST BE 0 FOR CURRENT PERIODS
 1038 PERIOD 13 NOT VALID—MADE 0
 1044 ASSETS AND LIABILITIES DO NOT BALANCE
 1045 HISTORY DEBITS/CREDITS DO NOT
 BALANCE

AMKG3—GELMAS Current Balance Forward Initialization

Files

Full file name	System name	Type	Disp	Mode of processing
General Ledger Master	GELMAS	I	SHR	Sequential by limits
General Ledger Master Update	GELMAX	U	SHR	Random by key

User switches

None

Reports

None

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
COMNOL	Company number to process	2	1	2	I

Description

This program updates the General Ledger current record balance forward amounts calculated from account history records. This program only runs when the General Ledger Master File Load program AMKG2 has determined that all accounts, current year debits and credits are zero and history debits or credits are greater than zero.

Initialization

The General Ledger Master is a demand read file. Lower limits are initialized by establishing the chain field GELKY – COMNOL + 0000000 + 3.

Detailed processing

Only history asset and liability accounts are read from GELMAS. The account debits and credits are totaled (BALFDR, BALFCR).

When either total is greater than zero, the new balance forward is calculated (BALFDR – BALFCR = NEWBAL). The GELMAS key field GELKY is moved into the chain field GELKEY. A 1 is then moved to the GLTYP position of GELKEY and the current record for the account is retrieved from GELMAX. The balance forward field in GELMAX is updated. When NEWBAL is negative, it is made positive to update current balance forward credit. When NEWBAL is positive it updates current balance forward debit.

End-of-job processing

At end of file or when the GELMAS company number is greater than the processing company (COMNO > COMNOL) the last record indicator is set on to end the program.

User exits

None

Display action summary

None

Edit matrix

None

Messages

None

AMKI1—Item Balance load edit

Files

Full file name	System name	Type	Disp	Mode of processing
Item Balance Load	IBLOAD	U		Random by ADDRUT
Item Balance Load Sort	ILDTAG	I		Consecutive
Item Master	ITEMAS	I		Random by key
Item Balance	ITEMBL	I		Random by key
System Control	SYSXXX	I	SHR	Random by key

User switches

None

Reports

Item Balance Load Edit List

LDA

Field name	Field description	Length	Location From	To	Input/Output
DTFMT	Date format	1	219	219	I
CANCL	Procedure cancel code	1	242	242	O

Description

This program does the following:

- Reads IBLOAD and edits the records.
- Prints edit list of records that do not pass the edit.

Note: All data fields entered in record type MC and MD will be added only before the Inventory Management application has been activated.

Initialization

Reads SYSCTL records:

- WHOUSE—to obtain list of valid warehouses
- ITEMBL—to obtain initial record counts
- CONO01—to obtain the company name

Detailed processing

1. Reads a record from IBLOAD.
2. Prints the record with error message if invalid warehouse.
3. Chains to ITEMAS, using item number as key.
4. Prints the record with error message if item not found in ITEMAS.
5. Chain to ITEMBL, using item number/warehouse as key, if first record of item/warehouse group.
6. Prints the record with error message if item number/warehouse already exists in ITEMBL.
7. Updates IBLOAD record with any defaults if record passes edit.
8. Updates IBLOAD record with ACREC of E if record does not pass edit.

End-of-job processing

Prints record count statistics.

User exits

None

Display action summary

None

Edit matrix

None

Messages

```

0101 ..... SYSTEM CNTRL FILE RECORD MISSING
0103 MESSAGE .... NOT FOUND
3150 FIELD IS NEGATIVE
3152 FIELD MUST BE NUMERIC
3153 FIELD NOT BLANK, M, OR P
3154 .. DUPLICATE RECORD TYPE
3155 FIELD MUST BE 0, 1, 2, 3 OR 4
3157 ..... ITEM MASTER NOT FOUND
3158 ..... DUPLICATE ITEM/HOUSE
3160 ITEMBL FILE LIMIT EXCEEDED
3161 ..... WAREHOUSE NOT VALID
3162 FIELD NOT BLANK OR 'F'
3163 ..... UNIDENTIFIED RECORD
    
```

AMKI2—Item balance load update

Files

Full file name	System name	Type	Disp	Mode of processing
Item Balance Load	IBLOAD	I		Random by ADDROUT
Item Balance Load Sort	ILDTAG	I		Consecutive
Item Master	ITEMAS	I		Random by key
Item Balance	ITEMBL	U		Random by key
System Control	SYSXXX	U	SHR	Random by key

User switches

None

Reports

Item Balance Load Edit List

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
DTFMT	Date format	1	219	219	I
CANCL	Procedure cancel code	1	242	242	O

Description

This program does the following:

- Reads IBLOAD and edits for addition of records to ITEMBL.
- Adds records to ITEMBL if edit passes.
- Prints edit list of all records added.

Initialization

Reads SYSCTL records:

- ITEMBL—to obtain initial record counts.
- CONO01—to obtain the company name.

Detailed processing

Reads record from IBLOAD and sets active record indicator. At first level break, does the following: converts user dates to file format, gets the description of the new item, sets default values not set in edit program (AMKI1), prints the composite record on the edit list, updates record counts, writes the record to ITEMBL, and sets off the active record indicator.

End-of-job processing

1. Updates SYSCTL file ITEMBL record as follows:
 - (UCNTM)
 - (UDELM)
2. Prints record count statistics.

User exits

None

Display action summary

None

Edit matrix

None

Messages

```
0101 ..... SYSTEM CNTRL FILE RECORD MISSING
0103 MESSAGE .... NOT FOUND
0310 ..... MASTER FILE FULL—RESIZE
3157 ..... ITEM MASTER NOT FOUND
```

AMKP3—Employee Master edit/load

Files

Full file name	System name	Type	Disp	Mode of processing
Employee Load ADDROUT	AMKPP4	I	NOSHR	Consecutive
Employee Load Diskette	DAMKP3	I	NOSHR	Random by ADDROUT
Deduction Distribution	DISTRB	I	SHR	Random by key
Tax Table	TAXTBL	I	SHR	Random by key
Employee Master	EMPMAS	U	SHR	Random by key
System Control	SYSCTL	U	SHR	Random by key

User switches

None

Reports

Employee Master Load/Edit Listing

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
OPTION	Load/edit parameter	4	1	4	I OCL
ERROSW	Print errors only switch byte	1	5	5	I AMPQQ
DTFMT	User date format	1	219	219	I
CANCL	Cancel the job indicator byte	1	242	242	O
USRID	User identification	3	252	254	I

Description

This program edits and loads records to the Employee Master file from diskette entries. It can be run as an edit with load or as an edit function only. By user option it will list all records or only records that are in error.

Initialization

Access the LDA for OPTION and ERROSW and set indicators to control the program run and listing.

Access GLAPPR record from SYSCTL and set indicators for file support options.

Accesses XMREPT record from SYSCTL and set an indicator if not multi-company support.

Access EMPMAS record from SYSCTL.

If this is a load run, increment MBTCH (batch update counter) by one and update EMPMAS in SYSCTL. Save the starting record counts UCAPM (file capacity), UCNTM (record count) and UDELM (deleted record).

If any SYSCTL record is missing or unidentified, put C in LDA CANCL.

Set on LR.

Detailed processing

A control level on EMPNO (employee number) is used for editing of all record types for one employee. Record types LA and LB are required and, if missing, cause rejection of the employee group and bypass of the editing.

Store counts for:

Total employees processed in TOTREC

Employees in error in TOTERR

Employees passing edit in TOTAOK

Employees loaded in TOTADD

If ERROSW = 0, print the record. Error messages are printed for all fields that failed the edits.

If OPTION = LOAD and no errors are detected, reset all error indicators and blank the input fields.

End-of-job processing

No processing is done for an edit-only run. For load run, access the EMPMAS record in SYSCTL and update UCNTM with new record count.

User exits

None

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
LA	2159	LA record missing for employee
LA	2120	EMPNO (employee number) < 0
LA	0508	EMPNO already on file
LA	2115	COMNO (company number) not in SYSCTL
LA	2105	APRNT (mail check code) ≠ Y or N
LA	2123	MARST (marital status) ≠ M, S, H, N
LA	2136	HDEPT, HWORK (home department and work center) not in LABDIS file
LA	2020	SHFTC (shift code) ≠ 1, 2, 3
LB	2159	LB record missing for employee
LB	2105	FITCD (federal tax code) ≠ Y or N
LB	2105	FICAC (FICA tax code) ≠ Y or N
LB	2105	PENSN (pension code) ≠ Y or N
LB	2121	PROCD (protect code) ≠ P or blank
LB	2125	PAYTP (pay type) ≠ H, S, N
LB	2119	PFREC (pay frequency) ≠ WK, BW, MN, SM
LB	2111	UNINO (union number) > 0 and UNIND (union indicator) ≠ 1
LB	2112	UNINO > 0 and UNIND = 1, not in DISTRB
LB	2111	STATC (state code) > 0 and STIND (state indicator) ≠ 1
LB	2112	STATC > 0 and STIND = 1, not in DISTRB
LB	2116	STATC > 0, MARST, PFREC, not in TAXTBL
LB	2111	CONTC (county code) > 0 and CYIND (county indicator) ≠ 1
LB	2112	CONTC > 0 and CYIND = 1, not in DISTRB
LB	2116	CONTC > 0, MARST, PFREC not in TAXTBL
LB	2111	LOCCD (local code) > 0 and LOIND (local indicator) ≠ 1
LB	2112	LOCCD > 0 and LOIND = 1, not in DISTRB
LB	2116	LOCCD > 0, MARST, PFREC not in TAXTBL
LA	2116	MARST ≠ N, PREF, no federal TAXTBL

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
 0302 RECORDS TO MASTER FILE LIMIT
 0309 MASTER FILE—REORGANIZE
 0310 MASTER FILE FULL—RESIZE
 0508 RECORD TO BE ADDED ALREADY EXISTS
 2020 SHIFT CODE MUST BE 1, 2, OR 3
 2105 FIELD DATA MUST BE Y OR N
 2111 DISTRB NOT SUPPORTED
 2112 DISTRB RECORD NOT FOUND
 2115 COMPANY NUMBER NOT VALID
 PAYROLL
 2116 TAX TABLE RECORD NOT FOUND
 2119 PAY FREQUENCY NOT VALID
 2120 EMPLOYEE NUMBER MUST BE GT ZERO
 2121 PROTECT CODE MUST BE P OR BLANK
 2123 MARITAL STATUS NOT VALID
 2125 PAY TYPE NOT VALID
 2136 DEPT, WKCTR NOT FOUND ON LABOR
 DISTRB
 2159 REQUIRED RECORD NOT FOUND

AMKP5—Employee Miscellaneous Deduction edit/load

Files

Full file name	System name	Type	Disp	Mode of processing
Employee Deduction ADDROUT	AMKPP6	I	NOSHR	Consecutive
Deduction Load Diskette	DAMKP5	I	NOSHR	Random by ADDROUT
Deduction Distribution	DISTRB	I	SHR	Random by key
Employee Master	EMPMAS	I	SHR	Random by key
Employee Deduction	EMPDED	U	SHR	Random by key
System Control	SYSCTL	U	SHR	Random by key

User switches

None

Reports

Employee Miscellaneous Deduction Load/Edit Listing

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
OPTION	Load edit parameter	4	1	4	I OCL
ERROSW	Print errors only switch byte	1	5	5	I AMPQQ
DTFMT	User date format	1	219	219	I
CANCL	Cancel the job indicator byte	1	242	242	O
USRID	User identification	3	252	254	I

Description

This program edits and loads records to the Employee Miscellaneous Deduction file from diskette entries. It can be run as an edit with load or as an edit function only. By user option it will list all records or only records that are in error.

Initialization

Access the LDA for OPTION and ERROSW and set indicators to control the program run and listing.

Access XMREPT record from SYSCTL and set an indicator if not multi-company support.

Access EMPDED record from SYSCTL.

If this is a load run, increment MBTCH (batch, update counter) by one and update EMPDED in SYSCTL. Save the starting record counts UCAPM (file capacity), UCNTM (record count) and UDELM (deleted record).

If any SYSCTL records are missing or unidentified, put C in LDA CANCL.

Set on LR.

Detailed processing

A control level on EMPNO (employee number) is used for editing.

Store counts for:

Total employees processed in TOTREC
 Total employees in error in TOTERR
 Total employees passing edit in TOTAOK
 Total employees loaded in TOTADD

If ERROSW = 0, print the record. Error messages are printed for all fields that failed the edits.

If OPTION = LOAD and no errors are detected, reset all error indicators and blank the input fields.

End-of-job processing

No processing is done for an edit only run. For load run, access the EMPDED record in SYSCTL and update UCNTM with new record count.

User exits

None

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
LF	2115	COMNO (company number) not in SYSCTL
LF	2113	EMPNO (employee number) not in EMPMAS or COMNO of LF ≠ COMNO in EMPMAS
LF	2028	COMNO, DEDNO (deduction number) not in DISTRB
LF	0508	COMNO, EMPNO, DEDNO found in EMPDED file
LF	2114	DEDAM (deduction amount) and DEDPC (deduction percent) and DEDHR (deduction hourly rate) = 0
LF	2124	PFREQ (deduction frequency) < 0 or > 7

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
0302 RECORDS TO MASTER FILE LIMIT
0309 MASTER FILE FULL—REORGANIZE
0310 MASTER FILE FULL—RESIZE
0508 RECORD TO BE ADDED ALREADY EXISTS
2028 DISTRIBUTION RECORD NOT FOUND
2113 EMPLOYEE MASTER NOT FOUND
2114 ALL DEDUCTION AMOUNTS ARE ZERO
2115 COMPANY NUMBER NOT VALID FOR
PAYROLL
2124 DEDUCTION FREQUENCY NOT VALID

AMKP7—Employee State, County, Local edit/load

Files

Full file name	System name	Type	Disp	Mode of processing
Employee Load ADDROUT	AMKPP8	I	NOSHR	Consecutive
Employee Load Diskette	DAMKP7	I	NOSHR	Random by ADDROUT
Deduction Distribution	DISTRB	I	SHR	Random by key
Employee Master	EMPMAS	I	SHR	Random by key
Tax Table	TAXTBL	I	SHR	Random by key
Employee State, County, Local	EMPSCL	U	SHR	Random by key
System Control	SYSCTL	U	SHR	Random by key

User switches

None

Reports

Employee State/County/Local Load/Edit Listing

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
OPTION	Load edit parameter	4	1	4	I OCL
ERROSW	Print errors only switch bytes	1	5	5	I AMPQQ
DTFMT	User date format	1	219	219	I
CANCL	Cancel the job indicator byte	1	242	242	0
USRID	User identification	3	252	254	I

Description

This program edits and loads records to the Employee State, County, Local file from diskette entries. It can be run as an edit with load or as an edit function only. By user option it will list all records or only records that are in error.

Initialization

Access the LDA for OPTION and ERROSW and set indicators to control the program run and listing.

Access GLAPPR record from SYSCTL and set indicators for file support options.

Access XMREPT record from SYSCTL and set an indicator if not multi-company support.

Access EMPSCL record from SYSCTL.

If this is a load run, increments MBTCH (batch update counter) by one and update EMPSCL in SYSCTL. Save the starting record counts UCAPM (file capacity), UCNTM (record count) and UDELM (deleted record).

If any SYSCTL records are missing or unidentified, put C in LDA CANCL. Set on LR.

Detailed processing

A control level on EMPNO (employee number), TYPCD (type code), STLCC (state local code) is used for editing all records of a group for one employee. Record LG is required and if missing will cause rejection of the employee group and bypass of the editing.

Store counts for:

Total employees processed in TOTREC

Employees in error in TOTERR

Employees passing edit in TOTAOK

Employees loaded in TOTADD

If ERROSW = 0, print the record. Error messages are printed for all fields that failed the edits.

If OPTION = LOAD and no errors are detected, add the record to EMPSCL and reset all error indicators and blank the input fields.

End-of-job processing

No processing is done for an edit only run. For load run, access the EMPSCL record in SYSCTL and update UCNTM with new record count.

User exits

None

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
LG	2159	LG record missing for employee
LG	2113	EMPMAS not found or COMNO (company number) in EMPMAS ≠ COMNO in DAMKP7
LG	2115	COMNO not in SYSCTL
LG	2111	TYPESD (type code) S and STIND ≠ 1 (state ind), TYPESD = I and SDIND ≠ 1 (state disability), TYPESD = K and CYIND ≠ 1 (county indicator), TYPESD = L and LOIND ≠ 1 (local indicator)
LG	2147	TYPESD ≠ I, K, L, S
LG	2112	COMNO, TYPESD, STLCC (state local code) not found in DISTRB file
LG	0508	Record to add already on EMPSCS file
LG	2123	MARST (marital status) ≠ M, S, H, N
LG	2116	PFREC (pay frequency in EMPMAS, MARST, STLCC (state, local county code), TYPESD not on TAXTBL
LG	2117	EXMP (exemption array) > 0 and PEXCD (personal exemption code from TAXTBL) ≠ 1
LG	2129	FEXM (exemption array 1) index by EXMP1 = 0, FEX1 (exemption array 2) index by EXMP2 = 0, FEX2 (exemption array 3) index by EXMP3 = 0
LG	2118	STXE (tax credit exemption array) > 0 and TXCCD (tax credit code from TAXTBL) ≠ 1
LG	2130	FTC1 (tax credit array 1) index by STXE1 = 0, FTC2 (tax credit array 2) index by STXE2 = 0, FTC3 (tax credit array 3) index by STXE3 = 0

Messages

- 0101 SYSTEM CNTRL FILE RECORD MISSING
- 0302 RECORDS TO MASTER FILE LIMIT
- 0309 MASTER FILE FULL—REORGANIZE
- 0310 MASTER FILE FULL—RESIZE
- 0508 RECORD TO BE ADDED ALREADY EXISTS
- 2111 DISTRB NOT SUPPORTED
- 2112 DISTRB RECORD NOT FOUND
- 2113 EMPLOYEE MASTER NOT FOUND
- 2115 COMPANY NUMBER NOT VALID FOR PAYROLL
- 2116 TAX TABLE RECORD NOT FOUND
- 2117 PERSONAL EXEMPTION NOT ALLOWED BY TAXTBL
- 2118 TAX CR EXEMPTION NOT ALLOWED BY TAXTBL
- 2123 MARITAL STATUS NOT VALID
- 2129 PERSONAL EXEMPTIONS GT TAX TABLE ENTRY
- 2130 TAX CREDIT EXEMPTIONS GT TAX TABLE ENTRY
- 2147 DISTRB CODE NOT VALID
- 2159 REQUIRED RECORD NOT FOUND

AMKR7—Diskette Initial Load

Files

Full file name	System name	Type	Disp	Mode of processing
Customer Master	CUSMAS	I	SHR	Random
Diskette Invoice Entry	OPENFL	I	SHR	Sequential
Invoice Edit Print	PRINTER	O		
Receivables Detail	OPENRU	O		Sequential
System Control	SYSCTL	U	SHR	Random

User switches

U1 on — Edit and load

U1 not on — Edit only

Reports

Invoice, Cash Receipt, and Adjustment Edit Print

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
DTFMT	Date format	1	219	219	I
CANCL	Cross-application cancel	1	242	242	O

Description

AMKR7 edits invoices, cash receipts, and adjustments that were entered from diskette into the OPENFL file; lists all records, along with control totals and error messages; and if U1 is on builds the OPENRU file.

Initialization

AMKR7 retrieves the following information from the SYSCTL file:

UCNTM and UCAPM from the OPENRU record

COIND from the XMREPT record

STMON from the AGDATE record

If the information is missing or invalid, the program sets on the system error and last-record indicators and branches to end-of-job processing.

Also as part of initialization, the program sets any indicators needed for control fields.

Detailed processing

AMKR7 uses the customer/company key (CUSKEY) to locate the CUSMAS records affected by transactions. An error occurs if the master record is not found or if one of the following is true of the master record:

The record is marked suspend, delete, or hold (ACREC is S, D, or H).

The balance-forward/open-item code (BFOIC) is invalid.

The ANOIT field has other than 9's indicating that this record has been previously loaded.

The editing that applies to OPENFL records in general is described below. Editing of particular record types (RP, RN, and RO) is included in the edit matrix.

The following error conditions apply to all OPENFL records:

- ACREC is not A or D.
- RCDCD is not RP, RN, or RO.
- The last two positions of the customer number are 99.
- The balance-forward/open-item code (ACODE) does not match BFOIC in the master record.
- The transaction date (TRNDT) is not valid.
- The invoice number (INVNR) is not positive or blank.

The following error conditions apply to transaction records affecting master records with BFOIC set to O or P:

- The first record of the set (records with the same invoice number and age code) is not an invoice.
- The outstanding amount balance (OUTAR) appears on a record that is not the first of a set, or OUTAR does not equal the sum of all records in the set.

The following editing applies to balance-forward transactions:

If transaction type (TRTYP) is . . .	Age code (AGECD) must be . . .
6	1, 2, 3, or 4
4 or 8	0
1, 2, or 3	–9 to 4

The following editing applies to open-item transactions:

If TRTYP is . . .	AGECD must be . . .
8	0, 1, 2, 3, or 4
4	0
1, 2, or 3	–9 to 4

TRTYP must not be 6 for open-item transactions.

Future aging. The following tests and calculations apply to future aging of invoices:

The future age month (FAGMO) in the invoice record must be later than the next statement date for future aging to occur. If it is not later, the invoice falls in the current period (age code 0).

For each period the FAGMO date exceeds the next statement date, 1 is subtracted from the age code. The age code is never reduced below -9, that is nine periods beyond the current period (age code 0).

Keeping totals and end-of-record processing. For all transaction types, AMKR7:

Accumulates all dollar fields.

Counts all records by type (RP, RN, RO), all records with errors, all unidentified records, and all records written to OPENRU (U1 must be on).

Writes the record to the PRINTER file.

If the OPENRU file becomes full during processing, the program indicates on the record listing those records that were edited but could not be stored in OPENRU.

End-of-job processing

For normal end of job, the program prints batch totals. It also updates the UCNTRM field in the OPENRU record of SYSCTL if U1 is on.

If the program is ending because of a system error, it sets the CANCL field of the LDA to C and terminates.

User exits

None

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
RN	0404	ACODE ≠ B, O, P TRTYP ≠ 1, 2, 3, 4, 6, 8 AGECD ≠ 1 through 4 or -1 through -9
	0454	INVAM = 0
	0501	COMNO not valid
	3501	CUSNRL = 99
	3503	CUSKEY ACODE = S
	3505	CUSKEY not in CUSMAS
	3507	CUSKEY ACODE = 0
	3511	TRNDT not valid
	3525	INNMR missing or negative
	3604	ANOIT ≠ 9's
RO	0404	TRTYP ≠ 2 UNAPP ≠ blank or U
	3517	AMTRC + CDSAM + ARADJ ≠ ITRLC
	3525	AMTRC, CKNUM, or DPSNO is negative
	3602	INVNR = 0 and UNAPP = blank or INVNR = + and UNAPP = U
RP	0404	TRTYP ≠ 3 UNAPP ≠ blank or U
	0454	ARADJ = 0
	3525	ADJNR missing or negative
	3602	INVNR = 0 and UNAPP = blank or INVNR = + and UNAPP = U
	3604	ANOIT ≠ 9's

Messages

- 0101 SYSTEM CNTRL FILE RECORD MISSING
- 0102 SYSTEM CONTROL FILE ERROR
- 0103 MESSAGE NOT FOUND
- 0382—UNIDENTIFIED RECORD TYPE
- 0404—NO SUCH CODE
- 0452—NEGATIVE
- 0454—MUST NOT BE ZERO
- 0455—MUST NOT BE BLANK
- 0460 NOT VALID
- 0501 COMPANY NUMBER NOT VALID
- 3501 HEADQUARTERS TRANSACTION NOT VALID
- 3503—SUSPENDED
- 3505—NOT FOUND
- 3507—DELETED
- 3511—NOT VALID
- 3517 AMOUNTS DO NOT CROSSFOOT
- 3521 AGE CODE/RECEIVABLE MONTH NOT ALLOWED
- 3523—MUST BE BLANK
- 3525—MISSING OR NEGATIVE
- 3533—FILE CAPACITY REACHED
- 3602 REF. NO. AND UNAPPLIED CODE CONFLICT
- 3603 FIRST RECORD OF THIS GROUP IN ERROR
- 3604 CUSTOMER HAS BEEN PREVIOUSLY LOADED

AMKS1—Customer Sales diskette load

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U		Random by key
Customer Sales Diskette	AMSD01	I		Sequential
Customer Summary	CUSSUM	U		Random by key
Customer Interface	CUSTSA	U		Random by key
Customer Master	CUSMAS	I		Random by key

User switches

U4 on — edit and update files
 U4 off — edit only

Reports

Customer Sales Edit

LDA

Field name	Field description	Length	Location From	To	Input/Output
CANCEL	Cancel	1	242	242	O

Description

Diskette load allows customer sales data to be loaded from a diskette. Customer sales files are updated only if either Accounts Receivable, or if Order Entry and Invoicing is interfacing.

Initialization

Accesses the following records in SYSCTL and retrieves the indicated fields.

Key	Field
CONO01	COMNM (company name)
CUSSUM	UCAPM (file capacity)
	UCNTM (file record count)
	UDELN (file delete count)
	MBTCH (maintenance batch update count)
CUSTSA	UCAPM (file capacity)
	UCNTM (file record count)
	UDELN (file delete count)
	MBTCH (maintenance batch update count)
SASECY	SACUR (current month/period number)
	SACLO (number of Sales Analysis closings)

Key

XMREPT

Field

COIND (multiple company indicator)
 DTFMT (date format)
 FSCPR (accounting cycle indicator)

Adds 1 to MBTCH and updates CUSSUM and CUSTSA records.

Convert date as described in DTFMT.

Initialize all blank areas.

If a SYSCTL record is missing, issues message 0101 and terminates. Puts C in the LDA CANCEL.

Detailed processing

Reading the diskette file (AMSD01) sequentially, the following processing occurs:

Print the record.

If the record is unidentifiable, prints an error message and no file update is attempted.

If the record is identifiable, each time the CUSNO (customer number) or COMNO (company number) changes the following occurs:

Access CUSSUM.

If a record is found, issues an error message. If no CUSSUM record is found, access CUSTSA.

If a record is found, issues an error message.

Access CUSMAS.

If a corresponding record is not found, issues a warning message. Edit the AORDA (customer number of invoices YTD).

If it is not zero or positive, issue an error message. If an error message has been issued for the CUSNO, COMNO data, add 1 to the error count.

If no error has been issued, add 1 to valid record count.

If U4 is on and no error has been issued, the data is added to both the CUSSUM and CUSTSA files.

End-of-job processing

If U4 is off, print last record totals and no files are updated. If U4 is on, print last record totals. Use actual record counts to update the CUSSUM and CUSTSA records in SYSCTL.

User exits

None

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
CZ	0101	CONO01 record not found
CD	0101	CUSSUM record not found
	0101	CUSTSA record not found
SA	0101	SASECY record not found
XC	0101	XMREPT record not found
	0401	AMSD01 record is unidentifiable
MA	4050	COMNO, CUSNO no customer master
	0310	UCNTM file full
	4010	AMSD01 multiple diskette records for the same record code key
	0508	COMNO, CUSNO record already exists
	4060	AORDA cannot be negative

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
 0103 MESSAGE NOT FOUND
 0310 MASTER FILE FULL—RESIZE
 0401—UNIDENTIFIED
 0508 RECORD TO BE ADDED ALREADY EXISTS
 4010 MULTIPLE DISKETTE RECORDS FOR THIS
 TYPE
 4050 CUSTOMER MASTER NOT FOUND
 4060 FIELD VALUE IS IN ERROR

AMKS2—Item Sales diskette load

Files

Full file name	System name	Type	Disp	Mode processing
System Control	SYSCTL	U		Random by key
Item Sales Diskette	AMSD02	I		Sequential
Item Summary	ITEMSM	U		Random by key
Item Interface	ITEMSA	U		Random by key
Item Master	ITEMAS	I		Random by key

User switches

U4 on – edit and update files
 U4 off – edit only

Reports

Item Sales Edit

LDA

Field name	Field description	Length	Location From	To	Input/Output
CANCEL	Cancel	1	242	242	O

Description

Diskette load allows item sales data to be loaded from a diskette. Item sales files are updated only if either Inventory Management or Order Entry and Invoicing is interfacing.

Initialization

Access the following records in SYSCTL and retrieve the indicated fields.

Key	Field
CONO01	COMNM (company name)
ITEMSM	UCAPM (file capacity)
	UCNTM (file record count)
	UDELN (file delete count)
	MBTCH (maintenance batch update count)
ITEMSA	UCAPM (file capacity)
	UCNTM (file record count)
	UDELN (file delete count)
	MBTCH (maintenance batch update count)
SASECY	SACUR (current month/period number)
	SACLO (number of Sales Analysis closings)

Key

XMREPT COIND (multiple company indicator)
 DTFMT (date format)
 FSCPR (accounting cycle indicator)

Add 1 to MBTCH and update ITEMSM and ITEMSA records.

Convert date as described in DTFMT.

Initialize all blank areas.

If a SYSCTL record is missing, issue a message and terminate. Put C in the LDA CANCEL.

Detailed processing

Reading the diskette file (AMSD02) sequentially, the following processing occurs:

Print the record.

If the record is unidentifiable, print an error message and no file update is attempted.

If the record is identifiable, each time the item number (ITNBR) changes the following occurs:

Access ITEMSTM.

If a record is found, issue an error message. If a record is not found, accesses ITEMSA.

If a record is found, issue an error message.

Edit the AORDI (item number of invoices YTD).

If it is not zero or positive, issue an error message.

Accesses ITEMSA.

If a corresponding record is not found, issues warning message.

If an error message has been issued for the CUSNO, COMNO data, add 1 to the error count.

If no error has been issued, add 1 to valid record count.

If U4 is on and no error has been issued, the data is added to both the ITEMSTM and ITEMSA files.

End-of-job processing

- If U4 is off, print last record totals and no files are updated.
- If U4 is on, print last record totals.

Use actual record counts to update the ITEMSTM and ITEMSA records in SYSCTL.

User exits

None

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
CZ	0101	CONO01 record not found
CD	0101	ITEMSM record not found
	0101	ITEMSA record not found
SA	0101	SASECY record not found
XC	0101	XMREPT record not found
	0401	AMSD02 record is unidentifiable
A	4051	ITNBR no customer master
	0310	UCNTM file full
	4010	AMS302 multiple diskette records
	0508	ITNBR record already exists
	4060	AORDI cannot be negative

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
 0103 MESSAGE NOT FOUND
 0310 MASTER FILE FULL—RESIZE
 0401—UNIDENTIFIED
 0508 RECORD TO BE ADDED ALREADY EXISTS
 4010 MULTIPLE DISKETTE RECORDS FOR THIS
 TYPE
 4051 ITEM MASTER NOT FOUND
 4060 FIELD VALUE IS IN ERROR

AMKS3—Salesman Sales diskette load

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	U		Random by key
Salesman Sales Diskette	AMSD03	I		Sequential
Salesman Master	SLSMAS	U		Random by key
Salesman Interface	SLSMSA	U		Random by key

User switches

U4 on — edit and update files
 U4 off — edit only

Reports

Salesman Sales Edit

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
CANCEL	Cancel	1	242	242	O

Description

This diskette load program allows salesman sales data to be loaded from a diskette.

Initialization

Access the following records in SYSCTL and retrieves the indicated data:

Key	Field
CONO01	COMNM (company name)
SLSMAS	UCAPM (file capacity)
	UCNTM (file record count)
	UDELN (file delete count)
	MBTCH (maintenance batch update count)
SLSMSA	UCAPM (file capacity)
	UCNTM (file record count)
	UDELN (file delete count)
	MBTCH (maintenance batch update count)
SASECY	SACUR (current month/period number)
	SACLO (number of Sales Analysis closings)
XMREPT	COIND (multiple company indicator)
	DTFMT (date format)
	FSCPR (accounting cycle indicator)

Add 1 to MBTCH and update SLSMAS and SLSMSA records.

Convert date as described in DTFMT.

Initialize all blank areas.

If a SYSCTL record is missing, issue a message and terminate P. Put C in the LDA CANCEL.

Detailed processing

Reading the diskette file (AMSD03) sequentially, the following processing occurs:

Print the record.

If the record is unidentifiable, print an error message and no file update is attempted.

If the record is identifiable, each time the SLSNO (salesman number changes the following occurs:

Access SLSMAS.

If a record is found, issue an error message.

Access SLSMSA.

If a record is found, issue an error message.

Edit the SYOTD (salesman number of invoices YTD).

If it is not zero or positive, issue an error message.

If salesman name (SLSNM) is blank, issues message.

If an error message has been issued for the SLSNO data, add 1 to the error count.

If no error has been issued, add 1 to valid record count.

If U4 is on and no error has been issued, the date is added to both the SLSMAS and SLSMSA files.

End-of-job processing

- If U4 is off, print last record totals and no files are updated.
- If U4 is on, print last record totals. Use actual counts to update the SLSMAS and SLSMSA records in SYSCTL.

User exits

None

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
CZ	0101	CONO01 record not found
CD	0101	SLSMAS record not found SLSMSA record not found
SA	0101	SASECY record not found
XS	0101	XMREPT record not found
	0310	UCNTM file full
	0401	AMSD03 record is identifiable
	0508	SLSNO record already exists
	4010	AMSD03 multiple diskettes records
	4059	SLSNM cannot be blank
	4060	SYOTD cannot be blank

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
 0103 MESSAGE NOT FOUND
 0310 MASTER FILE FULL—RESIZE
 0401—UNIDENTIFIED
 0508 RECORD TO BE ADDED ALREADY EXISTS
 4010 MULTIPLE DISKETTE RECORDS FOR THIS
 YEAR
 4059 SALESMAN NAME CANNOT BE BLANK
 4060 FIELD VALUE IS IN ERROR

AMKV1—Cross-application General Ledger file load

Files

Full file name	System name	Type	Disp	Mode of processing
General Ledger Master Diskette Entry File	DAMKV1	I	SHR	Random by ADDROUT
General Ledger Master Diskette Entry File ADDROUT	AMKV1	I	SHR	Sequential
General Ledger Master	GELMAS	O	SHR	Output Add
System Control	SYSCTL	U	SHR	Random by key

User switches

- U1 — Add records to GELMAS
- U2 — Edit DAMKV1 and print listing

Reports

General Ledger Master File Initial Load—AMKV1

LDA

None

Description

This program is used by applications other than General Ledger when General Ledger is not installed. Only account descriptive data can be loaded. It is executed twice; once to edit the data, and again to add valid records to GELMAS.

Initialization

The GELMAS file record is retrieved from SYSCTL for the record count UCNTM. The XMREPT record is retrieved for COIND which determines whether or not multi-companies can be loaded. Work fields and constants are initialized so that records are loaded with zero-balance amount fields and the maintenance date in format YY/MM/DD.

Detail processing

Only records with RCD CD = LA are processed. COMNO must be defined in its corresponding SYSCTL CZ record.

General Ledger number (GLANO) cannot be all nines and must not be duplicated.

General Ledger type (GLTYP) must be 1 (current record). Account description (GLDES) is required as is a valid account type (ACTYP = AS, LI, EX or IC).

Record counts are maintained of valid added records. History records are created in case the General Ledger application is installed later.

End-of-job processing

When there are severe edit errors, FILBT of DAMKV1 file record is updated to 1. When there are no severe errors, FILBT is updated to 2.

In update mode, FILBT and record count (UCNTM) of the GELMAS file record are updated.

Display action summary

None

Edit matrix

Record code or display ID	Message number	Cause
LA	0501	COMNO ≠ 1–20 or not defined in CZ record
LA	1028	GLANO is all nines
LA	0504	GLANO duplicated
LA	0455	GLDES is blank
LA	1036	GLTYP not 1
LA	1031	ACTYP not AS, LI, EX, IC
	0382	RCD CD not LA
	0101	DAMKV1, GELMAS, XMREPT, or CONOnn record not found in SYSCTL
	0302	UCAPM – UCNTM < 10
	0304	UCNTM = UCAPM
	0310	UCNTM > UCAPM

Messages

0101 SYSTEM CNTRL FILE RECORD MISSING
 0302 RECORDS TO MASTER FILE LIMIT
 0304 MASTER FILE LIMIT REACHED
 0310 MASTER FILE FULL—RESIZE
 0382 —UNIDENTIFIED RECORD TYPE
 0455 GLDES MUST NOT BE BLANK
 0501 COMPANY NUMBER NOT VALID
 0504 DUPLICATE ADD ATTEMPTED
 1028 ALL 9'S ACCOUNT NUMBER NOT ALLOWED
 1031 ACCOUNT TYPE MUST BE AS, EX, IC, OR LI
 1036 TYPE CODE MUST BE 1 FOR RECORD CODE
 LA

AMPQQ—Select Run time options during Initial File Load

Files

Full file name	System name	Type	Disp	Mode of processing
System Control	SYSCTL	I	SHR	Random by key

User switches

None

Reports

None

LDA

Field name	Field description	Length	Location		Input/Output
			From	To	
ERROSW	List errors only switch	1	5	5	O
CANCL	Cancel job indicator	1	242	242	O

Description

This program displays edit and load options. The work station operator is given one question for YES/NO responses. The answer is written in the LDA (local data area) as 1 or 0 respectively. It is accessed by option 1 on menu AMPM00 and option 2 on secondary menu AMPM01.

Initialization

None

Display processing

AMPQQ1 appears. Prompts operator for YES or NO response to list diskette records. If YES, prints a listing of those diskette records with errors. If NO, prints all diskette records. Checks command function keys.

End-of-job processing

Writes YES or NO response to LDA, sets last record indicator to on, and prints records selected.

User exits

None

Display action summary

Current display	Operator action	Description	System action
AMPQQ1	ENTER	Detects errors, formats messages	AMPQQ1
	ENTER	Accepts entries	
	CK24	Cancels the job	

Edit matrix

Record code or display ID	Message number	Cause
AMPQQ1	0205	RESPS1 ≠ YES or NO

Messages

0205 RESPONSE MUST BE YES OR NO

Licensed Material—Property of IBM

AMKPAS—Sort Vendor Master Diskette Load File

Purpose — Provide sequenced input for AMKA4

Type — ADDROUT Sequence — Ascending

Files	Full file name	System file name
Input	Vendor master diskette	DAMKA4
Output	Vendor master diskette ADDROUT	AMKAS2

Record type — Include RCDCD = AS, AT records

Sort fields

VNDNR (vendor number)

RCDCD (record code)

AMKPG1—Sort General Ledger Master diskette entry

Purpose — Sort diskette entry file for initial file load

Type — Sequence —

Files	Full file name	System file name
Input	General ledger master diskette entry	DAMKG1
Output	Sorted DAMKG1	AMKG1

Record type —

Sort fields

- COMNO (company number)
- GLANO (General Ledger account number)
- GLTYP (type code)
- RCDCD (record code)

Licensed Material—Property of IBM

AMKPP4—Employee Master load sort

Purpose — Group and sequence record types for
Employee Master file EMPMAS

Type — ADDROUT Sequence — Ascending

Files	Full file name	System file name
Input	Employee load diskette	DAMKP3
Output	Employee load ADDROUT	AMKPP4

Record type — Include LA, LB, LC, LD record codes

Sort fields

EMPNO (employee number)

RCDCD (record code)

AMKPP6—Employee Deduction load sort

Purpose — Sequence loading of employee deduction file
EMPDED

Type — ADDRROUT Sequence — Ascending

Files	Full file name	System file name
Input	Employee deduction load diskette	DAMKP5
Output	Employee deduction ADDRROUT	AMKPP6

Record type — Include record code LF

Sort fields

- COMNO (company number)
- EMPNO (employee number)
- DEDNO (deduction number)

Licensed Material—Property of IBM

AMKPP8—Employee State, County, Local load sort

Purpose — Group and sequence record types for loading of EMPSCS (employee state, county, local) file

Type — ADDROUT Sequence — Ascending

Files	Full file name	System file name
Input	Employee state, county, local diskette	DAMKP7
Output	Employee state, county, local ADDROUT	AMKPP8

Record type — Include record codes LG, LH

Sort fields

COMNO (company number)

EMPNO (employee number)

TYPED (type code)

STLCC (state local code)

RCDCD (record code)

AMKPV1—Sort DAMKV1

Purpose — Sort diskette records for cross-application
GELMAS file load

Type — Sequence —

Files	Full file name	System file name
Input	GELMAS diskette file load	DAMKV1
Output	Sorted DAMKV1	AMKV1

Record type —

Sort fields

COMNO (company number)

GLANO (General Ledger account number)

GLTYP (General Ledger type code)

RCDCD (record code)

Section 5. Record Layouts

This section lists all fields and their location in the records of the following files:

APPCHK	OCLOUT
APPDSC	SECFIL
APPLOG	SIZQST
CPWORK	SYSCTL
DSKCTL	SYSLOK
DSKSIK	SYSWCD
OCLINP	

Each file is identified by system file name and full file name. If the file is an indexed file, the file organization is specified with an I, and the key length also is specified.

Each record in a file is identified by record code (Record type), which is a two-position alphameric code. The record length for each record is also specified. The record length is the same for all record types within the same file.

Each field in a record is identified by field name, field description, field length (Length), field type (Data Format), starting and ending positions (Location From, to), and decimal positions (Dec Pos). The field type is either A for alphameric, N for numeric, P for packed, or B for binary. If a field is numeric, the number of decimal positions is shown. If a numeric field has no decimal positions, the Dec Pos column contains a zero.

Security Control (APPCHK)

DISK FILE LAYOUT								
FULL FILE NAME -	SECURITY CONTROL	DESCRIPTION - CONTAINS SECURITY PASSWORDS AND THEIR ASSOCIATED CLEARANCES AND OPERATOR ID'S						
SYSTEM FILE NAME -	APPCHK							
FILE ORGANIZATION -	INDEXED BY PSSKY							
RECORD LENGTH -	40							
KEY LENGTH -	4	KEY START -	2					
RECORD TYPE -	AB1							
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS		DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED		A	1	1		ACREC
SCRAMBLED PASSWORD	4			A	2	5		PSSKY
SCRAMBLED USER ID	3			A	6	8		IDENT
SECURITY CLEARANCE ARRAY	24	APPLICATION	RECORD LOCATION	ARRAY ELEMENTS	A	9	32	ARA
		A/P	9-10	1-2				
		DE&I	11-12	3-4				
		PCC	13-14	5-6				
		DCSS	15-16	7-8				
		PDM	17-18	9-10				
		G/L	19-20	11-12				
		IM	21-22	13-14				
		MRP	23-24	15-16				
		P/R	25-26	17-18				
		A/R	27-28	19-20				
		S/A	29-30	21-22				
		SYSTEM	31-32	23-24				

Menu Description (APPDSK)

DISK FILE LAYOUT						
FULL FILE NAME -	MENU DESCRIPTION	DESCRIPTION -		CONTAINS DESCRIPTIONS FOR APPLICATION MENU OPTIONS. THIS FILE IS NOT RESIDENT ON THE SYSTEM. IT IS LOADED FROM DISKETTE WHEN DESCRIPTIONS ARE SELECTED FOR THE APPLICATION LOG LISTING.		
SYSTEM FILE NAME -	APPDSC					
FILE ORGANIZATION -	INDEXED BY APCOD,MNVNO					
RECORD LENGTH -	64					
KEY LENGTH -	5	KEY START -	1			
RECORD TYPE -	01					
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
APPLICATION DESIGNATOR	1	A = A/P B = OE&I C = PCC D = DCSS E = PDM G = G/L I = IM M = MRP P = P/R R = A/R S = S/A	A	1 1		APCOD
MENU AND OPTION NUMBER	4	LAST TWO CHARACTERS OF MENU NAME PLUS 2-DIGIT OPTION NUMBER. 00-24. OPTION 00 = MENU TITLE.	A	2 5		MNUNO
OPTION DESCRIPTION	59		A	6 64		OPTDS

Application Log (APPLOG)

DISK FILE LAYOUT						
FULL FILE NAME -	APPLICATION LOG	DESCRIPTION -		THIS FILE IS USED AS INPUT TO A HISTORY LISTING OF THE APPLICATION JOBS SELECTED TO BE RUN. IT CONTAINS ONE ENTRY FOR EACH JOB SELECTED EXCEPT CROSS APPLICATION SUPPORT JOBS AND SOME APPLICATION INQUIRIES. ALL ENTRIES ARE REMOVED WHEN MASTER FILE SAVE IS PERFORMED.		
SYSTEM FILE NAME -	APPLOG					
FILE ORGANIZATION -	SEQUENTIAL					
RECORD LENGTH -	17					
KEY LENGTH -						
RECORD TYPE -	01					
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
APPLICATION DESIGNATOR	1	A = A/P B = OE&I C = PCC D = DCSS E = PDM G = G/L I = IM M = MRP P = P/R R = A/R S = S/A	A	1 1		APCOD
MENU AND OPTION NUMBER	4	LAST TWO CHARACTERS OF MENU NAME PLUS 2-DIGIT OPTION NUMBER. 00-24. OPTION 00 = MENU TITLE.	A	2 5		MNUNO
MENU NAME & OPTION NUMBER	4		A	2 5		PMENU
RUN DATE & TIME	13	POSITIONS 1- 6 = DATE IN YMD FORMAT. POSITIONS 8-13 = TIME.	P	6 12	0	DATIM
WORK STATION ID	2		A	13 14		WKSID
WORKSTATION ID	2		A	13 14		WRKID
OPERATOR ID	3		A	15 17		USRID

Critical Procedure Work (CPWORK)

DISK FILE LAYOUT						
FULL FILE NAME -	CRITICAL PROCEDURE WORK	DESCRIPTION -	SCRATCH FILE TO KEEP TRACK OF WHICH APPLICATIONS USE A PARTICULAR PROCEDURE AND HOW MANY BLOCKS IT REQUIRES. USED DURING INSTALL/TAILOR.			
SYSTEM FILE NAME -	CPWORK					
FILE ORGANIZATION -	INDEXED BY PRCA					
RECORD LENGTH -	16					
KEY LENGTH -	3	KEY START -	1			
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
F/S PROCEDURE NAME	8		A	1 8		PRCA
J FILES BLOCK REQUIREMENT	5		B	9 11	0	JBLKS
CRITICAL BLOCK REQUIREMENT	5		B	12 14	0	CLKS
F/S WHERE USED INDICATOR - 1	1		A	15 15		APR1
F/S WHERE USED INDICATOR - 2	1		A	16 16		APR2

System Control Diskette Resident (DSKCTL)

DISK FILE LAYOUT						
FULL FILE NAME -	SYSTEM CONTROL DISKETTE RESIDENT	DESCRIPTION -	DISKETTE RESIDENT SYSCTL FILE FOR A. APPLICATION. DSKCTL HAS THE SAME RECORD FORMATS AS SYSCTL.			
SYSTEM FILE NAME -	DSKCTL					
FILE ORGANIZATION -	INDEXED BY SCKEY					
RECORD LENGTH -	128					
KEY LENGTH -	6	KEY START -	3			
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
THIS FILE IS AN IMAGE OF SYSCTL						

Diskette Resident Application Questionnaire (DSKSIZ)

DISK FILE LAYOUT						
FULL FILE NAME -	DISKETTE RESIDENT APP QUESTIONNAIRE	DESCRIPTION -	SAME AS SIZQST			
SYSTEM FILE NAME -	DSKSIZ					
FILE ORGANIZATION -	INDEXED BY RECNR					
RECORD LENGTH -	128					
KEY LENGTH -	5	KEY START -	3			
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
THIS FILE IS AN IMAGE OF SIZQST						

OCL Creation Work (OCLINP)

DISK FILE LAYOUT							
FULL FILE NAME -	OCL CREATION WORK	DESCRIPTION -	A WORK FILE. OCL STATEMENTS ARE WRITTEN INTO THIS FILE BY ONE OF SEVERAL OF THE INSTALL/TAILOR PROGRAMS. THE STATEMENTS ARE THEN CATALOGED INTO ONE OF THE LIBRARIES FOR LATER EXECUTION. FOLLOWING TOLIBR, THE FILE IS DELETED.				
SYSTEM FILE NAME -	OCLINP						
FILE ORGANIZATION -	SEQUENTIAL						
RECORD LENGTH -	64						
KEY LENGTH -							
RECORD TYPE -	CP1						
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME	
OCL STATEMENTS	64		A	1 64		OCLIN	

OCL Creation Work (OCLOUT)

DISK FILE LAYOUT							
FULL FILE NAME -	OCL CREATION WORK	DESCRIPTION -	A WORK FILE. OCL STATEMENTS ARE WRITTEN INTO THIS FILE BY ONE OF SEVERAL OF THE INSTALL/TAILOR PROGRAMS. THE STATEMENTS ARE THEN CATALOGED INTO ONE OF THE LIBRARIES FOR LATER EXECUTION. FOLLOWING TOLIBR, THE FILE IS DELETED.				
SYSTEM FILE NAME -	OCLOUT						
FILE ORGANIZATION -	SEQUENTIAL						
RECORD LENGTH -	64						
KEY LENGTH -							
RECORD TYPE -	CQ1						
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME	
OCL STATEMENTS	64		A	1 64		OCLOU	

Security Function Description (SECFIL)

DISK FILE LAYOUT							
FULL FILE NAME -	SECURITY FUNCTION DESCRIPTION	DESCRIPTION -	CONTAINS DESCRIPTIONS OF THE APPLICATION SECURITY FUNCTIONS. IT IS LOADED ONTO THE SYSTEM WHEN THE INSTALL/TAILOR LIBRARY IS CREATED AND IS DELETED WHEN INSTALL/TAILOR LIBRARY IS REMOVED.				
SYSTEM FILE NAME -	SECFIL						
FILE ORGANIZATION -	INDEXED BY POSITIONS 1-6						
RECORD LENGTH -	44						
KEY LENGTH -	3	KEY START -	1				
RECORD TYPE -	DA1						
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME	
APPLICATION CODE	1		A	1 1		APDESC	
FUNCTION NUMBER	2		N	2 3	0	APFNUM	
FUNCTION DESCRIPTION	40		A	4 43		FNCTN	

System Level Questionnaire (SIZQST)

DISK FILE LAYOUT							
FULL FILE NAME -	SYSLEVEL QUESTIONNAIRE FILE		DESCRIPTION -	THE QUESTIONNAIRE FILE USED BY THE INSTALL/TAILOR PROCEDURES TO PROMPT THE USER FOR DESIRED FUNCTION CONSTANT, REPORT, AND FILE SIZING OPTIONS. THIS FILE IS BUILT DURING THE INSTALL/TAILOR PROCEDURES BY MERGING APPLICATION QUESTIONNAIRES FROM ONE OR MORE APPLICATION INSTALL/TAILOR DISKETTES.			
SYSTEM FILE NAME -	SIZQST						
FILE ORGANIZATION -	INDEXED BY RECNR						
RECORD LENGTH -	128						
KEY LENGTH -	5	KEY START -	3				
RECORD TYPE -	Z1						
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
RECORD CODE	2	*Z1*	A	1	2		RCDCD
RECORD NUMBER	5	KEY	A	3	7		RLCNR
DESCRIPTION LINE 1	40		A	8	47		LINE1
DESCRIPTION LINE 2	40		A	48	87		LINE2
BLANK SCREEN	1	1. 1.0.	A	88	88		BLKSC
DD/END CHARACTER	1	D.E.	A	115	115		DDEND
ARRAY TESTED	1	A.	A	116	116		ARY
LOOP CONTROL	6		A	116	121		LOOPCL
INDEX FOR ARRAY TESTED	2	1-99.	N	117	118	0	INX
EQUAL. NOT EQUAL CODE	2	E0.NE	A	119	120		EQNE0
EXPECTED YES/NO VALUE	1	Y.N	A	121	121		YESNO
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED	A	128	128		ACREC

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM LEVEL QUESTIONNAIRE FILE DESCRIPTION - THE QUESTIONNAIRE FILE USED BY THE
SYSTEM FILE NAME - SIZEST INSTALL/TAILOR PROCEDURES TO PROMPT THE
FILE ORGANIZATION - INDEXED BY RECNR USER FOR DESIRED FUNCTION CONSTANT,
RECORD LENGTH - 128 REPORT, AND FILE SIZING OPTIONS. THIS
KEY LENGTH - 5 KEY START - 3 FILE IS BUILT DURING THE INSTALL/TAILOR
RECORD TYPE - Z2 PROCEDURES BY MERGING APPLICATION
APPLICATION INSTALL/TAILOR DISKETTES.

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	'Z2'	A	1 2		RCDCD
RECORD NUMBER	5	KEY	A	3 7		RECNR
DESCRIPTION LINE 3	40		A	8 47		LINE3
DESCRIPTION LINE 4	40		A	48 87		LINE4
BLANK SCREEN	1	1, 1.0.	A	88 88		BLKSC
ACTION DESIRED CONCERNING DEFAULT	1	P,A,0.	A	89 89		OPITD
ARRAY FOR KEYED VALUE	1	A,N,D	A	90 90		ARRAY
INDEX FOR ARRAY	2	1-99,1-20.	N	91 92	0	INDEX
LOW VALUE LIMIT	7		A	93 99		LSLIM
HIGH VALUE LIMIT	7		A	100 106		HSLIM
ALPHABETIC DEFAULT	1	Y,N.	A	107 107		DEF
NUMERIC DEFAULT	7		A	107 113		DEFLT
INDICATOR FOR BLDG LAST TWO POSITIONS	1	?, ?,A-Z,0-9	A	112 112		QUEST
NUMERIC ARRAY ELEMENT WHOSE VALUE SHOULD	2	01-99.	A	113 114		KYFLD
DO/END CHARACTER	1	D,E.	A	115 115		DBEND
ARRAY TESTED	1	A.	A	116 116		ARY
LOOP CONTROL	6		A	116 121		LOOPCL
INDEX FOR ARRAY TESTED	2	1-99.	N	117 118	0	INX

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM LEVEL QUESTIONNAIRE FILE
RECORD TYPE - Z2

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
EQUAL, NOT EQUAL CODE	2	L,O,N,E	A	119 120		EQNEQ
EXPECTED YES/NO VALUE	1	Y,N	A	121 121		YESNO
BUILD RECORD INDICATOR	1	B.	A	122 122		BUILD
STARTING POSITION IN CONJUNCTANTS FILE RECD	3	1-128	P	123 124	0	PLSN
PACKED FIELD INDICATOR	1	P.	A	125 125		PACKD
FIELD LENGTH	1	1-9.	F	126 126	0	LENLH
NUMERIC OR ALPHA INDICATOR	1	1,1-9.	A	127 127		DELTD
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED	A	128 128		ACTREC

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM LEVEL QUESTIONNAIRE FILE DESCRIPTION - THE QUESTIONNAIRE FILE USED BY THE INSTALL/TAILOR PROCEDURES TO PROMPT THE USER FOR DESIRED FUNCTION CONSTANTS, REPORT, AND FILE SIZING OPTIONS. THIS FILE IS BUILT DURING THE INSTALL/TAILOR PROCEDURES BY MERGING APPLICATION QUESTIONNAIRES FROM ONE OR MORE APPLICATION INSTALL/TAILOR DISKETTES.

SYSTEM FILE NAME - SIZ7ST

FILE ORGANIZATION - INDEXED BY RECNR

RECORD LENGTH - 128

KEY LENGTH - 5 KEY START - 3

RECORD TYPE - Z3

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
RECORD CODE	2	'Z3'	A	1	2		RCDCD
RECORD NUMBER	5	KEY	A	3	7		RCNCR
KEY	6		A	10	15		SECKLY
INDICATOR FOR BLDG LAST TWO POSITIONS	1	?, ?.A-Z,0-9	A	14	14		QUEST
NUMERIC ARRAY ELEMENT WHOSE VALUE SHOULD	2	01-99.	A	15	16		KYBLD
INSTALL TIME OPTION CODE	1	A-Z,0-9.	A	17	17		OPT4
ARRAY USED FOR CONSTANTS WORKFILE	1	A,N,D,B,P.	A	18	18		ONA
INDEX FOR ABOVE ARRAY	2	1-99.	N	19	20	0	INDEX
FIRST PARAMETER	4		A	21	24		PARM0
SIGN	1	+,./,*,.	A	25	25		SIGN.1
PARAMETER	4		A	26	29		PAR4.1
SIGN	1		A	30	30		SIGN.2
PARAMETER	4		A	31	34		PAR4.2
SIGN	1		A	35	35		SIGN.3
PARAMETER	4		A	36	39		PAR4.3
SIGN	1		A	40	40		SIGN.4
PARAMETER	4		A	41	44		PAR4.4
SIGN	1		A	45	45		SIGN.5
PARAMETER	4		A	46	49		PAR4.5

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM LEVEL QUESTIONNAIRE FILE

RECORD TYPE - Z3

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
SIGN	1		A	50	50		SIGN.6
PARAMETER	4		A	51	54		PARM.6
SIGN	1	+,./,*,.	A	55	55		SIGN.7
PARAMETER	4		A	56	59		PARM.7
DO/END CHARACTER	1	D,E.	A	115	115		DOEND
ARRAY TESTED	1	A.	A	116	116		ARY
LOOP CONTROL	6		A	116	121		LOOPCL
INDEX FOR ARRAY TESTED	2	1-99.	N	117	118	0	INX
EQUAL, NOT EQUAL CODE	2	E,Q,N,E	A	119	120		EUNEQ
EXPECTED YES/NO VALUE	1	Y,N	A	121	121		YESNO
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED	A	128	128		ACREC

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM LEVEL QUESTIONNAIRE FILE DESCRIPTION - THE QUESTIONNAIRE FILE USED BY THE
 INSTALL/TAILOR PROCEDURES TO PROMPT THE
 SYSTEM FILE NAME - S17.ST USER FOR DESIRED FUNCTION CONSTANT,
 REPORT, AND FILE SIZING OPTIONS. THIS
 FILE ORGANIZATION - INDEXED BY RECNR FILE IS BUILT DURING THE INSTALL/TAILOR
 PROCEDURES BY MERGING APPLICATION
 RECORD LENGTH - 128 QUESTIONNAIRES FROM ONE OR MORE
 APPLICATION INSTALL/TAILOR DISK TTFS.
 KEY LENGTH - 5 KEY START - 3
 RECORD TYPE - Z4

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	*Z4*	A	1	2	RCOCD
RECORD NUMBER	5	KEY	A	3	7	RCNR
DD/END CHARACTER	1	D,E*	A	115	115	DDEND
ARRAY TESTED	1	A*	A	116	116	ARY
LOOP CONTROL	6		A	116	121	LOOPCL
INDEX FOR ARRAY TESTED	2	1-99*	A	117	118	0 INX
EQUAL, NOT EQUAL CODE	2	EQ,NE	A	119	120	EQNEQ
EXPECTED YES/NO VALUE	1	Y,N	A	121	121	YLSNO
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED	A	124	124	ACRCD

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM LEVEL QUESTIONNAIRE FILE DESCRIPTION - THE QUESTIONNAIRE FILE USED BY THE
 INSTALL/TAILOR PROCEDURES TO PROMPT THE
 SYSTEM FILE NAME - S17.ST USER FOR DESIRED FUNCTION CONSTANT,
 REPORT, AND FILE SIZING OPTIONS. THIS
 FILE ORGANIZATION - INDEXED BY RECNR FILE IS BUILT DURING THE INSTALL/TAILOR
 PROCEDURES BY MERGING APPLICATION
 RECORD LENGTH - 128 QUESTIONNAIRES FROM ONE OR MORE
 APPLICATION INSTALL/TAILOR DISKTTFS.
 KEY LENGTH - 5 KEY START - 3
 RECORD TYPE - Z5

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	*Z5*	A	1	2	RCOCD
RECORD NUMBER	5	KEY	A	3	7	RCNR
TYPE OF HEADING	1	D,R*	A	3	8	THEAD
REPORT HEADING	65		A	10	74	RHEAD
DD/END CHARACTER	1	D,E*	A	115	115	DDEND
ARRAY TESTED	1	A*	A	116	116	ARY
LOOP CONTROL	6		A	116	121	LOOPCL
INDEX FOR ARRAY TESTED	2	1-99*	A	117	118	0 INX
EQUAL, NOT EQUAL CODE	2	EQ,NE	A	119	120	EQNEQ
EXPECTED YES/NO VALUE	1	Y,N	A	121	121	YLSNO
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED	A	124	124	ACRCD

DISK FILE LAYOUT							
FULL FILE NAME =	SYSTEM LEVEL QUESTIONNAIRE FILE	DESCRIPTION =	THE QUESTIONNAIRE FILE USED BY THE INSTALL/TAILOR PROCEDURES TO PROMPT THE USER FOR DESIRED FUNCTION CONSTANT, REPORT, AND FILE SIZING OPTIONS. THIS FILE IS BUILT DURING THE INSTALL/TAILOR PROCEDURES BY MERGING APPLICATION QUESTIONNAIRES FROM ONE OR MORE APPLICATION INSTALL/TAILOR DISKETTES.				
SYSTEM FILE NAME =	SIZLIST						
FILE ORGANIZATION =	INDEXED BY RECORD						
RECORD LENGTH =	129						
KEY LENGTH =	5	KEY START =	3				
RECORD TYPE =	Z6						
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
RECORD CODE	2	'Z6'	A	1	2		RECORD
RECORD NUMBER	5	KEY	A	3	7		RECORD
SKIP: SPACE AFTER CODE	1	+1+2+3+E	A	5	5		SKIPSP
REPORT DESCRIPTION	65		A	10	74		REPORT
OO/END CHARACTER	1	O+E.	A	115	115		OOEND
ARRAY TESTED	1	A.	A	116	116		ARRAY
LOOP CONTROL	6		A	116	121		LOOPCL
INDEX FOR ARRAY TESTED	2	1-99.	A	117	118	0	INDEX
EQUAL: NOT EQUAL CODE	2	EQ,NE	A	119	120		EQUAL
EXPECTED YES/NO VALUE	1	Y.N.	A	121	121		YESNO
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED	A	126	126		ACTIVE

System Control (SYSCTL)

DISK FILE LAYOUT						
FULL FILE NAME -	SYSTEM CONTROL	DESCRIPTION -	FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.			
SYSTEM FILE NAME -	SYSCTL					
FILE ORGANIZATION -	INDEXED BY SCKEY					
RECORD LENGTH -	128					
KEY LENGTH -	6	KEY START -	3			
RECORD TYPE -	AA	DCOPTS -	OPTIONS RECORD			
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS FIELD NAME
RECORD CODE	2	'AA'	A	1	2	RCDCD
KEY	6	'DCOPTS'	A	3	8	SCKEY
NUMBER OF CONTROLLERS	1	1,2,3	N	9	9	0 NUMCN
TELEPROCESSING ID	15		A	10	24	CTPID
TP SWITCHED LINE INDICATOR	1	0 = SWITCHED 1 = LEASED LINE	N	25	25	0 DTPSW
TIME AND ATTENDANCE RECORDS	1	0 = NO 1 = YES	N	26	26	0 DTAUP
LABOR RECORDS SUPPORTED	1	0 = NO 1 = YES	N	27	27	0 DJBUP
LABOR-ON RECORDS SUPPORTED	1	0 = NO 1 = YES	N	28	28	0 DJBON
PAY BASIS	1	0 = PAY BY JOB 1 = PAY BY TA	N	29	29	0 DBASE
TIME AND ATTENDANCE LUNCH EXTRACT	1	0 = NO 1 = YES	N	30	30	0 DTALH
VARIANCE ALLOWED	1	0 = NO 1 = YES	N	31	31	0 DVARO
VARIANCE LIMIT	3	THOUSANDTHS OF AN HOUR	N	32	34	0 DVART
DEPARTMENT-PAID BREAK	4		A	35	38	DDPTE
WORK CENTER-PAID BREAK	5		A	39	43	DWKCE
DEPARTMENT-VARIANCE	4		A	44	47	DDPTV
WORKCENTER-VARIANCE	5		A	48	52	DWKCV
AUDIT TOTALS PRINT OPTION	1	0,1	N	100	100	0 DAUDT
TURNAROUND EDIT PRINT OPTION	1	0,1	N	101	101	0 DTNED
TRANSACTION LOG PRINT OPTION	1	0,1,2=MU,5	N	102	102	0 DTLOG
MATERIAL AUDIT PRINT OPTION	1	0,1,5	N	103	103	0 DMATL
RECORD EXPANSION PRINT OPTION	1	0,1,5	N	104	104	0 DEXPN
LABOR EDIT PRINT OPTION	1	0,1	N	105	105	0 DLBED
LABOR REPORT PRINT OPTION	1	0,1,5	N	106	106	0 DLABR
BADGE MAINTENANCE PRINT OPTION	1	0,1	N	107	107	0 DSDGE
LABOR CORRECTIONS PRINT OPTION	1	0,1	N	108	108	0 DLBMT
TURNAROUND CORRECTION PRINT OPTION	1	0,1	N	109	109	0 DTNCR
TURNAROUND MAINTENANCE PRINT OPTION	1	0,1	N	110	110	0 DTNMT
DUPLICATE RECORD EDIT PRINT OPTION	1	0,1	N	111	111	0 DUPTP
BADGE LIST PRINT OPTION	1	1,5	N	112	112	0 DBGLT

DISK FILE LAYOUT						
FULL FILE NAME -	SYSTEM CONTROL	DESCRIPTION -	FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.			
SYSTEM FILE NAME -	SYSCTL					
FILE ORGANIZATION -	INDEXED BY SCKEY					
RECORD LENGTH -	128					
KEY LENGTH -	6	KEY START -	3			
RECORD TYPE -	AB	DCNTRL -	INTERFACE CONTROL RECORD			
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO POS	FIELD NAME
RECORD CODE	2	*AB*	A	1	2	PCDD
KEY	6	*DCNTRL*	A	3	8	SCKEY
TURNAROUND FILE SUPPORTED	1	0 = NO 1 = YES	N	9	9	DTURN
NEXT AVAILABLE TURNAROUND NUMBER	7		N	10	16	DTNAV
DEPARTMENT - TURNAROUND ERROR	4		A	24	27	DUPTT
WORKCENTER - TURNAROUND ERROR	5		A	28	32	DUKCT
NEXT AVAILABLE BATCH NUMBER	3	001-999	N	33	35	DBTCH
PAYROLL DAY ARRAY	14	(2 X 7)	N	36	49	PDY
PAYROLL CYCLE ARRAY	7	(1 X 7)	N	50	56	PCY
CURRENT ACCOUNTING PERIOD	2		N	57	58	CAPND
CALENDAR DAY ARRAY	42	6 X 7 (YYMMDD)	N	59	100	CDY
INTERFACE FILE OUTPUT CODE	1	0 = DISKETTE 1 = DISK	N	101	101	INTEC

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM CONTROL DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

SYSTEM FILE NAME - SYSCTL

FILE ORGANIZATION - INDEXED BY SCKEY

RECORD LENGTH - 128

KEY LENGTH - 6 KEY START - 3

RECORD TYPE - AC DLOOP* - LOOP CONTROL RECORD

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	*AC*	A	1 2		RCDCD
KEY	6	*DLOOP**	A	3 8		SCKEY
LOOP ID	1	A - L	A	8 8		LOOPI
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED	A	9 9		ACREC
STATION 1 - 4 ID	4	(4 X 1)	N	10 13	0	DSA
ENTRY STATION 1 ID	1	1-7	N	10 10	0	DSA,1
ENTRY STATION 2 ID	1		N	11 11	0	DSA,2
ENTRY STATION 3 ID	1		N	12 12	0	DSA,3
ENTRY STATION 4 ID	1		N	13 13	0	DSA,4
WAREHOUSE ID ARRAY	4	(4 X 1)	A	14 17		DWA
WAREHOUSE--STATION 1	1		A	14 14		DWA,1
WAREHOUSE--STATION 2	1		A	15 15		DWA,2
WAREHOUSE--STATION 3	1		A	16 16		DWA,3
WAREHOUSE--STATION 4	1		A	17 17		DWA,4
MATRIX CODES	64	(32 X 2)	N	18 81	0	DMA
MATRIX CODE STATION 1 KEY 1	2	01-99	N	18 19	0	DMA,1
MATRIX CODE STATION 1 KEY 2	2		N	20 21	0	DMA,2
MATRIX CODE STATION 1 KEY 3	2		N	22 23	0	DMA,3
MATRIX CODE STATION 1 KEY 4	2		N	24 25	0	DMA,4
MATRIX CODE STATION 1 KEY 5	2		N	26 27	0	DMA,5
MATRIX CODE STATION 1 KEY 6	2		N	28 29	0	DMA,6
MATRIX CODE STATION 1 KEY 7	2		N	30 31	0	DMA,7
MATRIX CODE STATION 1 KEY 8	2		N	32 33	0	DMA,8
MATRIX CODE STATION 2 KEY 1	2		N	34 35	0	DMA,9
MATRIX CODE STATION 2 KEY 2	2		N	36 37	0	DMA,10
MATRIX CODE STATION 2 KEY 3	2		N	38 39	0	DMA,11
MATRIX CODE STATION 2 KEY 4	2		N	40 41	0	DMA,12
MATRIX CODE STATION 2 KEY 5	2		N	42 43	0	DMA,13
MATRIX CODE STATION 2 KEY 6	2		N	44 45	0	DMA,14
MATRIX CODE STATION 2 KEY 7	2		N	46 47	0	DMA,15
MATRIX CODE STATION 2 KEY 8	2		N	48 49	0	DMA,16
MATRIX CODE STATION 3 KEY 1	2		N	50 51	0	DMA,17
MATRIX CODE STATION 3 KEY 2	2		N	52 53	0	DMA,18
MATRIX CODE STATION 3 KEY 3	2		N	54 55	0	DMA,19
MATRIX CODE STATION 3 KEY 4	2		N	56 57	0	DMA,20
MATRIX CODE STATION 3 KEY 5	2		N	58 59	0	DMA,21
MATRIX CODE STATION 3 KEY 6	2		N	60 61	0	DMA,22
MATRIX CODE STATION 3 KEY 7	2		N	62 63	0	DMA,23
MATRIX CODE STATION 3 KEY 8	2		N	64 65	0	DMA,24
MATRIX CODE STATION 4 KEY 1	2		N	66 67	0	DMA,25
MATRIX CODE STATION 4 KEY 2	2		N	68 69	0	DMA,26

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL
 RECORD TYPE - AC DLOOP# - LOOP CONTROL RECORD

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATON FROM	TO	DEC POS	FIELD NAME
MATRIX CODE STATION 4 KEY 3	2		N	70	71	0	DMA,27
MATRIX CODE STATION 4 KEY 4	2		N	72	73	0	DMA,28
MATRIX CODE STATION 4 KEY 5	2		N	74	75	0	DMA,29
MATRIX CODE STATION 4 KEY 6	2		N	76	77	0	DMA,30
MATRIX CODE STATION 4 KEY 7	2		N	78	79	0	DMA,31
MATRIX CODE STATION 4 KEY 8	2		N	80	81	0	DMA,32

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.
 SYSTEM FILE NAME - SYSCTL
 FILE ORGANIZATION - INDEXED BY SCKEY
 RECORD LENGTH - 128
 KEY LENGTH - 6 KEY START - 3
 RECORD TYPE - AD DRECNT - RECORD COUNTS

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
RECORD CODE	2	*AD*	A	1	2		RCDCD
KEY	6	*DRECNT*	A	3	8		SCKEY
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED	A	9	9		ACREC
NO. OF LABOR RECORDS	7		N	10	16	0	RCLAB
NO. OF MOVE RECORDS	7		N	17	23	0	RCMOV
NO. OF INVENTORY RECORDS	7		N	24	30	0	RCINV
NO. OF USER RECORDS	7		N	31	37	0	RCUSR
EARLY RECORD DATE IN DWK080	6	YYMM	N	38	43	0	EDT80
EARLY RECORD TIME IN DWK080	4	HHMM	N	44	47	0	ETM80
LATE RECORD DATE IN DWK080	6		N	48	53	0	LDT80
LATE RECORD TIME IN DWK080	4		N	54	57	0	LTM80
EARLY RECORD DATE IN DCSAVE	6		N	58	63	0	EDTSV
EARLY RECORD TIME IN DCSAVE	4		N	64	67	0	ETMSV
LATE RECORD DATE IN DCSAVE	6		N	68	73	0	LDTSV
LATE RECORD TIME IN DCSAVE	4		N	74	77	0	LTMSV
EARLY RECORD DATE IN EXCEPT	6		N	78	83	0	EDTEX
EARLY RECORD TIME IN EXCEPT	4		N	84	87	0	ETMEX
LATE RECORD DATE IN EXCEPT	6		N	88	93	0	LDTEX
LATE RECORD TIME IN EXCEPT	4		N	94	97	0	LTMEX

DISK FILE LAYOUT								
FULL FILE NAME -	SYSTEM CONTROL			DESCRIPTION -	FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.			
SYSTEM FILE NAME -	SYSCTL							
FILE ORGANIZATION -	INDEXED BY SCKEY							
RECORD LENGTH -	128							
KEY LENGTH -	6	KEY START -	3					
RECORD TYPE -	AE	DMCODE -	MATRIX CODE RECORD					
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS		DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
RECORD CODE	2	*AE*		A	1	2		RDCD
KEY	6	*DMCODE*		A	3	8		SCKEY
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED		A	9	9		ACREC
MATRIX CODE ARRAY	99	1 = DEFINED		N	10	108	0	DMC

DISK FILE LAYOUT								
FULL FILE NAME -	SYSTEM CONTROL			DESCRIPTION -	FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.			
SYSTEM FILE NAME -	SYSCTL							
FILE ORGANIZATION -	INDEXED BY SCKEY							
RECORD LENGTH -	128							
KEY LENGTH -	6	KEY START -	3					
RECORD TYPE -	AG	SHIFTS -	SHIFT DEFINITION RECORD					
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS		DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
RECORD CODE	2	*AG*		A	1	2		RDCD
KEY	6	*SHIFTS*		A	3	8		SCKEY
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED		A	9	9		ACREC
SHIFT SUPPORTED	99	1 = SUPPORTED 0 = NOT SUPPORTED		N	10	108	0	SHF

DISK FILE LAYOUT							
FULL FILE NAME -	SYSTEM CONTROL	DESCRIPTION -		FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.			
SYSTEM FILE NAME -	SYSCTL						
FILE ORGANIZATION -	INDEXED BY SCKEY						
RECORD LENGTH -	128						
KEY LENGTH -	6	KEY START -	3				
RECORD TYPE -	AK	MCDE** -	ACTION RECORD				
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS		DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	*AK*		A	1 2		RCOD
KEY	6	*MCDE**		A	3 8		SCKEY
MATRIX CODE	2	01 - 99		N	7 8 0		MCODE
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED		A	9 9		ACREC
TURNAROUND MEDIA CODE	1	BLANK = T/A(NO TURNAROUND) C = CARD D = DISK K = KEY FIELD		A	10 10		TUTYP
TRANSACTION CODE	2	01 = T/A-WITH LABOR 02 = T/A-WITHOUT LABOR 05 = USER RECOGNIZED ERROR 10 = PRODUCTION-ON 11 = SETUP-ON 12 = INDIRECT-ON 13 = SETUP-ON/OFF 14 = INDIRECT-ON/OFF 15 = PRODUCTION-OFF 16 = SETUP-OFF 17 = INDIRECT-OFF 20 = MOVE 30 = PRODUCTION ISSUE 31 = RETURN TO STOCK 37 = PICK COMPLETE 38 = PRODUCTION RECEIPT 39 = REWORK FROM STORES 40 = P.O. RECEIPT-DOCK 41 = P.O. RECEIPT-INSPECTION 42 = P.O. RECEIPT-STOCK 50 = MISC. ISSUE 51 = MISC. RECEIPT 57 = P.O. SCRAP 58 = MANUFACTURING SCRAP 59 = CANCEL INVENTORY TRANSACTION 99 = USER		N	11 12 0		TRCOE
KEYFIELD TYPE 1	1	A - D RESERVED E TURN AROUND NUMBER F ORDER NUMBER G OPERATIONS SEQUENCE NUMBER H WORK CENTER I ALTERNATE WORK CENTER J DEPARTMENT K ALTERNATE DEPARTMENT L QUANTITY COMPLETED, TRANSACTION QTY M SCRAP QUANTITY N NEXT LOCATION FOR MOVE O PAYROLL HOURS CODE P EMPLOYEE RATE USED Q COMPLETION CODE R LAST OPERATION SEQUENCE NUMBER S NEXT OPERATION SEQUENCE NUMBER T ITEM NUMBER V TRANSACTION AMOUNT W USER KEY FIELD1 X USER KEY FIELD2		A	13 13		KYTY1
KEYFIELD START 1	2			N	14 15 0		KYST1
KEYFIELD LENGTH 1	1			N	16 16 0		KYLG1
KEYFIELD TYPE 2	1			A	17 17		KYTY2
KEYFIELD START 2	2			N	18 19 0		KYST2
KEYFIELD LENGTH 2	1			N	20 20 0		KYLG2
KEYFIELD TYPE 3	1			A	21 21		KYTY3
KEYFIELD START 3	2			N	22 23 0		KYST3
KEYFIELD LENGTH 3	1			N	24 24 0		KYLG3
KEYFIELD TYPE 4	1			A	25 25		KYTY4

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL
 RECORD TYPE - AK MCDE** - ACTION RECORD

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
KEYFIELD START 4	2		N	26 27	0	KYST4
KEYFIELD LENGTH 4	1		N	28 28	0	KYLG4
KEYFIELD TYPE 5	1		A	29 29		KYTY5
KEYFIELD START 5	2		N	30 31	0	KYST5
KEYFIELD LENGTH 5	1		N	32 32	0	KYLG5
KEYFIELD TYPE 6	1		A	33 33		KYTY6
KEYFIELD START 6	2		N	34 35	0	KYST6
KEYFIELD LENGTH 6	1		N	36 36	0	KYLG6
CREW CLOCK ON	1	0 = NO 1 = YES	N	37 37	0	CREWS
SUPERVISOR KEY REQUIRED	1	0 = NO 1 = YES	A	38 38		SUPVK
NUMBER OF KEY FIELDS	1	1, 2, 3	N	39 39	0	NUMKF
MULTI-BADGE TRANSACTION	1	0 = NO 1 = YES	N	40 40	0	MBADG
MULTI-BADGE PROTECT	1	0 = NO 1 = YES	N	41 41	0	MBDGP
DATA CHECK CHARACTER	1		A	42 42		DCHKC
DATA CHECK POSITION	2	1-32	N	43 44	0	DCHKP
SINGLE BADGE CHECK CHARACTER	1		A	45 45		SBCKC
MULTIPLE BADGE CHECK CHARACTER	1		A	46 46		MBCKC
BADGE CHECK POSITION	2	1-17	A	47 48		BCHKP

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL
 SYSTEM FILE NAME - SYSCTL
 FILE ORGANIZATION - INDEXED BY SCKEY
 RECORD LENGTH - 128
 KEY LENGTH - 6 KEY START - 3
 RECORD TYPE - AQ DCLDA1 - LDA CHECKPOINT RECORD 1

DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	'AQ'	A	1 2		RCDCD
KEY	6	'DCLDA1'	A	3 8		SCKEY
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED	A	9 9		ACREC
LDA (1 - 100)	100		A	10 109		DLDA1

DISK FILE LAYOUT							
FULL FILE NAME -	SYSTEM CONTROL	DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.					
SYSTEM FILE NAME -	SYSCYL						
FILE ORGANIZATION -	INDEXED BY SCKEY						
RECORD LENGTH -	128						
KEY LENGTH -	6	KEY START -	3				
RECORD TYPE -	AR	DCLDA2- LDA CHECKPOINT RECORD 2					
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS		DATA FORMAT	LOCATION FROM	TO	DEC POS FIELD NAME
RECORD CODE	2	*AK*		A	1	2	RCDCD
KEY	6	*DCLDA2*		A	3	8	SCKEY
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED		A	9	9	ACREC
LDA (101 - 199)	99			A	10	108	DLDA2

DISK FILE LAYOUT							
FULL FILE NAME -	SYSTEM CONTROL	DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.					
SYSTEM FILE NAME -	SYSCYL						
FILE ORGANIZATION -	INDEXED BY SCKEY						
RECORD LENGTH -	128						
KEY LENGTH -	6	KEY START -	3				
RECORD TYPE -	AS	DCLDA3- LDA CHECKPOINT RECORD 3					
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS		DATA FORMAT	LOCATION FROM	TO	DEC POS FIELD NAME
RECORD CODE	2	*AS*		A	1	2	RCDCD
KEY	6	*DCLDA3*		A	3	8	SCKEY
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED		A	9	9	ACREC
LDA (200 - 256)	57			A	10	66	DLDA3

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

SYSTEM FILE NAME - SYSCTL

FILE ORGANIZATION - INDEXED BY SCKEY

RECORD LENGTH - 128

KEY LENGTH - 6 KEY START - 3

RECORD TYPE - AT TIME** -TIME RANGE, LUNCH, BREAK RECORD

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEF POS	FIELD NAME
RECORD CODE	2	*AT*	A	1 2		RCDCD
KEY	6	*TIME**	A	3 8		SCKEY
SHIFT WORKED	2	01-99	N	7 8 0		SHFTW
ACTIVE RECORD CODE	1	A = ACTIVE D = DELETED	A	9 9		ACREC
T/A TIME RANGES	60	(4 X 3 X (5P))	P	10 45 0		TAV
T/A SHIFT START EARLY	5	TIME IS IN HOURS AND THOUSANDTHS	P	10 12 0		TAV,1
T/A SHIFT START LATE	5		P	13 15 0		TAV,2
T/A SHIFT START NORMAL	5		P	16 18 0		TAV,3
T/A LUNCH OUT EARLY	5		P	19 21 0		TAV,4
T/A LUNCH OUT LATE	5		P	22 24 0		TAV,5
T/A LUNCH OUT NORMAL	5		P	25 27 0		TAV,6
T/A LUNCH IN EARLY	5		P	28 30 0		TAV,7
T/A LUNCH IN LATE	5		P	31 33 0		TAV,8
T/A LUNCH IN NORMAL	5		P	34 36 0		TAV,9
T/A SHIFT END EARLY	5		P	37 39 0		TAV,10
T/A SHIFT END LATE	5		P	40 42 0		TAV,11
T/A SHIFT END NORMAL	5		P	43 45 0		TAV,12
LABOR TIME RANGES	60	(4 X 3 X (5P))	P	46 81 0		JJV
LABOR SHIFT START EARLY	5		P	46 48 0		JJV,1
LABOR SHIFT START LATE	5		P	49 51 0		JJV,2
LABOR SHIFT START NORMAL	5		P	52 54 0		JJV,3
LABOR LUNCH OUT EARLY	5		P	55 57 0		JJV,4
LABOR LUNCH OUT LATE	5		P	58 60 0		JJV,5
LABOR LUNCH OUT NORMAL	5		P	61 63 0		JJV,6
LABOR LUNCH IN EARLY	5		P	64 66 0		JJV,7
LABOR LUNCH IN LATE	5		P	67 69 0		JJV,8
LABOR LUNCH IN NORMAL	5		P	70 72 0		JJV,9
LABOR SHIFT END EARLY	5		P	73 75 0		JJV,10
LABOR SHIFT END LATE	5		P	76 78 0		JJV,11
LABOR SHIFT END NORMAL	5		P	79 81 0		JJV,12
T/A LUNCH START	5		P	82 84 0		LCHST
T/A LUNCH END	5		P	85 87 0		LCHND
BREAK TYPE (5 X 1 A)	5	BLANK = NOT USED P = PAID N = NON-PAID	N	88 92 0		PNP
BREAK 1 TYPE	1		A	88 88		PNP,1
BREAK 2 TYPE	1		A	89 89		PNP,2
BREAK 3 TYPE	1		A	90 90		PNP,3
BREAK 4 TYPE	1		A	91 91		PNP,4
BREAK 5 TYPE	1		A	92 92		PNP,5
BREAKS ARRAY	30	(5P X START,END)	N	93 122 0		RRK
BREAK 1 START	5	TIME IS IN HOURS AND MINUTES	P	93 95 0		BRK,1

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL
 RECORD TYPE - AT TIME## -TIME RANGE, LUNCH, BREAK RECORD

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
BREAK 1 END	5		P	96 98	0	BRK,2
BREAK 2 START	5		P	99 101	0	BRK,3
BREAK 2 END	5		P	102 104	0	BRK,4
BREAK 3 START	5		P	105 107	0	BRK,5
BREAK 3 END	5		P	108 110	0	BRK,6
BREAK 4 START	5		P	111 113	0	BRK,7
BREAK 4 END	5		P	114 116	0	BRK,8
BREAK 5 START	5		P	117 119	0	BRK,9
BREAK 5 END	5		P	120 122	0	BRK,10
LENGTH OF SHIFT	5		P	123 125	0	LSHFT
MAXIMUM OVERTIME HOURS WORKED	5		P	126 128	0	MDTHW

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL
 SYSTEM FILE NAME - SYSCTL
 FILE ORGANIZATION - INDEXED BY SCKEY
 RECORD LENGTH - 128
 KEY LENGTH - 6 KEY START - 3
 RECORD TYPE - AZ - PERSONALIZATION DEFAULTS

DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	*AZ*	A	1 2		RCDCD
KEY	6	*DCDFLT*	A	3 8		SCKEY
PERSONALIZATION DEFAULT ARRAY	119	(17 X 7N)	A	9 127		DPR
MAXIMUM NUMBER OF TURNAROUND RECORDS	7		N	9 15	0	DPR,1
NUMBER OF EMPLOYEES	7		N	16 22	0	DPR,2
MAXIMUM NUMBER OF LABOR ACTIONS	7		N	23 29	0	DPR,3
MAXIMUM NUMBER OF LABOR TRANSACTIONS	7		N	30 36	0	DPR,4
MAXIMUM NUMBER OF SAVED LABOR ACTIONS	7		N	37 43	0	DPR,5
MAXIMUM NUMBER OF LABOR ERROR ACTIONS	7		N	44 50	0	DPR,6
MAXIMUM NUMBER OF INVENTORY ACTIONS	7		N	51 57	0	DPR,7
MAXIMUM NUMBER OF MOVE ACTIONS	7		N	58 64	0	DPR,8
MAXIMUM NUMBER OF USER ACTIONS	7		N	65 71	0	DPR,9

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM CONTROL DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

SYSTEM FILE NAME - SYSCTL

FILE ORGANIZATION - INDEXED BY SCKEY

RECORD LENGTH - 128

KEY LENGTH - 6 KEY START - 3

RECORD TYPE - CD FILE DEFINITION RECORD

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
RECORD CODE	2	'CD'	A	1	2		RDCD
KEY	6	FILE NAME	A	3	8		SCKEY
FIRST CHARACTER OF FILE LABEL	1	INDUSTRY DESIGNATOR OR ALTERNATE CHARACTER FOR DATA ENTRY FILES	A	9	9		FRSTC
SECOND CHARACTER OF FILE LABEL	1	'.'	A	10	10		SCNDC
MASTER FILE CAPACITY	7	# OF RECORDS	P	11	14	0	UCAPM
NUMBER OF MASTER FILE RECORDS	7	# OF RECORDS IN THE FILE	P	15	18	0	UCNTM
COUNT OF RECORDS TAGGED FOR DELETE	7		P	19	22	0	UDELN
CONTROL RECORD COUNT	7		P	23	26	0	UCTLM
MAXIMUM COUNT	7		P	27	30	0	UMAXM
REORGANIZATION REQUIRED	1	0,1, OR 2	V	31	31	0	REORG
NUMBER OF WS SEGMENTS	3		P	32	33	0	ISGNO
NUMBER OF RECORDS PER SEGMENT	5		P	34	36	0	ISGSZ
NUMBER OF DISKETTE ENTRY SEGMENTS	3		P	37	38	0	DSGNO
NUMBER OF RECORDS PER DISKETTE SEGMENT	5		P	39	41	0	DSGSZ
RECORD LENGTH	3		P	42	43	0	RECOL
KEY LENGTH	2		N	44	45	0	KEYLH
KEY STARTING POSITION	3		P	46	47	0	KEYST
DIRECT FILE CODE	1	0 = DIRECT FILE	A	48	48		DIRCT
BLOCKS REQUIRED	5		P	49	51	0	BLCKS
F/S FILE DEPENDENCY DEPENDENCY	6		A	52	57		CHAIN
F/S MULTIPLICATION FACTOR	5		P	58	60	3	MPXFC
REORG. PROCEDURE NAME	6		A	61	66		RPROC
MAINTENANCE/DATA ENTRY NUMBER	3		P	67	68	0	MBTCH
PREFERRED SPINDLE LOCATION	1	1 OR 2	N	69	69	0	LUCAT
FILE REBUILD INDICATOR	1		N	70	70	0	REBLD
ISGSZ SIZE PRIOR TO INSTALL/TAILOR RUN	3		P	71	72	0	ISGHS
DSGSZ SIZE PRIOR TO INSTALL/TAILOR RUN	3		P	73	74	0	DSGHS
REORGANIZATION REQUIRED BY RESIZING	1	BLANK = NOT REQUIRED X = REQUIRED	A	75	75		SZORG
SEGMENTS IN USE	3		P	81	82	0	SEGUS
ACTIVE W/S	2		N	83	84	0	ACTWS
VALUE PRIOR TO TAILORING RUN	7		P	85	88	0	UCAPH
REFORMAT FILE FLAG	1		N	89	89	0	REFMT
ACTIVE RECORD LIMIT	7		P	90	93	0	ULIMT
DESCRIPTION	27		A	94	120		DESCP
FILE STATUS BYTE	1		A	121	121		FILBT
F/S REORGANIZATION CODE	1		A	122	122		NDRRG
F/S FILE STATUS	1	I = INCREASED D = DECREASED M = MODIFIED	A	123	123		STATS
PRIORITY SEQUENCE FOR EXECUTION	1	1-9, A-Z	A	124	124		PRIOR
F/S SORT SEQUENCE	1		A	125	125		RSORT
F/S WHERE USED INDICATOR - 1	1		A	126	126		APBIT

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM CONTROL
 RECORD TYPE - CD FILE DEFINITION RECORD

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
F/S WHERE USED INDICATOR - 2	1		A	127	127	APBT2
F/S RECORD TYPE	1	P = "PERMANENT" MASTER FILE T = "TEMPORARY" FILE (NOT DATA ENTRY) J = "J" JOB LEVEL FILE Q = PERMANENT DATA ENTRY FILE R = TEMPORARY DATA ENTRY FILE S = RESERVE 'J' SPACE - DON'T CREATE FILE STATEMENT	A	128	128	OCODE

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM CONTROL
 SYSTEM FILE NAME - SYSCTL
 FILE ORGANIZATION - INDEXED BY SCKEY
 RECORD LENGTH - 128
 KEY LENGTH - 6 KEY START - 3
 RECORD TYPE - CE RECORD CODE

DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	'CE'	A	1	2	RCDCD
KEY	6		A	3	8	SCKEY
REVIEW RECORD DATA	120		A	9	128	RRECD

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL
 SYSTEM FILE NAME - SYSCTL
 FILE ORGANIZATION - INDEXED BY SCKEY
 RECORD LENGTH - 129
 KEY LENGTH - 6 KEY START - 3
 RECORD TYPE - CH

DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATON FROM	TO	DEC POS	FIELD NAME
RECORD CODE	2	'CH'	A	1	2		RCDCD
KEY	6	'WHOUSE'	A	3	8		SCKEY
MORE THAN ONE WARFHOUSE	1	0 = NO 1 = YES	V	9	9	0	MLTWH
FILLER	1		V	10	10	0	FILO1
CENTRAL WAREHOUSE	1		A	11	11		CTLWH
WAREHOUSE ARRAY	35		A	11	45		WHA
MRP PLANNING WAREHOUSE	1		A	46	46		MPLWH
CALENDAR FILE START DATE	6	IF 0 - FILE NOT CREATED	N	47	52	0	CFSDT
CALENDAR FILE END DATE	6	IF 0 - FILE NOT CREATED	N	53	58	0	CFEDT
WORK WEEK DAY ARRAY	7	ONE POSITION PER DAY	A	59	65		WDA
CALENDAR FILE MAINTENANCE FLAG	1	0 = NO CHANGE 1 = CHANGE	N	66	66	0	CFMFG
CALENDAR DAYS PER MONTH	2		N	67	68	0	CLDPM
CARRYING COST PERCENT	3		N	69	71	0	CARYF

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL
 RECORD TYPE - CX GLAPPR

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
INTERCOMPANY PAYABLE INDICATOR	1		N	108 108	0	IPIND
SPECIAL RUN CODE	1		N	109 109	0	SPRNC
REVERSAL INDICATOR	1		N	110 110	0	RVIND
PAYOFFS SELECTED	1		N	111 111	0	PAYOF
PROTECTED EMPLOYEES INCLUDED	1		N	112 112	0	PRTCD

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL
 SYSTEM FILE NAME - SYSTCL
 FILE ORGANIZATION - INDEXED BY SCKEY
 RECORD LENGTH - 128
 KEY LENGTH - 6 KEY START - 3
 RECORD TYPE - CY ACCTNN

DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	*CY*	A	1 2		RCOCD
KEY	6	A-Z,0-9(FOR SCKEY/SYSTCL/CY)	A	3 8		SCKEY
A/P ACCOUNT NUMBER	7	ACCOUNTS PAYABLE	P	9 12	0	GLAPN
A/P CASH-IN-BANK G/L ACCOUNT NUMBER	7		P	13 16	0	GLCSH
G/L DISCOUNT EARNED ACCOUNT NUMBER	7		P	17 20	0	GLDIS
EMPLOYER FICA EXPENSE	7	PAYROLL	P	41 44	0	ERFEX
FIT PAYABLE	7		P	45 48	0	GLFIT
PAYROLL CASH	7		P	49 52	0	GLPCS
EMPLOYER FICA PAYABLE	7		P	53 56	0	ERFIC
EMPLOYEE FICA PAYABLE	7		P	57 60	0	EEFIC
P/R INTERCOMPANY RECEIVABLE	7		P	61 64	0	PRARN
P/R INTERCOMPANY PAYABLE	7		P	65 68	0	PRAPN
UNION FRINGE BENEFITS EXPENSE	7		P	69 72	0	GLUFR
SHIFT DIFFERENTIAL EXPENSE	7		P	73 76	0	GLSFD
ACCRUED SALARY AND WAGES	7		P	77 80	0	PRACR

D I S K F I L E L A Y O U T

FULL FILE NAME -	SYSTEM CONTROL	DESCRIPTION -	FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.
SYSTEM FILE NAME -	SYSC TL		
FILE ORGANIZATION -	INDEXED BY SCKEY		
RECORD LENGTH -	128		
KEY LENGTH -	6	KEY START -	3
RECORD TYPE -	EA		

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
RECORD CODE	2	'EA'	A	1	2		RCDCD
KEY	6	'COSLOT' OR 'SIMLOT'	A	3	8		SCKEY
LABOR CODE ARRAY	10		A	19	28		ALC
LABOR CODE 1	1		N	19	19	0	ALC+01
LABOR CODE 2	1		N	20	20	0	ALC+02
LABOR CODE 3	1		N	21	21	0	ALC+03
LABOR CODE 4	1		N	22	22	0	ALC+04
LABOR CODE 5	1		N	23	23	0	ALC+05
LABOR CODE 6	1		N	24	24	0	ALC+06
LABOR CODE 7	1		N	25	25	0	ALC+07
LABOR CODE 8	1		N	26	26	0	ALC+08
LABOR CODE 9	1		N	27	27	0	ALC+09
LABOR CODE 10	1		N	28	28	0	ALC+10
LABOR RATE ARRAY	30		A	29	58		ALR
LABOR RATE 1	5		P	29	31	3	ALR+01
LABOR RATE 2	5		P	32	34	3	ALR+02
LABOR RATE 3	5		P	35	37	3	ALR+03
LABOR RATE 4	5		P	38	40	3	ALR+04
LABOR RATE 5	5		P	41	43	3	ALR+05
LABOR RATE 6	5		P	44	46	3	ALR+06
LABOR RATE 7	5		P	47	49	3	ALR+07
LABOR RATE 8	5		P	50	52	3	ALR+08
LABOR RATE 9	5		P	53	55	3	ALR+09
LABOR RATE 10	5		P	56	58	3	ALR+10
DATE LABOR ARRAY LAST MAINTAINED	6	YYMMDD	P	59	62	0	MDATL
CHANGED OVERHEAD INDEX 3	1		N	65	65	0	AUX+03
OVERHEAD CODE ARRAY	10		A	73	82		AOC
OVERHEAD CODE 1	1		N	73	73	0	AOC+01
OVERHEAD CODE 2	1		N	74	74	0	AOC+02
OVERHEAD CODE 4	1		N	76	76	0	AOC+04
OVERHEAD CODE 5	1		N	77	77	0	AOC+05
OVERHEAD CODE 6	1		N	78	78	0	AOC+06
OVERHEAD CODE 7	1		N	79	79	0	AOC+07
OVERHEAD CODE 8	1		N	80	80	0	AOC+08
OVERHEAD CODE 9	1		N	81	81	0	AOC+09
OVERHEAD CODE 10	1		N	82	82	0	AOC+10
OVERHEAD RATE/PERCENT ARRAY	30	'-' = PERCENT '+' = RATE	P	83	112	2	AOR
OVERHEAD RATE/PERCENT 1	5		P	83	85	2	AOR+01
OVERHEAD RATE/PERCENT 2	5		P	86	88	2	AOR+02
OVERHEAD RATE/PERCENT 3	5		P	89	91	2	AOR+03
OVERHEAD RATE/PERCENT 4	5		P	92	94	2	AOR+04

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM CONTROL
 RECORD TYPE - EA

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
OVERHEAD RATE/PERCENT 5	5		P	95 97	2	AOR,05
OVERHEAD RATE/PERCENT 6	5		P	98 100	2	AOR,06
OVERHEAD RATE/PERCENT 7	5		P	101 103	2	AOR,07
OVERHEAD RATE/PERCENT 8	5		P	104 106	2	AOR,08
OVERHEAD RATE/PERCENT 9	5		P	107 109	2	AOR,09
OVERHEAD ARRAY 10	5		P	110 112	2	AOR,10
DATE OVERHEAD ARRAY LAST MAINTAINED	6	YYMMDD	P	113 116	0	MDATO
RECORD USED INDICATOR	1	SIMULATION (SIMLOT) ONLY USE 0 = NOT INITIALIZED 1 = INITIALIZED	N	118 118	0	RUIND

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM CONTROL
 SYSTEM FILE NAME - SYSCTL
 FILE ORGANIZATION - INDEXED BY SCKEY
 RECORD LENGTH - 128
 KEY LENGTH - 6 KEY START - 3
 RECORD TYPE - EF

DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	'EF'	A	1 2		RCDCD
KEY	6	'FOTABL'	A	3 8		SCKEY
FEATURE/OPTIONS TEMPLATE	20		N	9 28	0	FOTEM
FEATURE 1 OPTION FIELD SIZE	1	'0','1', OR '2'	N	9 9	0	F01LN
FEATURE 2 OPTION FIELD SIZE	1	'0','1', OR '2'	N	10 10	0	F02LN
FEATURE 3 OPTION FIELD SIZE	1	'0','1', OR '2'	N	11 11	0	F03LN
FEATURE 4 OPTION FIELD SIZE	1	'0','1', OR '2'	N	12 12	0	F04LN
FEATURE 5 OPTION FIELD SIZE	1	'0','1', OR '2'	N	13 13	0	F05LN
FEATURE 6 OPTION FIELD SIZE	1	'0','1', OR '2'	N	14 14	0	F06LN
FEATURE 7 OPTION FIELD SIZE	1	'0','1', OR '2'	N	15 15	0	F07LN
FEATURE 8 OPTION FIELD SIZE	1	'0','1', OR '2'	N	16 16	0	F08LN
FEATURE 9 OPTION FIELD SIZE	1	'0','1', OR '2'	N	17 17	0	F09LN
FEATURE 10 OPTION FIELD SIZE	1	'0','1', OR '2'	N	18 18	0	F10LN
FEATURE 11 OPTION FIELD SIZE	1	'0','1', OR '2'	N	19 19	0	F11LN
FEATURE 12 OPTION FIELD SIZE	1	'0','1', OR '2'	N	20 20	0	F12LN
FEATURE 13 OPTION FIELD SIZE	1	'0','1', OR '2'	N	21 21	0	F13LN
FEATURE 14 OPTION FIELD SIZE	1	'0','1', OR '2'	N	22 22	0	F14LN
FEATURE 15 OPTION FIELD SIZE	1	'0','1', OR '2'	N	23 23	0	F15LN
FEATURE 16 OPTION FIELD SIZE	1	'0','1', OR '2'	N	24 24	0	F16LN
FEATURE 17 OPTION FIELD SIZE	1	'0','1', OR '2'	N	25 25	0	F17LN
FEATURE 18 OPTION FIELD SIZE	1	'0','1', OR '2'	N	26 26	0	F18LN
FEATURE 19 OPTION FIELD SIZE	1	'0','1', OR '2'	N	27 27	0	F19LN
FEATURE 20 OPTION FIELD SIZE	1	'0','1', OR '2'	N	28 28	0	F20LN

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

SYSTEM FILE NAME - SYSCTL

FILE ORGANIZATION - INDEXED BY SCKEY

RECORD LENGTH - 128

KEY LENGTH - 6 KEY START - 3

RECORD TYPE - IA

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	*IA*	A	1 2		RCOD
KEY	6	*AMBPR*	A	3 8		SCKEY
TERMINAL COUNT BENTER	2		N	9 10	0	TRCBE
TERMINAL COUNT BENTERI	2		N	11 12	0	TRCBI
TERMINAL COUNT BMAINT	2		N	13 14	0	TRCBM
TERMINAL COUNT BRELEASE	2		N	15 16	0	TRCBR
PICK LIST PRINT CODE	1	0 = NOT MANDATORY 1 = MANDATORY 2 = PRINTED	N	17 17	0	PIKPC
ACKNOWLEDGEMENT PRINT CODE	1	0 = NOT MANDATORY 1 = MANDATORY 2 = PRINTED	N	18 18	0	ACKPC
BILL OF LADING PRINT CODE	1	0 = NOT MANDATORY 1 = MANDATORY 2 = PRINTED	N	19 19	0	FLDPC
AUTOMATIC ORDER NUMBER	1		N	20 20	0	AUTOR
NEXT AVAILABLE ORDER	6		N	21 26	0	NAORD
AUTO CREDIT MEMO	1		N	27 27	0	SEPCM
NEXT AVAILABLE CREDIT MEMO	6		N	28 33	0	NACRM
NEXT AVAILABLE INVOICE	6		N	34 39	0	NAINV
G/L WORKSHEET	1		N	40 40	0	GEMMC
COMMISSION WORKSHEET	1		N	41 41	0	COMMC
TAX BODY DETAIL REPORT	1	1 = DETAIL 0 = SUMMARY	N	42 42	0	TAXPC
ENTRY TIME PRICING	1	1 = ENTRY TIME PRICING 0 = INVOICE TIME PRICING	N	43 43	0	ENTPR
INVOICE TYPE	1	1 = INVOICE TYPE 1 2 = INVOICE TYPE 2	N	44 44	0	INTYP
PREV BACKORDERS ON INVOICE	1	1 = PRINT ON INVOICE 0 = DON'T PRINT ON INVOICE	N	45 45	0	BOPRV
CROSSFOOT QUANTITIES	1	1 = CROSSFOOT 0 = DON'T CROSSFOOT	N	46 46	0	CROSS
SYSTEM DATE AS ORDER DATE	1	1 = YES 0 = NO	N	47 47	0	SYSDT
ORDER TYPE	1	1 = INDIVIDUAL ITEM RELAESE 2 = STANDARD ITEM RELAESE 3 = BLANKET ORDER RELEASE	N	48 48	0	OTYPE
SPECIAL CHARGE 3 TO S/A	1	1 = YES 0 = NO	N	49 49	0	SC3SA
INTERNAL ONLY PRINT	1	1 = YES 0 = NO	N	50 50	0	INPRT
PREV INVOICE NUMBER ON INVOICE	1	1 = YES 0 = NO	N	51 51	0	PREVI
FULLY 3.0. ITEMS ON INVOICE	1	1 = YES 0 = NO	N	52 52	0	BOFUL
WORKSTATION PRINTER SUPPORT	1	1 = WORKSTATION PRINTER SUPPORTED 0 = WORKSTATION PRINTER NOT SUPPORTED	N	53 53	0	WPRT
AVG. NO. LINE ITEMS PER CUST. ORDER	7		N	54 60	0	OMAXL
MAX. NO. ORDERS OPEN AT ONE TIME	7		N	61 67	0	OMAXO
MAX. NO. NEW ORDERS ENTERED PER MONTH	7		N	68 74	0	OMAXN
MAXIMUM NUMBER INVOICES PER DAY	7		N	75 81	0	IMAXD

DISK FILE LAYOUT							
FULL FILE NAME -		SYSTEM CONTROL					
RECORD TYPE -		IA					
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
MAXIMUM NUMBER INVOICES PER MONTH	7		N	82	88	0	IMAXM
BOOKING RECORD OPTION	1	0 = NO BOOKING RECORDS PLACED IN MTHACT FILE 1 = BOOKING RECORDS PLACED IN MTHACT FILE	N	89	89	0	BOKOP

DISK FILE LAYOUT							
FULL FILE NAME -		SYSTEM CONTROL		DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.			
SYSTEM FILE NAME -		SYSC TL					
FILE ORGANIZATION -		INDEXED BY SCKEY					
RECORD LENGTH -		128					
KEY LENGTH -		6		KEY START -		3	
RECORD TYPE -		IB					
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
RECORD CODE	2	*IB*	A	1	2		RCOCD
KEY	6	*AMBTM1*	A	3	8		SCKEY
TERMS PERCENT 1	5		P	9	11	3	TMP,1
TERMS PERCENT 2	5		P	12	14	3	TMP,2
TERMS PERCENT 3	5		P	15	17	3	TMP,3
TERMS PERCENT 4	5		P	18	20	3	TMP,4
TERMS PERCENT 5	5		P	21	23	3	TMP,5
TERMS DESCRIPTION 1	20		A	24	43		TMD,1
TERMS DESCRIPTION 2	20		A	44	63		TMD,2
TERMS DESCRIPTION 3	20		A	64	83		TMD,3
TERMS DESCRIPTION 4	20		A	84	103		TMD,4
TERMS DESCRIPTION 5	20		A	104	123		TMD,5

D I S K F I L E L A Y O U T

FULL FILE NAME -	SYSTEM CONTROL	DESCRIPTION -	FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.
SYSTEM FILE NAME -	SYSCTL		
FILE ORGANIZATION -	INDEXED BY SCKEY		
RECORD LENGTH -	128		
KEY LENGTH -	6	KEY START -	3
RECORD TYPE -	IE		

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	*IE*	A	1 2		RCDCD
KEY	6	*AMBWSP*	A	3 8		SCKEY
PICKING SLIPS W/S	2		A	9 10		WSP,01
BILL OF LADING W/S	2		A	11 12		WSP,02
OPTIONAL W/S PRT # 1	2		A	13 14		WSP,03
OPTIONAL W/S PRT # 2	2		A	15 16		WSP,04
OPTIONAL W/S PRT # 3	2		A	17 18		WSP,05
OPTIONAL W/S PRT # 4	2		A	19 20		WSP,06
OPTIONAL W/S PRT # 5	2		A	21 22		WSP,07
OPTIONAL W/S PRT # 6	2		A	23 24		WSP,08
OPTIONAL W/S PRT #7	2		A	25 26		WSP,09
OPTIONAL W/S PRT # 8	2		A	27 28		WSP,10
OPTIONAL W/S PRT # 9	2		A	29 30		WSP,11
OPTIONAL W/S PRT #10	2		A	31 32		WSP,12
OPTIONAL W/S PRT # 11	2		A	33 34		WSP,13
OPTIONAL W/S PRT # 12	2		A	35 36		WSP,14
OPTIONAL W/S PRT # 13	2		A	37 38		WSP,15
OPTIONAL W/S PRT # 14	2		A	39 40		WSP,16
OPTIONAL W/S PRT # 15	2		A	41 42		WSP,17
OPTIONAL W/S PRT # 16	2		A	43 44		WSP,18
OPTIONAL W/S PRT # 17	2		A	45 46		WSP,19
OPTIONAL W/S PRT # 18	2		A	47 48		WSP,20

DISK FILE LAYOUT							
FULL FILE NAME -	SYSTEM CONTROL	DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.					
SYSTEM FILE NAME -	SYSCTL						
FILE ORGANIZATION -	INDEXED BY SCKEY						
RECORD LENGTH -	128						
KEY LENGTH -	6	KEY START -	3				
RECORD TYPE -	MA	SCKEY =	STATIO				
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
RECORD CODE	2	*MA*	A	1	2		RCDCD
KEY	6	*STATIO*	A	3	8		SCKEY
NO. ACTIVE BUSINESS DAYS	3		N	10	12	0	ACDAY
CARRYING COST PERCENT	3		N	13	15	0	CARYF
COST DEVIATION PERCENT	3		N	16	18	1	DEVPT
COST OF PLACING AN ORDER	7		N	19	25	2	OCOST
REORDER TOLERANCE PERCENT	3		N	26	28	3	ROUTPT
INVENTORY AVERAGING FACTOR	2		N	29	30	2	Iavgf
COST CALCULATION METHOD FOR ACCT.	1	1 = STANDARD 2 = AVERAGE 3 = LAST	N	31	31	0	CSTCD
LIFO/FIFO SUPPORT	1	0 = NONE 1 = LIFO 2 = FIFO 3 = BOTH	N	32	32	0	LIFUM
OVERFLOW ON PRINTING OF COMPONENT EXPLO	1	0 = NO OVERFLOW 1 = OVERFLOW	N	33	33	0	FLOCF
MFG. ORDERS SHORTAGE REPORTS	1	1 = SHORTAGE BY ITEM 2 = SHORTAGE BY ORDER 3 = BOTH 4 = NONE	N	34	34	0	SHRPT
ORDER TRACKING OPTION FOR MFG. ORDERS	1	0 = NO 1 = YES	N	35	35	0	ORTKM
PRESS TRANS. IN BATCH MODE	1	0 = NO	N	36	36	0	INVTR

D I S K F I L E L A Y O U T

FULL FILE NAME = SYSTEM CONTROL
 RECORD TYPE = MA SCKEY = STATIO

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	SEC POS	FIELD NAME
		1 = YES				
ORDER TRACKING OPTION FOR PURCH. ORDERS	1	0 = NO 1 = YES	V	37 37	0	DTAP
PHY. INV. CYCLE ENT. SUPPL.	1	0 = NO 1 = YES	V	39 39	0	PHCS
PRINT ITEM DESCRIPTION # FOR MZO STATUS RPT	1	0 = NO 1 = YES	V	40 40	0	IPR.01
PRINT ITEM DESCRIPTION # FOR MZO STATUS RPT	1	0 = NO 1 = YES	V	41 41	0	IPR.01
PRINT COMPONENT EXCLUSION ON MZO STATUS	1	0 = NO 1 = YES	V	42 42	0	IPR.02
PRINT ITEM DESC IN REPORTS	1	0 = NO 1 = YES	V	43 43	0	IPR.03
PRINT QTY ON HAND IN PHY/CYCLE COUNT LST	1	0 = NO 1 = YES	V	44 44	0	IPR.04
DCSS TURN-AROUND FOR SHOP PKT MULT ORD	1	0 = NO 1 = YES	V	45 45	0	MTN01
DCSS REPORTING PLN'D ISSUED FOR MULT ORD	1	0 = NO 1 = YES	V	46 46	0	MTN02
DCSS TURN-AROUND FOR SHOP PKT INDV ORD	1	0 = NO 1 = YES	V	47 47	0	MTN03
DCSS REPORTING PLN'D ISSUED FOR INDV ORD	1	0 = NO 1 = YES	V	48 48	0	MTN04
PICKING LIST IN WAREHOUSE STOCKING LIC*N	1	0 = NO 1 = YES	V	49 49	0	MPL00
STP RUN DEFAULT OPTION	20		A	50 69		INA
ORDER RELEASE CUSTOMER SELECTION OPTION	1	1 = ALL ITEMS ON CUSTOMER ORDERS 2 = ONLY ITEMS WITH *S* NUMBERS	A	50 50		INA.01
PCH ORDER SEQ OPTIONS	1	1 = DUE DATE	A	51 51		INA.02

DISK FILE LAYOUT						
FULL FILE NAME - SYSTEM CONTROL						
RECORD TYPE - MA SCKEY = STATIJ						
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
		2 = PLANNER DUE DATE 3 = ITEM 4 = PLANNER/ITEM 5 = VENDOR/ORDER 6 = VENDOR/DUE DATE 7 = PLANNER/VENDOR/DUE DATE				
MFG ORDER SEQ OPTIONS	1	1 = DUE DATE 2 = PLANNER DUE DATE 3 = ITEM 4 = PLANNER/ITEM 5 = START DATE 6 = PLANNER/START DATE	A	52 52		IMA,03
PCH/MFG ORDER SEQ. OPTIO.	1	1 = DUE DATE 2 = PLANNER/DUE DATE 3 = ITEM 4 = PLANNER/ITEM	A	53 53		IMA,04
PURCH. ORDER ITEM PRINT OPTION	1	0 = NOT PRINT 1 = PRINT	A	54 54		IMA,05
MFG. ORDER ITEM PRINT OPTION	1	0 = NOT PRINT 1 = PRINT	A	55 55		IMA,05
MFG. ORDER COMP. EXP. PRI. OPTION	1	0 = NOT PRINT 1 = PRINT	A	56 56		IMA,07
ABC ANALYSIS CALC. OPTION	1	1 = COST 2 = PRICE	A	57 57		IMA,08
FINANCIAL ANALYSIS SEQ OPTION	1	1 = ITEM NUMBER 2 = VENDOR 3 = DATE OF LAST USE 4 = PROFIT AMOUNT 5 = PROFIT PERCENT 6 = ON HAND COST	A	58 58		IMA,09
STOCK MOVEMENT SEQ OPTION	1	1 = ITEM NUMBER 2 = VENDOR 3 = DATE OF LAST USE	A	59 59		IMA,10
REORDER SEQ. OPTION	1	1 = WAREHOUSE	A	60 60		IMA,11

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL
 RECORD TYPE - MA SCKEY = STATIO

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
		2 = VENDOR 3 = ITEM				
REORDER PRT OPTION	1	0 = NOT PRINT 1 = PRINT	A	61 61		IMA.12
STOCK STATUS REVIEW SEQUENCE	1	1 = ITEM 2 = CLASS 3 = VENDOR	A	62 62		IMA.13
STOCK STATUS PER/YR END SEQUENCE	1	1 = ITEM 2 = CLASS	A	63 63		IMA.14
REPORT SEQ OPTIONS LIFO/FIFO VALUATION	1	1 = WAREHOUSE 2 = ITEM 3 = ITEM TYPE 4 = ITEM CLASS	A	64 64		IMA.15
UNIT COST FOR LIFO/FIFO VALUATION REPORT	1	1 = STANDARD 2 = AVERAGE 3 = LAST	A	65 65		IMA.16
TOT. PHY./CYC. CNT. LIST OPTIONS	1	1 = ITEM 2 = WAREHOUSE 3 = STOCK LOCATION	A	66 66		IMA.17
QTY. ON-HAND PRT. CYC. CNT. LIST	1	0 = NOT PRINT 1 = PRINT	A	67 67		IMA.18
CYCLE PERIOD PER CYC. CNT. LIST	1	1 = MONTHLY 2 = QUARTERLY 3 = YEARLY 4 = ON DEMAND	A	68 68		IMA.19
OPEN ORDER MATERIAL FILE	1	0 = NO 1 = YES	N	70 70	0	DUMTF
PURCHASE OR MFG. ORDER TRACKING	1	0 = NO 1 = YES	N	71 71	0	PURMO
NBR OF PHYSICAL INV. INTERACTIVE BATCHES	3		N	100 102	0	NUPIB
NBR OF ORDER RELEASE INTERACTIVE BATCHES	3		N	103 105	0	NUORB
NBR OF RCDS IN ORDER RELEASE EXPNS* ^N WRK	7		N	106 112	0	NOORR

DISK FILE LAYOUT						
FULL FILE NAME -	SYSTEM CONTROL	DESCRIPTION -	FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.			
SYSTEM FILE NAME -	SYSCTL					
FILE ORGANIZATION -	INDEXED BY SCKEY					
RECORD LENGTH -	128					
KEY LENGTH -	6	KEY START -	3			
RECORD TYPE -	MB	SCKEY =	STAT11			
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS FIELD NAME
RECORD CODE	2	*MB*	A	1	2	RCDCD
KEY	6	*STAT11*	A	3	8	SCKEY
TRANS. EDITLIST REF. NO.	4		N	9	12	0 REFN1
TRANS. REGISTER REF. NO.	4		N	13	16	0 REFN2
ORDER RELEASE REF. NO.	4		N	17	20	0 REFN3
LAST SYS. GEN. ORDER NO.	6		N	21	26	0 LORNO
FILLER	3		A	27	29	FIL03
STOCK STATUS EXTRACT FLAGS	1	1 = PERIOD END 2 = YEAR END	N	30	30	0 CLSTP
STOCK STATUS EXTRACT DATE	6		N	31	36	0 SSXDT
PCH. ORDER CLOSE FLAG	1		N	37	37	0 OCPFG
MFG. ORDER CLOSE FLAG	1		N	38	38	0 OCMFG
LAST LIFO/FIFO VALUATION METHOD	1	1 = LIFO 2 = FIFO	N	39	39	0 VMLPL
DATE OF LAST LIFO/FIFO PURGE LIST	6	YYMMDD	N	40	45	0 DTLPL
TIME OF LAST LIFO/FIFO PURGE LIST	6	HMMSS	N	46	51	0 TMLPL
REPORT COUNT	2		N	52	53	0 RPCNT

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL
 RECORD TYPE - PC SCKEY = PCOPS1

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
		0=NO				
SHOP PACKET MULTIPLE WORK FIELDS	8		A	66 73		SPMW
MINIMUM PER OPERATION	2		N	66 67	0	SPMW,1
MAXIMUM PER OPERATION	2		N	68 69	0	SPMW,2
FILLER	2		A	75 76		FILR2
SHOP PACKET CREATE IND. ORDER OPTIONS	15		A	75 89		SPI
OPERATION DETAIL	1	1 = YES 0 = NO	A	77 77		SPI,3
WORKSHEETS	1	1 = YES 0 = NO	A	78 78		SPI,4
MATERIAL DETAIL	1	1 = YES 0 = NO	A	79 79		SPI,5
OPERATION DETAIL	1	1 = YES 0 = NO	A	80 80		SPI,6
MISCELLANEOUS DETAIL	1	1 = YES 0 = NO	A	81 81		SPI,7
STANDARD TIMES	1	1 = YES 0 = NO	A	82 82		SPI,8
STANDARD COSTS	1	1 = YES 0 = NO	A	83 83		SPI,9
ORDER TRACKING	1	1 = YES 0 = NO	A	84 84		SPI,10
PAPER LABOR TICKETS	1	1 = YES 0 = NO	A	85 85		SPI,11
PREPRINTED LABOR TICKETS	1	1 = YES 0 = NO	A	86 86		SPI,12
LABOR TICKETS FOR ALL OPERATIONS	1		A	87 87		SPI,13
FILLER	2		A	88 89		FIL02
SHOP PACKET INDIVIDUAL WORK	6		N	90 95	0	SPIW
NUMBER OF TICKETS	2		N	90 91	0	SPIW,1
FILLER	13		A	92 104		FIL13
DATE THIS RECORD LAST MAINTAINED	6	YYMMDD	N	122 127	0	MDATE

DISK FILE LAYOUT							
FULL FILE NAME -		SYSTEM CONTROL					
RECORD TYPE -		PD	PCOPS2				
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
ROUTING CURRENT VALUES UPDATE	1	1 = YES 0 = NO	A	96	96		OC,3
PRODUCTION REPORT	1	1 = YES 0 = NO	A	97	97		OC,4
ACCOUNTING REPORT	1	1 = YES 0 = NO	A	98	98		OC,5
MACHINE TOTALS TO PRINT	1	1 = YES 0 = NO	A	99	99		OC,6
OPERATION TOTALS BY OPERATION	1	1 = YES 0 = NO	A	100	100		OC,7
CURRENT PERIOD ANALYSIS REPORT	1	1 = YES 0 = NO	A	101	101		OC,8
CURRENT PERIOD CLEAR	1		A	102	102		OC,9
FILLER	6		A	103	108		FILO6
DATE THIS RECORD LAST MAINTAINED	6	YYMMDD	N	123	128	0	MDATE

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM CONTROL
 RECORD TYPE - QA

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
		1 = IN PROCESS				
QUESTIONNAIRE MRP PRINT	1	0 = NO PRINT 1 = PRINT	v	98 98	0	QUMRP
NET CHANGE PLANNING	1	0 = NO NET CHANGE PLANNING 1 = NET CHANGE PLANNING	v	99 99	0	NTCHG

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM CONTROL
 SYSTEM FILE NAME - SYSCTL
 FILE ORGANIZATION - INDEXED BY SCKEY
 RECORD LENGTH - 128
 KEY LENGTH - 6 KEY START - 3
 RECORD TYPE - QB

DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	*00*	A	1 2		RCDCD
KEY	6	*MRSECX* X = 1, 2, 3	A	3 8		SCKEY
PERIOD INTERVAL ARRAY	40	20 ELEMENTS EACH (3.0) PACKED	P	9 48	0	API
DATE INTERVAL ARRAY	80	20 ELEMENTS EACH (6.0)	P	49 128	0	DTF

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL
 SYSTEM FILE NAME - SYSCTL
 FILE ORGANIZATION - INDEXED BY SCKEY
 RECORD LENGTH - 128
 KEY LENGTH - 6 KEY START - 3
 RECORD TYPE - RA

DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	*RA*	A	1 2		RCDCD
KEY	6	*ARSECY*	A	3 8		SCKEY
OPEN ITEM PERCENT	3		N	9 11	0	OIPCT
BALANCE FORWARD PERCENT	3		N	12 14	0	BFPCT
POST TO GENERAL LEDGER	1	1 = YES 0 = NO	N	15 15	0	GLPOST
FILLER	1		N	16 16	0	FIL01
UNAPPLIED CASH TO AGE FOR OPEN ITEM	1	1 = AGE 0 = NO AGE	N	17 17	0	UNCSHA
FUTURE AGING	1	1 = YES 0 = NO	N	18 18	0	FUTAGE
FILLER	1		A	19 19		FIL012
AGE FOR SERVICE CHARGE CALCULATION	1	1, 2, 3, 4 INITIAL VALUE = 4 MAXIMUM VALUE = 4	N	20 20	0	DATCHG
MINIMUM SERVICE CHARGE	7		N	21 27	2	LTCGMN
MAXIMUM DAYS IN ACCOUNTING PERIOD	2	INITIAL VALUE = 35	N	28 29	0	DAYMAX
MINIMUM DAYS IN ACCOUNTING PERIOD	2	INITIAL VALUE = 25	N	30 31	0	DAYMIN
DELINQUENT AGE PERIOD	1	1, 2, 3, 4 INITIAL VALUE = 4 MAXIMUM VALUE = 4	N	32 32	0	DELINQ
GROSS PROFIT CALCULATION METHOD	1	1 = PERCENT OF SALES 2 = PERCENT OF COST	N	33 33	0	GPCALC
STATEMENT TYPE	1	1, 2, 3, 4 1=STATEMENT TYPE 1 2=STATEMENT TYPE 2	N	34 34	0	STMTYP
BATCH CONTROL	3		N	35 37	0	BCHND
FILLER	1		A	38 38		FIL013
UNLOAD OPTION	1	A = ALL P = PAID ITEM	A	39 39		UNLDO
RELOAD OPTION	1	A = ALL T = TOTALS	A	40 40		RELDO
FILLER	1		A	41 41		FIL014
FILLER	1		A	42 42		FIL015
FILLER	3		A	43 45		FIL03
ATB CONTROL	1	1 = ALL CUSTOMERS 2 = WITH BALANCES 3 = PAST DUE CUSTOMERS 4 = DELINQUENT CUSTOMERS 5 = SPECIFIC CUSTOMERS	N	46 46	0	ATBCL
LOW RANGE KEY	10	LOWEST KEY	N	47 56	0	LOWRG
HIGH RANGE KEY	10	HIGHEST KEY	N	57 66	0	HIRGE
REPORT TYPE	1	1 = ALL CUSTOMERS 2 = RANGE OF CUSTOMERS	N	67 67	0	ATBTY
MINIMUM BALANCE	7		N	68 74	0	MINBL
FILLER	2		A	75 76		FIL02
PRINT TYPE	1	1 = DETAIL 2 = SUMMARY 3 = SINGLE LINE	N	77 77	0	PRTTY
TIME CONTROL	1	1 = AS OF LAST STATEMENT 2 = AS OF NEXT STATEMENT 3 = SPECIFIC DATE	N	78 78	0	TIMCL

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM CONTROL
 RECORD TYPE - RA

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
		2 = AS OF NEXT STATEMENT				
STATEMENT CONTROL	1	1 = ALL UNPRINTED 2 = PAST DUE 3 = UNPRINTED DELINQUENT	N	79 79	0	STCTL
LOW RANGE KEY	10	LOWEST KEY	N	80 89	0	LOWKY
HIGH RANGE KEY	10	HIGHEST KEY	N	90 99	0	HIKEY
REPORT TYPE	1	1 = ALL 2 = RANGE	N	100 100	0	RPTTY
ZERO BALANCE CONTROL	1	1 = CURRENT ACTIVITY WITH ZERO BALANCE 2 = NO ZERO BALANCE PRINT	N	101 101	0	AGERO
FILLER	27		A	102 128		FIL27

DISK FILE LAYOUT

FULL FILE NAME - SYSTEM CONTROL
 SYSTEM FILE NAME - SYSCTL
 FILE ORGANIZATION - INDEXED BY SCKEY
 RECORD LENGTH - 128
 KEY LENGTH - 6 KEY START - 3
 RECORD TYPE - RB

DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	*RB*	A	1 2		RCOD
KEY	6	*AGDATE*	A	3 8		SCKEY
AGE DATE 1	6		N	9 14	0	AGDT1
AGE DATE 2	6		N	15 20	0	AGDT2
AGE DATE 3	6		N	21 26	0	AGDT3
AGE DATE 4	6		N	27 32	0	AGDT4
AGE DATE 5	6		N	33 38	0	AGDT5

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

SYSTEM FILE NAME - SYSCTL

FILE ORGANIZATION - INDEXED BY SCKEY

RECORD LENGTH - 128

KEY LENGTH - 6 KEY START - 3

RECORD TYPE - RC

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	*RC*	A	1 2		RCDCD
KEY	6	*MONMSG*	A	3 8		SCKEY
LINE 1 MESSAGE	38	LINE 1 MESSAGE	A	9 46		MONMGA
LINE 2 MESSAGE	38	LINE 2 MESSAGE	A	47 84		MONMGB
LINE 3 MESSAGE	38	LINE 3 MESSAGE	A	85 122		MONMGC

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

SYSTEM FILE NAME - SYSCTL

FILE ORGANIZATION - INDEXED BY SCKEY

RECORD LENGTH - 128

KEY LENGTH - 6 KEY START - 3

RECORD TYPE - RD

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME
RECORD CODE	2	*RD*	A	1 2		RCDCD
KEY	6	ARANXX XX = COMPANY NUMBER	A	3 8		SCKEY
GENERAL LEDGER ACCOUNT NUMBER	7		N	9 15	0	GLAND
CASH GENERAL LEDGER NUMBER	7		N	16 22	0	GLANC
DISCOUNT GENERAL LEDGER NUMBER	7		N	23 29	0	GLAND
ADJUSTMENT GENERAL LEDGER NUMBER	7		N	30 36	0	GLANA
WRITE-OFF ADJUSTMENT GENERAL LEDGER NO.	7		N	37 43	0	GLANW
SERVICE CHARGE GENERAL LEDGER NUMBER	7		N	44 50	0	GLANL
RECEIVABLES JOURNAL SEQUENCE NUMBER	2		N	51 52	0	RJSEQ

DISK FILE LAYOUT									
FULL FILE NAME -		SYSTEM CONTROL		DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.					
SYSTEM FILE NAME -		SYSCTL							
FILE ORGANIZATION -		INDEXED BY SCKEY							
RECORD LENGTH -		128							
KEY LENGTH -		6		KEY START -		3			
RECORD TYPE -		RX							
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME		
RECORD CODE	2	*RX*	A	1	2		RCDCD		
KEY	6	*ARSTAT*	A	3	8		SCKEY		
FILLER	1		N	9	9	0	FILE01		
AGE OF AR	3		N	10	12	0	ARAGE		
MONTHLY INVOICES	5		N	13	17	0	MOINV		
BATCH INVOICES/CRED.	5		N	18	22	0	BCINV		
MONTHLY ADJUSTMENTS	5		N	23	27	0	MOADJ		
BATCH CASH & ADJUSTMENTS	5		N	28	32	0	BCCSH		
NO. OF CUSTOMERS	7		N	33	39	0	NOCUS		
NO. OF ACCOUNTS	3		N	40	42	0	NOACT		
WORK STATION BATCHES	3		N	43	45	0	WSBCH		
DISKETTE BATCHES	3		N	46	48	0	DSBCH		
DISKETTE BATCH SIZE	5		N	49	53	0	DSKSZ		
SERVICE CHARGE RECORDS	7		N	54	60	0	SVCRC		
QUEST. UNLOAD CODE	1	1 = ALL 2 = PAID ITEM PROOF	N	61	61	0	UNLCD		
QUEST. RELOAD CODE	1	1 = ALL 2 = TOTALS ONLY	N	62	62	0	RELCD		

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL DESCRIPTION - FOR EACH APPLICATION IT CONTAINS CONTROL INFORMATION GOVERNING FUNCTION, CONSTANT INFORMATION, REPORT OPTIONS, AND FILE SIZING INFORMATION. THE FILE ALSO CONTAINS RECORDS WHICH PROVIDE COMMON INTERFACES BETWEEN MULTIPLE APPLICATIONS.

SYSTEM FILE NAME - SYSCTL

FILE ORGANIZATION - INDEXED BY SCKEY

RECORD LENGTH - 128

KEY LENGTH - 6 KEY START - 3

RECORD TYPE - XC XMREPT

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
RECORD CODE	2	*XC*	A	1	2		RCDCD
KEY	6	*XMREPT*	A	3	8		SCKEY
INSTALLED APPLICATION CHAR. DESIGNATION	1	*P*	A	12	12		API01
INSTALLED APPLICATION CHAR. DESIGNATION	1	*A*	A	13	13		API02
INSTALLED APPLICATION CHAR. DESIGNATION	1	*G*	A	14	14		API03
INSTALLED APPLICATION CHAR. DESIGNATION	1	*R*	A	15	15		API04
INSTALLED APPLICATION CHAR. DESIGNATION	1	*C*	A	16	16		API05
INSTALLED APPLICATION CHAR. DESIGNATION	1	*B*	A	17	17		API06
INSTALLED APPLICATION CHAR. DESIGNATION	1	*I*	A	18	18		API07
INSTALLED APPLICATION CHAR. DESIGNATION	1	*S*	A	19	19		API08
INSTALLED APPLICATION CHAR. DESIGNATION	1	*E*	A	20	20		API09
INSTALLED APPLICATION CHAR. DESIGNATION	1	*D*	A	21	21		API10
INSTALLED APPLICATION CHAR. DESIGNATION	1	*M*	A	22	22		API11
INSTALLED APPLICATION CHAR. DESIGNATION	1		A	23	23		API12
INSTALLED APPLICATION CHAR. DESIGNATION	1		A	24	24		API13
INSTALLED APPLICATION CHAR. DESIGNATION	1		A	25	25		API14
# OF CURRENT UNRESTARTABLE W/S JOBS	3		N	28	30	0	UPDAT
REUSE DATA ENTRY SEGMENTS	1	1 = YES, 0 = NO	N	31	31	0	REUSE
MULTICOMPANY INDICATOR	1	0 = NO, 1 = YES	N	32	32	0	CUIND

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL
 RECORD TYPE - XC XPREPT

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEF POS	FIELD NAME
FISCAL PERIOD INDICATOR	1	0 = 12 MONTHS 1 = 13 PERIODS	N	33 33	0	FJCPR
REPORT DATE FORMAT	1	1 = MDY 2 = DMY 3 = YMD	N	34 34	0	DTFMT
DATE VALIDATION CODE	1	0 BLANK = DO NOT EDIT DATE FIELD 1 = EDIT DATE FIELD	A	35 35		IFLAG
MAGAZINE SUPPORT CODE	1	0 = SINGLE DISKETTE SUPPORT 1 = DISKETTE MAGAZINE SUPPORT	A	36 36		MAGCD
CONTROL FIELD 1	1		A	38 38		ZCTL1
CONTROL FIELD 2	1		A	39 39		ZCTL2
INTERFACE INDICATORS	1	0 = NO INTERFACE DESIRED 1 = INTERFACE DESIRED 2 = INTERFACE ACTIVATED	N	40 40	0	PHGLI
INTERFACE INDICATOR	1		N	41 41	0	APGLI
INTERFACE INDICATOR	1		N	42 42	0	ASGLI
INTERFACE INDICATOR	1		N	43 43	0	APPLI
INTERFACE INDICATOR	1		N	44 44	0	DPDCI
INTERFACE INDICATOR	1		N	45 45	0	DLPCI
INTERFACE INDICATOR	1		N	46 46	0	ILPCI
INTERFACE INDICATOR	1		N	47 47	0	LDPCI
INTERFACE INDICATOR	1		N	48 48	0	ISAI
INTERFACE INDICATOR	1	0 = INTERFACE WAS NOT SELECTED	N	49 49	0	IPRII
INTERFACE INDICATOR	1		N	51 51	0	IFDI
INTERFACE INDICATOR	1		N	54 54	0	FRBIT
INTERFACE INDICATOR	1		N	55 55	0	HRBIT

DISK FILE LAYOUT							
FULL FILE NAME =		SYSTEM CONTROL					
RECORD TYPE =		XC X-REPT					
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
INTERFACE INDICATOR	1		X	56	56	0	BISAI
INTERFACE INDICATOR	1		X	57	57	0	BIAR1
INTERFACE INDICATOR	1		X	58	58	0	BISAI
INTERFACE INDICATOR	1		X	59	59	0	BIDCI
INTERFACE INDICATOR	1		X	60	60	0	BIDCI
INTERFACE INDICATOR	1		X	61	61	0	BIDAI
INTERFACE INDICATOR	1		X	62	62	0	BIDAI
INTERFACE INDICATOR	1		X	63	63	0	BIDAI
INTERFACE INDICATOR	1		X	64	64	0	BIDAI
INTERFACE INDICATOR	1		X	65	65	0	BIDAI
INTERFACE INDICATOR	1		X	66	66	0	BIDCI
INTERFACE INDICATOR	1		X	67	67	0	BIDCI
QUESTIONNAIRE HEADING SUPPRESSION	1		A	70	70		HSPH5
INTERNAL INTERFACE FLAG	1		A	71	71		AIXX1
INTERNAL INTERFACE FLAG	1		A	72	72		AIXX2
INTERNAL INTERFACE FLAG	1		A	73	73		AIXX3
INTERNAL INTERFACE FLAG	1		A	74	74		AIXX1
INTERNAL INTERFACE FLAG	1		A	75	75		AIXX2
INTERNAL INTERFACE FLAG	1		A	76	76		AIXX3
INTERNAL INTERFACE FLAG	1		A	77	77		BIXX1
INTERNAL INTERFACE FLAG	1		A	78	78		BIXX2
INTERNAL INTERFACE FLAG	1		A	79	79		BIXX3

D I S K F I L E L A Y O U T

FULL FILE NAME - SYSTEM CONTROL

RECORD TYPE - XC XMREPT

FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD CLASS
INTERNAL INTERFACE FLAG	1		A	80 80		DLXX1
INTERNAL INTERFACE FLAG	1		A	81 81		DLXX2
INTERNAL INTERFACE FLAG	1		A	82 82		DLXX3
INTERNAL INTERFACE FLAG	1		A	86 86		GLXX1
INTERNAL INTERFACE FLAG	1		A	87 87		GLXX2
INTERNAL INTERFACE FLAG	1		A	88 88		GLXX3
INTERNAL INTERFACE FLAG	1		A	89 89		ILXX1
INTERNAL INTERFACE FLAG	1		A	90 90		ILXX2
INTERNAL INTERFACE FLAG	1		A	91 91		ILXX3
INTERNAL INTERFACE FLAG	1		A	92 92		MLXX1
INTERNAL INTERFACE FLAG	1		A	93 93		MLXX2
INTERNAL INTERFACE FLAG	1		A	94 94		MLXX3
INTERNAL INTERFACE FLAG	1		A	95 95		PLXX1
INTERNAL INTERFACE FLAG	1		A	96 96		PLXX2
INTERNAL INTERFACE FLAG	1		A	97 97		PLXX3
INTERNAL INTERFACE FLAG	1		A	98 98		PLXX1
INTERNAL INTERFACE FLAG	1		A	99 99		PLXX2
INTERNAL INTERFACE FLAG	1		A	100 100		PLXX3
INTERNAL INTERFACE FLAG	1		A	101 101		SAXX1
INTERNAL INTERFACE FLAG	1		A	102 102		SAXX2
INTERNAL INTERFACE FLAG	1		A	103 103		SAXX3
CONSTANT FOR PLACING CTL RLCS IN DIR FLS	7		P	104 107	0	CYLSZ

DISK FILE LAYOUT							
FULL FILE NAME -		SYSTEM CONTROL					
RECORD TYPE -		XC	X4REPT				
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM	TO	DEC POS	FIELD NAME
INSTALLED APPLICATION INDICATOR	1	1 = INSTALLED 0 = UNINSTALLED	N	108	108	0	API01
INSTALLED APPLICATION INDICATOR	1		N	109	109	0	API02
INSTALLED APPLICATION INDICATOR	1		N	110	110	0	API03
INSTALLED APPLICATION INDICATOR	1		N	111	111	0	API04
INSTALLED APPLICATION INDICATOR	1		N	112	112	0	API05
INSTALLED APPLICATION INDICATOR	1		N	113	113	0	API06
INSTALLED APPLICATION INDICATOR	1		N	114	114	0	API07
INSTALLED APPLICATION INDICATOR	1		N	115	115	0	API08
INSTALLED APPLICATION INDICATOR	1		N	116	116	0	API09
INSTALLED APPLICATION INDICATOR	1		N	117	117	0	API10
INSTALLED APPLICATION INDICATOR	1		N	118	118	0	API11
INSTALLED APPLICATION INDICATOR	1		N	119	119	0	API12
INSTALLED APPLICATION INDICATOR	1		N	120	120	0	API13
INSTALLED APPLICATION INDICATOR	1		N	121	121	0	API14
F/S INSTALLED BIT PROFILE 1	1		A	122	122		H01T5
F/S INSTALLED BIT PROFILE 2	1		A	123	123		H01T2
FILE SIZE/INSTALL. CHANGE IND.	1		A	124	124		CHAGE
F/S SORT SEQUENCE	1		A	125	125		RSORT
F/S WHERE USED INDICATOR - 1	1		A	126	126		APRT1
F/S WHERE USED INDICATOR - 2	1		A	127	127		APRT2
F/S RECORD TYPE	1	**X*	A	128	128		DLUDE

System Lock (SYSLOK)

DISK FILE LAYOUT							
FULL FILE NAME -	SYSTEM LOCK			DESCRIPTION -	ACCESSING RECORD 1 IN THIS FILE IS USED TO PREVENT CONFLICTING ACTIONS IN DIFFERENT PROGRAMS FROM OCCURRING SIMULTANEOUSLY. RECORD 10 CONTAINS THE JOBQUEUE PROCEDURE CHECKPOINT RECORD. IT IS A COPY OF THE LDA DURING THE CHECKPOINTED PROCEDURE.		
SYSTEM FILE NAME -	SYSLOK						
FILE ORGANIZATION -	DIRECT						
RECORD LENGTH -	256						
KEY LENGTH -							
RECORD TYPE -	01						
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS		DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME

THIS RECORD IS RELATIVE RECORD ONE. IT HAS NO DEFINED DATA FIELDS. IT IS RETRIEVED FOR UPDATE BY PROGRAMS MAINTAINING DIRECT FILE CHAIN STRUCTURES TO LOCK OUT OTHER PROGRAMS PERFORMING THE SAME FUNCTION.							

DISK FILE LAYOUT							
FULL FILE NAME -	SYSTEM LOCK			DESCRIPTION -	ACCESSING RECORD 1 IN THIS FILE IS USED TO PREVENT CONFLICTING ACTIONS IN DIFFERENT PROGRAMS FROM OCCURRING SIMULTANEOUSLY. RECORD 10 CONTAINS THE JOBQUEUE PROCEDURE CHECKPOINT RECORD. IT IS A COPY OF THE LDA DURING THE CHECKPOINTED PROCEDURE.		
SYSTEM FILE NAME -	SYSLOK						
FILE ORGANIZATION -	DIRECT						
RECORD LENGTH -	256						
KEY LENGTH -							
RECORD TYPE -	10						
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS		DATA FORMAT	LOCATION FROM TO	DEC POS	FIELD NAME

THIS RECORD IS RELATIVE RECORD NUMBER TEN. IT IS USED TO CHECKPOINT THE STATUS OF JOBS IN THE JOBQ. IT CONTAINS A COPY OF THE LOCAL DATA AREA.							
LOCAL DATA AREA IMAGE	256			A	1 256		LDACP
USER SWITCHES	1	STATUS OF U1-U8 IS CONTAINED IN BITS 0 - 7.		A	236 236		USRSW
RESTART STATUS	1	N = NOT RESTARTABLE Y = RESTARTABLE		A	237 237		FSTS1
CHECKPOINT STATUS	1	A = ACTIVE C = CLEARED		A	238 238		FSTS2
PROCEDURE SEGMENT ID	1			A	239 239		FSGID
PROCEDURE NAME	2	LAST TWO CHARACTERS OF NAME OF PROCEDURE		A	240 241		PRCNM
APPLICATION DESIGNATOR	1	A = A/P B = DE&I C = PCC D = DCSS E = PDM G = G/L I = IM M = MRP P = P/R R = A/R S = S/A		A	245 245		APCOD
OPERATOR ID	3			A	252 254		USRID
WORK STATION ID	2			A	255 256		WKSID

System Control Work File (SYSWRK)

DISK FILE LAYOUT					
FULL FILE NAME -	SYSTEM CONTROL WORK FILE	DESCRIPTION -	WORK COPY OF SYSCTL FILE.		
SYSTEM FILE NAME -	SYSACD				
FILE ORGANIZATION -	INDEXED BY SCKEY				
RECORD LENGTH -	128				
KEY LENGTH -	6	KEY START -	3		
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS

THIS FILE IS AN IMAGE OF SYSCTL					

DISK FILE LAYOUT					
FULL FILE NAME -	SYSTEM CONTROL WORK FILE	DESCRIPTION -	WORK COPY OF SYSCTL FILE.		
SYSTEM FILE NAME -	SYSWRK				
FILE ORGANIZATION -	INDEXED BY SCKEY				
RECORD LENGTH -	128				
KEY LENGTH -	6	KEY START -	3		
FIELD DESCRIPTION	LENGTH	CHARACTERISTICS	DATA FORMAT	LOCATION FROM TO	DEC POS

THIS FILE IS AN IMAGE OF SYSCTL					

Section 6. Cross-References

This section contains cross-reference listings of programs to files and files to programs of the programs distributed on the following diskettes: AMKS21, AMKS22, AMKS23, AMKS11, AMKS12, AMKS13, AMKS14, and AMZS01.

In the figures in this section, file type indicates the processing method. File type can be a 1- or 2-character code. The following explains how to interpret the code.

First character: I = Input
 O = Output
 U = Update
 C = Combined

Second character: P = Primary file
 S = Secondary file
 C = Chained file
 R = Record Address file
 T = Table or Array file
 D = Demand file
 L = Process within limits
 A = Sequential add
 U = Unordered add

For example, in Figure 6-1 the first file shown for program AMK10 is GELMAS, and the file type is OU. Using the information above, you can determine that GELMAS is an output file, unordered.

Program to File Cross-References

Figures 6-1 through 6-3 contain program to file cross-references. Figure 6-1 is for file conversion programs; Figure 6-2 is for initial file load programs; and Figure 6-3 is for cross-application support programs.

Program name	File name	File type	Program name	File name	File type
AMK03	SYSCTL	UC	AMK22	DISTRB	OU
	LDADS*	U		DISTRBX	IP
AMK08	DXM0010X	IC		SYSCTL	UC
	SYSCTL	IC		LDA*	U
	LDADS*	U	PRINTER	O	
	WORKSTN	CP	AMK24	EMPDED	OU
	PRINTER	O		EMPDEDX	IP
AMK10	GELMAS	OU		SYSCTL	UC
	LDA*	U	LDA*	U	
	GELMASX	IP	PRINTER	O	
	GELMASY	IP	AMK26	EMPMAS	OU
	SYSCTL	UC		EMPMASX	IP
PRINTER	O	EMPMASY		IP	
AMK12	GLFORM	OU		SYSCTL	UC
	GLFORMX	IP	LDA*	U	
	GLFORMY	IP	PRINTER	O	
	SYSCTL	UC	AMK28	EMPSCL	OU
	LDA*	U		EMPSTLX	IP
PRINTER	O	SYSCTL		UC	
AMK14	CHECKB	OU		LDA*	U
	CHECKBX	IP	PRINTER	O	
	CHECKBY	IP	AMK30	LABDIS	OU
	SYSCTL	UC		LABDISX	IP
	LDA*	U		LABDISY	IP
PRINTER	O	SYSCTL		UC	
AMK16	OPNPAY	OU	LDA*	U	
	OPNPAYX	IP	PRINTER	O	
	OPNPAYY	IP	AMK32	TAXTBL	OU
	SYSCTL	UC		TAXTBLX	IP
	LDA*	U		SYSCTL	UC
PRINTER	O	LDA*		U	
AMK18	VENNAM	OU	PRINTER	O	
	VENNAMX	IP	AMK34	UNIMAS	OU
	SYSCTL	UC		UNIMASX	IP
	LDA*	U		SYSCTL	UC
PRINTER	O	LDA*		U	
AMK20	CHECKR	OU	PRINTER	O	
	CHECKRX	IP	AMK36	DBADGE	OU
	EMPMAS	IC		DMD0160X	IP
	SYSCTL	UC		SYSCTL	UC
	LDA*	U		LDA*	U
PRINTER	O	PRINTER	O		

Figure 6-1. Program to file cross-reference—file conversion programs (1 of 4)

Program name	File name	File type	Program name	File name	File type
AMK38	CUSMAS	UC	AMK48	DMB0040X	IP
	DDB1030X	IP		QTYPRC	OU
	ORDSUM	OU		SYSCTL	UC
	SYSCTL	U		LDA*	U
	LDA*	U		PRINTER	O
	PRINTER	O			
AMK40	DDIO200X	IP	AMK50	DMB0030X	IP
	ITEMAS	IC		SHPMAS	UC
	ITEMBL	UC		SYSCTL	UC
	PURSUM	UC		LDA*	U
	SYSCTL	UC	PRINTER	O	
	LDA*	U			
	PRINTER	O			
AMK43	ITEMAS	IC	AMK52	CUSMAS	UC
	ITEMBL	IC		DMM0020X	IP
	JOBMATX	UP		SYSCTL	UC
	OPMTWK	OA	LDA*	U	
	OPNSUM	IC	PRINTER	O	
	SYSCTL	UC			
	LDA*	U			
	PRINTER	O			
AMK44	DDB1030X	IP	AMK54	DDR3030X	IS
	ITEMAS	IC		DMM0020X	IP
	ITEMBL	IC		DXM0010X	IC
	OPTMWK	OA		OPENRU	OL
	ORDSUM	IC		SYSCTL	UC
	QTYPRC	IC	LDA*	U	
	SYSCTL	UC	PRINTER	O	
	LDA*	U			
	PRINTER	O			
AMK45	DMM0150X	IP	AMK56	CUSMAS	IC
	ITEMAS	UC		CUSSUM	OU
	ITEMBL	OA		DGS4020X	IP
	OPMTWK	OA		SYSCTL	UC
	OPNSUM	OA		LDA*	U
	SYSCTL	UC	PRINTER	O	
	LDA*	U			
PRINTER	O				
AMK46	CONPRC	OU	AMK62	DGS4030X	IP
	DMB0050X	IP		ITEMAS	IC
	SYSCTL	UC		ITEMSM	OU
	LDA*	U		SYSCTL	UC
	PRINTER	O	LDA*	U	
		PRINTER	O		
AMK48			AMK64	DMM0060X	IP
				SLSMAS	OU
				SYSCTL	UC
				LDA*	U
			PRINTER	O	
			AMK68	DXM0010X	IC
				P\$MSTRKX	IC

Figure 6-1. Program to file cross-reference—file conversion programs (2 of 4)

Program name	File name	File type	Program name	File name	File type	
AMK68 (continued)	P\$MSTRRX	IC	AMK80	DMM0150X	IP	
	P\$STRUCX	IC		ITEMAS	IC	
	P\$EDIT	OA		ITEMBL	UC	
	SYSCTL	UC		SYSCTL	UC	
	LDA*	U		LDA*	U	
	PRINTER	O		PRINTER	O	
AMK69	JOBSELX	IP	AMK82	ADDROU	IR	
	P\$EDIT	OA		ITEMAS	IC	
	SYSCTL	UC		ITEMBL	UC	
	LDA*	U		JOBSELX	IP	
	PRINTER	O		SYSCTL	UC	
AMK70	JOBSELX	IP	AMK84	ADDROU	IR	
	RTEDIT	OA		ITEMAS	IC	
	WRKCTR	UC		ITEMBL	UC	
	SYSCTL	UC		JOBSUMX	IP	
	LDA*	U		SYSCTL	UC	
	PRINTER	O		LDA*	U	
AMK72	DETAIL	OL	AMK86	PRINTER	O	
	JOBMATX	IP		ITEMAS	IC	
	OPNSUM	IC		ITEMBL	UC	
	SYSCTL	UC		JOBMATX	IP	
	LDA*	U		SYSCTL	UC	
AMK74	PRINTER	O	AMK89	LDA*	U	
	DETAIL	OL		PRINTER	O	
	JOBDETX	IP		AMK90	DMM0050X	IP
	OPNSUM	IC			ITEMAS	UC
	WRKCTR	UC			SYSCTL	UC
	SYSCTL	UC			LDA*	U
LDA*	U	PRINTER	O			
PRINTER	O	AMK92	ADDROU		IR	
AMK76	DDI0200X		IP	ITEMAS	UC	
	ITEMAS		IC	JOBSELX	IP	
	ITEMBL		UC	SYSCTL	UC	
	OPNSUM		UC	LDA*	U	
	SYSCTL		UC	PRINTER	O	
	LDA*	U	AMK78	ITEMAS	IC	
PRINTER	O	ITEMBL		UC		
AMK78	ITEMAS	IC		JOBSUMX	IP	
	ITEMBL	UC		OPNSUM	UC	
	JOBSUMX	IP		SYSCTL	UC	
	OPNSUM	UC		LDA*	U	
	SYSCTL	UC	PRINTER	O		
	LDA*	U				
PRINTER	O					

Figure 6-1. Program to file cross-reference—file conversion programs (3 of 4)

Program name	File name	File type
AMK94	ADDROU	IR
	ITEMAS	UC
	JOBSUMX	IP
	SYSCTL	UC
	LDA*	U
	PRINTER	O
AMK96	ITEMAS	UC
	JOBMATX	IP
	SYSCTL	UC
	LDA*	U
	PRINTER	O
	*Local data area used by the program	

Figure 6-1. Program to file cross-reference—file conversion programs (4 of 4)

Program name	File name	File type	Program name	File name	File type	
AMKA4	AMKAS2	IR	AMKD1	DAMKD0	IP	
	DAMKA4	IP		DBADGE	IC	
	VENNAM	OA		SYSCTL	UC	
	SYSCTL	UC		LDA*	U	
	LDADS*	U		PRINTER	O	
	PRINTER	O				
AMKB1	ADROEI	IR	AMKE1	IMADDR	IR	
	CUSMAS	UC		IMDSKT	IP	
	CUSTRN	IP		IMEDIT	OL	
	SLSMAS	IC		ITEMAS	IC	
	TAXBOD	IC		SYSCTL	IC	
	SYSCTL	UC		LDA*	U	
	LDA*	U		PRINTER	O	
	PRINTER	O				
AMKB3	ADROEI	IR	AMKE3	IMEDIT	IP	
	CONPRC	UC		ITEMAS	UC	
	CONTRN	IP		SYSCTL	UC	
	CUSMAS	IC		LDA*	U	
	ITEMAS	IC	PRINTER	O		
	SYSCTL	UC	AMKG2	AMKG1	IR	
	LDA*	U		DAMKG1	IP	
	PRINTER	O		GELMAS	OA	
		GELMAX		IC		
AMKB5	ADROEI	IR	SYSCTL	UC		
	ITEMAS	IC	LDA*	U		
	QTYPRC	UC	PRINTER	O		
	QTYTRN	IP	AMK11	IBLOAD	UP	
	SYSCTL	UC		ILDTAG	IR	
	LDA*	U		ITEMAS	IC	
PRINTER	O	ITEMBL		IC		
		SYSCTL		IC		
		PRINTER		O		
AMKB7	ADROEI	IR	AMK12	IBLOAD	IP	
	CUSMAS	IC		ILDTAG	IR	
	SHPMAS	UC		ITEMAS	IC	
	SHPTRN	IP		ITEMBL	UC	
	TAXBOD	IC		SYSCTL	UC	
	SYSCTL	UC		PRINTER	O	
	LDA*	U				
	PRINTER	O				
AMKD0	DAMKD0	UP				
	DBADGE	IC				
	EMPMAS	IC				
	SYSCTL	UC				
	LDA*	U				
	PRINTER	O				

Figure 6-2. Program to file cross-reference—initial file load programs (1 of 2)

Program name	File name	File type
AMKP3	AMKPP4	IR
	DAMKP3	IP
	DISTRB	IC
	EMPMAS	UC
	LABDIS	IC
	TAXTBL	IC
	SYSCTL	UC
	LDA*	U
	PRINTER	O
AMKP5	AMKPP6	IR
	DAMKP5	IP
	DISTRB	IC
	EMPEDED	UC
	EMPMAS	IC
	SYSCTL	UC
	LDA*	U
	PRINTER	O

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Program name	File name	File type	Program name	File name	File type
AMKP7	AMKPP8	IR	AMKS2	AMSD02	IS
	DAMKP7	IP		ITEMAS	IC
	DISTRB	IC		ITEMSA	UC
	EMPMAS	IC		ITEMSM	UC
	EMPSCL	UC		SYSCTL	UC
	TAXTBL	IC		LDA*	LDA
	SYSCTL	UC		PRINTER	O
	LDA*	U			
PRINTER	O	AMKS3	AMSD03	IS	
AMKR7	CUSMAS		IC	SLSMAS	UC
	OPENFL		IP	SLSMSA	UC
	OPENRU		OA	SYSCTL	UC
	SYSCTL		UC	LDA*	U
	LDA*	U	PRINTER	O	
	PRINTER	O	AMKV1	AMKV1	IR
AMKS1	AMSD01	IP		DAMKV1	IP
	CUSMAS	IC		GELMAS	OA
	CUSSUM	UC		SYSCTL	UC
	CUSTSA	UC		PRINTER	O
	SYSCTL	UC			
	LDA*	U			
	PRINTER	O			

*Local data area used by the program

Figure 6-2. Program to file cross-reference—initial file load programs (2 of 2)

Program name	File name	File type	Program name	File name	File type
AMZX6	APPDSC	IC	AXZZP	ADDROUT	IR
	APPLOG	IP		DXM0010	IP
	LDA*	U		LDA*	U
	PRINTER	O		PRINTER	O
AMZZ4	SYSCTL	UC	AXZZ1	SYSCTL	UP
	WORKSTN	CD	AXZZ8	OCLINP	OL
AMZ00	APPCHK	IC		SYSWCD	IP
	APPLOG	OA		SYSCTL	UC
	SYSCTL	UC		LDADS*	U
	WORKSTN	CP		WORKSTN	CD
AXZW1	LDADS*	U	PRINTER	O	
	WORKSTN	CD	AXZ10	SYSINPUT	IP
AXZXS	SYSLOK	IC		LDA*	U
	SYSCTL	IC		PRINTER	O
	LDATA*	U	AXZ11	ADDROUT	IP
AXZX0	SYSINPUT	IP		SYSINPUT	ID
	SYSCTL	UC		LDA*	U
	LDADS*	U	PRINTER	O	
AXZX1	APPCHK	OL	AXZ98	SYSLOK	UC
	APPCKT	IP		LDA*	U
	SYSCTL	UC	AXZ99	SYSLOK	UC
	LDADS*	U		LDA*	U
AXZX5	APPLOG	OL		PRINTER	O
	SYSCTL	UC			
	LDATA*	U			

*Local data area used by the program

Figure 6-3. Program to file cross-reference—cross-application support programs

File to Program Cross-References

Figures 6-4 through 6-6 contain file to program cross-references. Figure 6-4 is for file conversion programs; Figure 6-5 is for initial file load programs; and Figure 6-6 is for cross-application support programs.

File name	Program name	File type	File name	Program name	File type
ADDROU	AMK82	IR	DMD0160X	AMK36	IP
	AMK84	IR	DMM0020X	AMK52	IP
	AMK92	IR		AMK54	IP
	AMK94	IR			
CHECKB	AMK14	OU	DMM0050X	AMK89	IP
CHECKBX	AMK14	IP	DMM0060X	AMK64	IP
CHECKBY	AMK14	IP	DMM0150X	AMK45	IP
CHECKR	AMK20	OU		AMK80	IP
CHECKRX	AMK20	IP	DXM0010X	AMK08	IC
CONPRC	AMK46	OU		AMK54	IC
CUSMAS	AMK38	UC		AMK68	IC
	AMK52	UC		AMK90	IC
	AMK56	IC			
CUSSUM	AMK56	OU	EMPDED	AMK24	OU
DBADGE	AMK36	OU	EMPDEDX	AMK24	IP
			EMPMAS	AMK20	IC
DDB1030X	AMK38	IP	AMK26	OU	
	AMK44	IP	EMPMASX	AMK26	IP
DDI0200X	AMK40	IP	EMPMASY	AMK26	IP
	AMK76	IP	EMPSCL	AMK28	OU
DDR3030X	AMK54	IS	EMPSTLX	AMK28	IP
DETAIL	AMK72	OL	GELMAS	AMK10	OU
	AMK74	OL	GELMASX	AMK10	IP
DGS4020X	AMK56	IP	GELMASY	AMK10	IP
DGS4030X	AMK62	IP	GLFORM	AMK12	OU
DISTRB	AMK22	OU	GLFORMX	AMK12	IP
DISTRBX	AMK22	IP	GLFORMY	AMK12	IP
DMB0030X	AMK50	IP	ITEMAS	AMK40	IC
DMB0040X	AMK48	IP		AMK43	IC
DMB0050X	AMK46	IP		AMK44	IC
				AMK45	UC
AMK62	IC				

Figure 6-4. File to program cross-reference—file conversion programs (1 of 4)

File name	Program name	File type	File name	Program name	File type	
ITEMAS (continued)	AMK76	IC	OPENRU	AMK54	OL	
	AMK78	IC	OPMTWK	AMK43	OA	
	AMK80	IC		AMK44	OA	
	AMK82	IC		AMK45	OA	
	AMK84	IC	OPNPAY	AMK16	OU	
	AMK86	IC		OPNPAYX	AMK16	IP
	AMK89	UC			OPNPAYY	AMK16
	AMK90	UC		OPNSUM		AMK43
	AMK92	UC	AMK45		OA	
	AMK94	UC	AMK72		IC	
AMK96	UC	AMK74	IC			
ITEMBL	AMK40	UC	AMK76		UC	
	AMK43	IC	AMK78		UC	
	AMK44	IC	ORDSUM		AMK38	OU
	AMK45	OA			AMK44	IC
	AMK76	UC	P\$MSTRKX	AMK68	IC	
	AMK78	UC		AMK90	IP	
	AMK80	UC	P\$MSTRRX	AMK68	IC	
	AMK82	UC		P\$STRUCX	AMK68	IC
AMK84	UC	P\$EDIT	AMK68		OA	
AMK86	UC		AMK69	OA		
ITEMSM	AMK62	OU	PURSUM	AMK40	UC	
JOBDETX	AMK74	IP		QTYPRC	AMK44	IC
JOBMATX	AMK43	UP	AMK48		OU	
	AMK72	IP	RTEDIT	AMK70	OA	
	AMK86	IP		SHPMAS	AMK50	UC
	AMK96	IP	SLSMAS		AMK64	OU
JOBSELX	AMK69	IP		SYSCTL	AMK03	UC
	AMK70	IP	AMK08		IC	
	AMK82	IP	AMK10		UC	
JOBSUMX	AMK82	IP				
	AMK92	IP				
	AMK94	IP				
LABDIS	AMK78	IP				
	AMK84	IP				
	AMK94	IP				
LABDISX	AMK30	IP				
LABDISY	AMK30	IP				

Figure 6-4. File to program cross-reference—file conversion programs (2 of 4)

File name	Program name	File type	File name	Program name	File type
SYSCTL (continued)	AMK12	UC	UNIMAS	AMK34	OU
	AMK14	UC	UNIMASX	AMK34	IP
	AMK16	UC	VENNAM	AMK18	OU
	AMK18	UC	VENNAMX	AMK18	IP
	AMK20	UC	WRKCTR	AMK70	UC
	AMK22	UC		AMK74	UC
	AMK24	UC	LDA	AMK10	U
	AMK26	UC		AMK12	U
	AMK28	UC		AMK14	U
	AMK30	UC		AMK16	U
	AMK32	UC		AMK18	U
	AMK34	UC		AMK20	U
	AMK36	UC		AMK22	U
	AMK38	UC		AMK24	U
	AMK40	UC		AMK26	U
	AMK43	UC		AMK28	U
	AMK44	UC		AMK30	U
	AMK45	UC		AMK32	U
	AMK46	UC		AMK34	U
	AMK48	UC		AMK36	U
	AMK50	UC		AMK38	U
	AMK52	UC		AMK40	U
	AMK54	UC		AMK43	U
	AMK56	UC		AMK44	U
	AMK62	UC		AMK45	U
	AMK64	UC		AMK46	U
	AMK68	UC		AMK48	U
	AMK69	UC		AMK50	U
	AMK70	UC		AMK52	U
	AMK72	UC		AMK54	U
	AMK74	UC		AMK56	U
	AMK76	UC		AMK62	U
	AMK78	UC		AMK64	U
	AMK80	UC		AMK68	U
	AMK82	UC		AMK69	U
	AMK84	UC		AMK70	U
AMK86	UC		AMK72	U	
AMK89	UC		AMK74	U	
AMK90	UC		AMK76	U	
AMK92	UC		AMK78	U	
AMK94	UC		AMK80	U	
AMK96	UC				
TAXTBL	AMK32	OU			
TAXTBLX	AMK32	IP			

Figure 6-4. File to program cross-reference—file conversion programs (3 of 4)

File name	Program name	File type	File name	Program name	File type
LDA	AMK82	U	PRINTER	AMK43	O
(continued)	AMK84	U	(continued)	AMK44	O
	AMK86	U		AMK45	O
	AMK89	U		AMK46	O
	AMK90	U		AMK48	O
	AMK92	U		AMK50	O
	AMK94	U		AMK52	O
	AMK96	U		AMK54	O
				AMK56	O
LDADS	AMK03	U		AMK62	O
	AMK08	U		AMK64	O
				AMK68	O
PRINTER	AMK08	O		AMK69	O
	AMK10	O		AMK70	O
	AMK12	O		AMK72	O
	AMK14	O		AMK74	O
	AMK16	O		AMK76	O
	AMK18	O		AMK78	O
	AMK20	O		AMK80	O
	AMK22	O		AMK82	O
	AMK24	O		AMK84	O
	AMK26	O		AMK86	O
	AMK28	O		AMK89	O
	AMK30	O		AMK90	O
	AMK32	O		AMK92	O
	AMK34	O		AMK94	O
	AMK36	O		AMK96	O
	AMK38	O			
	AMK40	O	WORKSTN	AMK08	CP

Figure 6-4. File to program cross-reference—file conversion programs (4 of 4)

File name	Program name	File type	File name	Program name	File type
ADROE1	AMKB1	IR	DAMKP7	AMKP7	IP
	AMKB3	IR	DAMKV1	AMKV1	IP
	AMKB5	IR	DBADGE	AMKD0	IC
	AMKB7	IR		AMKD1	IC
AMKAS2	AMKA4	IR	DISTRB	AMKP3	IC
AMKG1	AMKG2	IR		AMKP5	IC
AMKPP4	AMKP3	IR		AMKP7	IC
AMKPP6	AMKP5	IR	EMPDED	AMKP5	UC
AMKPP8	AMKP7	IR	EMPMAS	AMKD0	IC
AMKV1	AMKV1	IR		AMKP3	UC
AMSD01	AMKS1	IP		AMKP5	IC
AMSD02	AMKS2	IS		AMKP7	IC
AMSD03	AMKS3	IS	EMPSCCL	AMKP7	UC
CONTRN	AMKB3	IP	GELMAS	AMKG2	OA
CUSMAS	AMKB1	UC		AMKV1	OA
	AMKB3	IC	GELMAX	AMKG2	IC
	AMKB7	IC	BLOAD	AMKI1	UP
	AMKR7	IC		AMKI2	IP
	AMKS1	IC	LDTAG	AMKI1	IR
CUSSUM	AMKS1	UC		AMKI2	IR
CUSTRN	AMKB1	IP	IMADDR	AMKE1	IR
CUSTSA	AMKS1	UC	IMDSKT	AMKE1	IP
DAMKA4	AMKA4	IP	IMEDIT	AMKE1	OL
DAMKD0	AMKD0	UP		AMKE3	IP
	AMKD1	IP	TEMAS	AMKI1	IC
DAMKG1	AMKG2	IP		AMKI2	IC
DAMKP3	AMKP3	IP		AMKB3	IC
DAMKP5	AMKP5	IP		AMKB5	IC
				AMKE1	IC
				AMKE3	UC
				AMKS2	IC

Figure 6-5. File to program cross-reference—initial file load programs (1 of 3)

File name	Program name	File type
ITEMBL	AMK11	IC
	AMK12	UC
ITEMSA	AMKS2	UC
ITEMSM	AMKS2	UC
LABDIS	AMKP3	IC
OPENFL	AMKR7	IP
OPENRU	AMKR7	OA

Figure 6-5. File to program cross-reference—initial file load programs (2 of 3)

File name	Program name	File type	File name	Program name	File type
QTYPRC	AMKB5	UC	LDA	AMKB1	U
QTYTRN	AMKB5	IP		AMKB3	U
SHPMAS	AMKB7	UC		AMKB5	U
SHPTRN	AMKB7	IP		AMKB7	U
SLSMAS	AMKB1	IC		AMKD0	U
	AMKS3	UC		AMKD1	U
SLSMSA	AMKS3	UC		AMKE1	U
SYSCTL	AMKA4	UC		AMKE3	U
	AMKB1	UC		AMKG2	U
	AMKB3	UC		AMKP3	U
	AMKB5	UC		AMKP5	U
	AMKB7	UC		AMKP7	U
	AMKD0	UC	LDADS	AMKR7	U
	AMKD1	UC		AMKS1	U
	AMKE1	UC	PRINTER	AMKS2	U
	AMKE3	UC		AMKS3	U
	AMKG2	UC			
	AMKP3	UC		AMKA4	U
	AMKP5	UC		AMKA4	O
	AMKP7	UC		AMKB1	O
	AMKR7	UC		AMKB3	O
	AMKS1	UC		AMKB5	O
	AMKS2	UC		AMKB7	O
	AMKS3	UC		AMKD0	O
	AMKV1	UC		AMKD1	O
TAXBOD	AMKB1	IC		AMKE1	O
	AMKB7	IC		AMKE3	O
TAXTBL	AMKP3	IC		AMKG2	O
	AMKP7	IC		AMKP3	O
VENNAM	AMKA4	OA		AMKP5	O
				AMKP7	O
				AMKR7	O
				AMKS1	O
				AMKS2	O
				AMKS3	O
				AMKV1	O

Figure 6-5. File to program cross-reference—initial file load programs (3 of 3)

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File name	Program name	File type	File name	Program name	File type	
ADDROUT	AXZZP	IR	LDA	AMZX6	U	
	AXZ11	IP		AXZZP	U	
APPCHK	AMZ00	IC		AXZ10	U	
	AXZX1	OL		AXZ11	U	
APPCKT	AXZX1	IP		AXZ98	U	
				AXZ99	U	
APPDSC	AMZX6	IC		LDADS	AXZW1	U
APPLOG	AMZX6	IP		AXZX0	U	
	AMZ00	OA		AXZX1	U	
	AXZX5	OL		AXZZ8	U	
DXM0010	AXZZP	IP	LDATA	AXZXS	U	
OCLINP	AXZZ8	OL	AXZX5	U		
			PRINTER	AMZX6	O	
SYSCTL	AMZZ4	UC	AXZZP	O		
	AMZ00	UC	AXZZ8	O		
	AXZXS	IC	AXZ10	O		
	AXZX0	UC	AXZ11	O		
	AXZX1	UC	AXZ99	O		
	AXZX5	UC	SYSINPUT	AXZX0	IP	
	AXZZ1	UP		AXZ10	IP	
	AXZZ8	UC		AXZ11	ID	
SYSLOK	AXZXS	IC	WORKSTN	AMZZ4	CD	
	AXZ98	UC	AMZ00	CP		
	AXZ99	UC	AXZW1	CD		
SYSWCD	AXZZ8	IP	AXZZ8	CD		

Figure 6-6. File to program cross-reference—cross-application support programs

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Section 7. Field Dictionary

The field dictionary defines the fields used in the following files:

APPCHK	OCLOUT
APPDSC	SECFIL
APPLOG	SIZQST
DSKCTL	SYSCTL
DSKSIZ	SYSLOK
OCLINP	SYSWCD

The fields in the application files are defined in the application reference manuals.

Field names are listed in alphabetic order. Shown with each field name are the field length (character positions), the number of decimal positions (Dec Pos), the description of the field, and any special characteristics. If a field is alphanumeric, the Dec Pos column is blank. However, if the field is numeric and has no decimal positions, the Dec Pos column shows a zero. If a field can have several specific values, in most cases those values and their meanings are listed under the Characteristics column.

Note: The character \emptyset represents a blank that is to be entered.

F I E L D N A M E D A T A D I C T I O N A R Y

FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
ABAF A	1	0	APP BEFORE/AFTER PRINT IND. - FILE MAINT DATA COLLECTION	*FILE - > SYSC TL RECORD CODE - > XD * DATA COLLECTION
ABAF B	1	0	APP BEFORE/AFTER PRINT IND. - FILE MAINT MATERIAL REQUIREMENTS PLANNING	*FILE - > SYSC TL RECORD CODE - > XD * MATERIAL REQUIREMENTS PLANNING
ABAF C	1	0	APP BEFORE/AFTER PRINT IND. - FILE MAINT USED INTERNALLY DURING SYSTEM TAILORING	
ABAF D	1	0	APP BEFORE/AFTER PRINT IND. - FILE MAINT USED INTERNALLY DURING SYSTEM TAILORING	
ABAF E	1	0	APP BEFORE/AFTER PRINT IND. - FILE MAINT USED INTERNALLY DURING SYSTEM TAILORING	
ABAF 1	1	0	APP BEFORE/AFTER PRINT IND. - FILE MAINT 1 = YES 2 = NO PAYROLL	*FILE - > SYSC TL RECORD CODE - > XD * 1 = YES, 0 = NO PAYROLL
ABAF 2	1	0	APP BEFORE/AFTER PRINT IND. - FILE MAINT ACCOUNTS PAYABLE	*FILE - > SYSC TL RECORD CODE - > XD * ACCOUNTS PAYABLE
ABAF 3	1	0	APP BEFORE/AFTER PRINT IND. - FILE MAINT GENERAL LEDGER	*FILE - > SYSC TL RECORD CODE - > XD * GENERAL LEDGER
ABAF 4	1	0	APP BEFORE/AFTER PRINT IND. - FILE MAINT ACCOUNTS RECEIVABLE	*FILE - > SYSC TL RECORD CODE - > XD * ACCOUNTS RECEIVABLE
ABAF 5	1	0	APP BEFORE/AFTER PRINT IND. - FILE MAINT PRODUCTION CONTROL & COSTING BILLING/ORDER ENTRY & INVOICING	*FILE - > SYSC TL RECORD CODE - > XD * PRODUCTION CONTROL & COSTING BILLING/ORDER ENTRY & INVOICING
ABAF 7	1	0	APP BEFORE/AFTER PRINT IND. - FILE MAINT INVENTORY MANAGEMENT	*FILE - > SYSC TL RECORD CODE - > XD * INVENTORY MANAGEMENT
ABAF 8	1	0	APP BEFORE/AFTER PRINT IND. - FILE MAINT SALES ANALYSIS	*FILE - > SYSC TL RECORD CODE - > XD * SALES ANALYSIS
ABAF 9	1	0	APP BEFORE/AFTER PRINT IND. - FILE MAINT PRODUCT DATA MANAGEMENT	*FILE - > SYSC TL RECORD CODE - > XD * PRODUCT DATA MANAGEMENT
ACDAY	3	0	NO. ACTIVE BUSINESS DAYS	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
ACKNO	6	0	<p>A/P BEGINNING CHECK NO</p> <p>THE NEXT AVAILABLE CHECK NUMBER TO BE USED WHEN ACCOUNTS PAYABLE CHECKS ARE WRITTEN. IF YOU HAVE MORE THAN ONE COMPANY, EACH COMPANY HAS A BEGINNING CHECK NUMBER.</p> <p>FOR EACH COMPANY, BEGINNING CHECK NUMBER ALWAYS STARTS AS 1. ITS VALUE IS UPDATED WHEN THE CASH DISBURSEMENTS UPDATE LISTING PRINTS FOR THE COMPANY. THE NEW VALUE IS DETERMINED AS FOLLOWS:</p> <ul style="list-style-type: none"> • IF THERE WERE ONLY MANUALLY PAID INVOICES (INVOICES WERE PAID WITH CHECKS NOT WRITTEN BY THE ACCOUNTS PAYABLE APPLICATION), ACKNO EQUALS THE LARGEST MANUALLY WRITTEN CHECK NUMBER PLUS 1. • IF THERE WERE ONLY INVOICES PAID WITH CHECKS WRITTEN BY THE APPLICATION, ACKNO EQUALS THE LAST APPLICATION WRITTEN CHECK NUMBER PLUS 1. • IF THERE WERE INVOICES PAID WITH MANUALLY WRITTEN CHECKS AND OTHER INVOICES PAID WITH APPLICATION WRITTEN CHECKS, ACKNO EQUALS THE LARGEST CHECK NUMBER WRITTEN, WHETHER WRITTEN MANUALLY OR BY THE APPLICATION, PLUS 1. <p>THE NUMBERS OF CHECKS WRITTEN APPEAR ON THE CASH DISBURSEMENT JOURNAL THAT PRINTS IMMEDIATELY PRIOR TO PRINTING OF THE CASH DISBURSEMENTS UPDATE LISTING</p>	
ACKPC	1	0	<p>ACKNOWLEDGEMENT PRINT CODE</p> <p>CODE TO DETERMINE IF CUSTOMER ORDER ACKNOWLEDGEMENTS SHOULD BE OR HAVE BEEN PRINTED FROM THIS BATCH</p>	<p>0 = NOT MANDATORY 1 = MANDATORY 2 = PRINTED</p>
ACREC	1		<p>ACTIVE RECORD CODE</p> <p>INDICATES WHETHER A RECORD IS ACTIVE, MARKED FOR DELETION, OR IS IN ERROR.</p>	<p>A = ACTIVE C = CHANGED D = DELETED H = MARKED FOR DELETION P = PAYOFF R = RELEASED S = SUSPENDED U = USER V = VOIDED X = OUTSTANDING</p> <p>*FILE - > APPCHK * A = ACTIVE D = DELETED</p> <p>*FILE - > ARTRNW * A = ACTIVE D = DELETED E = ERROR</p> <p>*FILE - > CHECKB RECORD CODE - > AH * D = DELETED O = OUTSTANDING</p> <p>*FILE - > CHECKR * A = ACTIVE D = DELETED</p> <p>*FILE - > CONPRC RECORD CODE - > RC * A = ACTIVE D = DELETED S = SUSPEND</p> <p>*FILE - > CURDED RECORD CODE - > PB * A = ACTIVE D = DELETED</p> <p>*FILE - > CURHRS * A = ACTIVE D = DELETED</p> <p>*FILE - > CUSMAS RECORD CODE - > MA * A = ACTIVE D = DELETED S = SUSPEND H = HOLD</p> <p>*FILE - > CUSSUM RECORD CODE - > SA * A = ACTIVE D = DELETED</p> <p>*FILE - > CUSTSA RECORD CODE - > IA * A = ACTIVE D = DELETED</p> <p>*FILE - > DCINDX * A = ACTIVE D = DELETED E = ERROR</p>

FIELD NAME DATA DICTIONARY

FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
				*FILE - > DISTRB RECORD CODE - > PD *
				A = ACTIVE
				D = DELETED
				*FILE - > DSKENT RECORD CODE - > RB *
				A = ACTIVE
				D = DELETED
				E = ERROR
				*FILE - > EMPDED RECORD CODE - > PF *
				A = ACTIVE
				D = DELETED
				T = TERMINATED
				*FILE - > EMPMAS RECORD CODE - > PE *
				A = ACTIVE
				D = DELETED
				T = TERMINATED
				*FILE - > EMPSCL RECORD CODE - > PG *
				A = ACTIVE
				D = DELETED
				T = TERMINATED
				*FILE - > GELMAS RECORD CODE - > LM *
				A = ACTIVE
				D = DELETED
				E = ERROR
				*FILE - > GLFORM *
				A = ACTIVE
				D = DELETED
				E = ERROR
				*FILE - > GJVREP RECORD CODE - > PJ *
				A = ACTIVE
				D = DELETE
				*FILE - > INTRWK RECORD CODE - > CD *
				A = ACTIVE *E = ERROR *D = DELETED
				*FILE - > INVENT *
				A OR BLANK = ACTIVE
				D = DELETED
				E = ERROR
				*FILE - > ITEMAS *
				A = ACTIVE
				D = DELETED
				*FILE - > ITEMSA RECORD CODE - > IB *
				A = ACTIVE
				D = DELETED
				*FILE - > ITEMMS RECORD CODE - > SB *
				A = ACTIVE
				D = DELETED
				*FILE - > LABDIS RECORD CODE - > PL *
				A = ACTIVE
				D = DELETE
				*FILE - > MTHACT *
				A = ACTIVE
				D = DELETED
				*FILE - > MUNION RECORD CODE - > PM *
				A = ACTIVE
				D = DELETE
				*FILE - > OPENAR RECORD CODE - > RD *
				A = ACTIVE
				D = DELETED
				*FILE - > OPENAR RECORD CODE - > RD *
				A = ACTIVE
				D = DELETED
				*FILE - > OPENAR RECORD CODE - > RX *
				A = ACTIVE
				D = DELETED
				*FILE - > OPENFL RECORD CODE - > RN *
				A = ACTIVE
				D = DELETED
				*FILE - > OPENFL RECORD CODE - > RD *
				A = ACTIVE
				D = DELETED
				E = ERROR
				*FILE - > OPENFL RECORD CODE - > RP *
				A = ACTIVE
				D = DELETED
				E = ERROR
				*FILE - > OPENRU *
				A = ACTIVE
				*FILE - > OPNPAY *
				A = ACTIVE
				D = DELETED
				*FILE - > ORDREL *
				A = ACTIVE
				D = DELETED

FIELD NAME DATA DICTIONARY					
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS	
				E = ERROR *FILE - > QKDSUM * A = ACTIVE D = DELETED E = ERROR H = NOT AVAILABLE - BEING USED ELSEWHERE X = ENTERED BUT NOT UPDATED *FILE - > PAYOFF * A = ACTIVE D = DELETED S = SUSPENDED *FILE - > PVENT * A OR BLANK = ACTIVE D = DELETED F = ERROR *FILE - > PURSUM RECORD CODE - > MP * A = ACTIVE D = DELETED *FILE - > REMITB * A = ACTIVE D = DELETED *FILE - > SHPMAS * A = ACTIVE D = DELETED *FILE - > SLSMAS RECORD CODE - > SC * A = ACTIVE D = DELETED S = SUSPEND *FILE - > SLSMSA RECORD CODE - > IC * A = ACTIVE D = DELETED S = SUSPENDED *FILE - > SYSC TL * A = ACTIVE D = DELETED *FILE - > TAXTBL * A = ACTIVE D = DELETED *FILE - > TOTHR S * A = ACTIVE D = DELETED S = SUSPENDED *FILE - > TOTHR S RECORD CODE - > PC * A = ACTIVE D = DELETED *FILE - > UNIMAS RECORD CODE - > PQ * A = ACTIVE D = DELETED *FILE - > VENNAM RECORD CODE - > AA * A = ACTIVE D = DELETED *FILE - > WRKCTR RECORD CODE - > WC1 * A = ACTIVE D = DELETED *FILE - > WJNION * A = ACTIVE D = DELETED	
ACTWS	2	0	ACTIVE W/S NUMBER OF WORKSTATIONS CURKENTLY USING THIS FILE FOR DATA ENTRY		
AGDT1	6	0	AGE DATE 1 THIS FIELD IS THE DATE OF YOUR LAST STATEMENT.		
AGDT2	6	0	AGE DATE 2 THIS FIELD WAS YOUR STATEMENT DATE TWO MONTHS AGO.		
AGDT3	6	0	AGE DATE 3 THIS FIELD WAS YOUR STATEMENT DATE THREE MONTHS AGO.		
AGDT4	6	0	AGE DATE 4 THIS FIELD WAS YOUR STATEMENT DATE FOUR MONTHS AGO.		
AGDT5	6	0	AGE DATE 5 THIS FIELD WAS YOUR STATEMENT DATE FIVE MONTHS AGO.		

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
AGERQ	1	0	ZERO BALANCE CONTROL THIS FIELD IS USED TO INDICATE THE DISPOSITION OF ZERO BALANCE CUSTOMERS FOR STATEMENT PRINTING.	1 = CURRENT ACTIVITY WITH ZERO BALANCE 2 = NO ZERO BALANCE PRINT
AMR+1	7	0	DISCOUNT AMOUNT 1 AN AMOUNT IN WHOLE DOLLARS THAT IS COMPARED TO ORDER VALUE TO DETERMINE TRADE DISCOUNT. DSC+1 IS THE CORRESPONDING PERCENTAGE USED IN CALCULATING TRADE DISCOUNT AMOUNT.	
AMR+2	7	0	DISCOUNT AMOUNT 2 AN AMOUNT IN WHOLE DOLLARS THAT IS COMPARED TO ORDER VALUE TO DETERMINE TRADE DISCOUNT. DSC+2 IS THE CORRESPONDING PERCENTAGE USED TO CALCULATE TRADE DISCOUNT AMOUNT.	
AMR+3	7	0	DISCOUNT AMOUNT 3 AN AMOUNT IN WHOLE DOLLARS THAT IS COMPARED TO ORDER VALUE TO DETERMINE TRADE DISCOUNT. DSC+3 IS THE CORRESPONDING PERCENTAGE USED TO CALCULATE TRADE DISCOUNT AMOUNT.	
AMR+4	7	0	DISCOUNT AMOUNT 4 AN AMOUNT IN WHOLE DOLLARS THAT IS COMPARED TO ORDER VALUE TO DETERMINE TRADE DISCOUNT. DSC+4 IS THE CORRESPONDING PERCENTAGE USED TO CALCULATE TRADE DISCOUNT AMOUNT.	
AMR+5	7	0	DISCOUNT AMOUNT 5 AN AMOUNT IN WHOLE DOLLARS THAT IS COMPARED TO ORDER VALUE TO DETERMINE TRADE DISCOUNT. DSC+5 IS THE CORRESPONDING PERCENTAGE USED TO CALCULATE TRADE DISCOUNT AMOUNT.	
AMTHS	2	0	NUMBER SALES MONTH THE NUMBER OF MONTHS TO SPREAD THE ANTICIPATED SALES INCOME BEYOND THE FIRST NINETY DAYS. THIS IS A VALUE DETERMINED DURING SYSTEM TAILORING AND IS USED FOR THE CASH FLOW CALCULATION.	
APBIT	1		F/S WHERE USED INDICATOR - 1 USED INTERNALLY DURING SYSTEM TAILORING	
APBIZ	1		APPLICATION DESIGNATOR USED INTERNALLY DURING SYSTEM TAILORING	
APBT2	1		F/S WHERE USED INDICATOR - 2 USED INTERNALLY DURING SYSTEM TAILORING	
APCHK	1	0	A/P CHECK WRITING INDICATOR USED TO CONTROL TASKS OF THE ACCOUNTS PAYABLE APPLICATION.	0 = CHECK WRITING NOT STARTED 1 = CHECK WRITING STARTED
APCOD	1		APPLICATION DESIGNATOR	A = A/P R = DEF.I C = PCC D = DCSS E = PDV G = G/L I = IM M = MRP P = P/P R = A/K S = S/A

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
APCSH	1	0	A/P CASH ACCT IND USED TO DETERMINE WHETHER ACCOUNTS PAYABLE TRANSACTIONS ARE TO BE PROCESSED UNDER AN ACCRUAL OR CASH ACCOUNTING METHOD. THE VALUE OF APCSH IS SET WHEN THE ACCOUNTS PAYABLE QUESTIONNAIRE IS ANSWERED DURING SYSTEM TAILORING.	0 - ACCRUAL ACCOUNTING METHOD 1 - CASH ACCOUNTING METHOD
APCWS	1	0	CHECK WRITING STATUS	0 = NO SELECTIONS 1 = SELECTION ERRORS 2 = CHECKS CAN BE PRINTED 3 = REMITTANCE ADVICES CAN BE PRINTED
APDESC	1		APPLICATION CODE USED INTERNALLY DURING SYSTEM TAILORING	
APER0	3	3	CURRENT MONTH PERCENT THE PORTION OF A MASTER LEVEL REQUIREMENT FROM WHICH INCOME IS ANTICIPATED WITHIN 30 DAYS AFTER IT IS SCHEDULED. THIS IS A PERCENTAGE VALUE DETERMINED DURING SYSTEM TAILORING AND IS USED FOR THE CASH FLOW CALCULATION.	
APER1	3	3	THIRTY DAY PERCENT THE PORTION OF A MASTER LEVEL REQUIREMENT FROM WHICH INCOME IS ANTICIPATED WITHIN 30 TO 60 DAYS AFTER IT IS SCHEDULED. THIS IS A PERCENTAGE VALUE DETERMINED DURING SYSTEM TAILORING AND IS USED FOR THE CASH FLOW CALCULATION.	
APER2	3	3	SIXTY DAY PERCENT THE PORTION OF A MASTER LEVEL REQUIREMENT FROM WHICH INCOME IS ANTICIPATED WITHIN 60 TO 90 DAYS AFTER IT IS SCHEDULED. THIS IS A PERCENTAGE VALUE DETERMINED DURING SYSTEM TAILORING AND IS USED FOR THE CASH FLOW CALCULATION.	
APER3	3	3	REMAINING SALES PERCENT THE PORTION OF THE MASTER LEVEL REQUIREMENT FROM WHICH INCOME IS ANTICIPATED 90 DAYS OR MORE AFTER IT IS SCHEDULED. THIS IS A PERCENTAGE VALUE CALCULATED AT SYSTEM TAILORING 100 - (APER0 + APER1 + APER2) IT IS USED FOR THE CASH FLOW CALCULATION.	
APFNUM	2	0	FUNCTION NUMBER USED INTERNALLY DURING SYSTEM TAILORING	
APGLI	1	0	INTERFACE INDICATOR INTERFACE FROM ACCOUNTS PAYABLE TO GENERAL LEDGER 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
API	40	0	PERIOD INTERVAL ARRAY A 20 ELEMENT ARRAY OR MASK WHICH DETERMINES THE NUMBER OF WORKDAYS BETWEEN EACH OF THE 20 REPORTING PERIODS.	20 ELEMENTS EACH (3.0) PACKED
APINA	1	0	INSTALLED APPLICATION INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
APINB	1	0	INSTALLED APPLICATION INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
APINC	1	0	INSTALLED APPLICATION INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
APIND	1	0	INSTALLED APPLICATION INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
APINE	1	0	INSTALLED APPLICATION INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
APIN1	1	0	INSTALLED APPLICATION INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	1 = INSTALLED 0 = UNINSTALLED
APIN2	1	0	INSTALLED APPLICATION INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
APIN3	1	0	INSTALLED APPLICATION INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
APIN4	1	0	INSTALLED APPLICATION INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
APIN5	1	0	INSTALLED APPLICATION INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
APIN6	1	0	INSTALLED APPLICATION INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
APIN7	1	0	INSTALLED APPLICATION INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
APIN8	1	0	INSTALLED APPLICATION INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
APIN9	1	0	INSTALLED APPLICATION INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
API01	1		INSTALLED APPLICATION CHAR. DESIGNATION USED INTERNALLY DURING SYSTEM TAILORING	'P'
API02	1		INSTALLED APPLICATION CHAR. DESIGNATION USED INTERNALLY DURING SYSTEM TAILORING	'A'
API03	1		INSTALLED APPLICATION CHAR. DESIGNATION USED INTERNALLY DURING SYSTEM TAILORING	'G'
API04	1		INSTALLED APPLICATION CHAR. DESIGNATION USED INTERNALLY DURING SYSTEM TAILORING	'R'
API05	1		INSTALLED APPLICATION CHAR. DESIGNATION USED INTERNALLY DURING SYSTEM TAILORING	'C'
API06	1		INSTALLED APPLICATION CHAR. DESIGNATION USED INTERNALLY DURING SYSTEM TAILORING	'B'
API07	1		INSTALLED APPLICATION CHAR. DESIGNATION USED INTERNALLY DURING SYSTEM TAILORING	'I'
API08	1		INSTALLED APPLICATION CHAR. DESIGNATION USED INTERNALLY DURING SYSTEM TAILORING	'S'

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
API09	1		INSTALLED APPLICATION CHAR. DESIGNATION USED INTERNALLY DURING SYSTEM TAILORING	*E*
API10	1		INSTALLED APPLICATION CHAR. DESIGNATION USED INTERNALLY DURING SYSTEM TAILORING	*D*
API11	1		INSTALLED APPLICATION CHAR. DESIGNATION USED INTERNALLY DURING SYSTEM TAILORING	*M*
API12	1		INSTALLED APPLICATION CHAR. DESIGNATION USED INTERNALLY DURING SYSTEM TAILORING	
API13	1		INSTALLED APPLICATION CHAR. DESIGNATION USED INTERNALLY DURING SYSTEM TAILORING	
API14	1		INSTALLED APPLICATION CHAR. DESIGNATION USED INTERNALLY DURING SYSTEM TAILORING	
APPCI	1	0	INTERFACE INDICATOR INTERFACE FROM ACCOUNTS PAYABLE TO PRODUCTION CONTROL 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
APTEM	7	0	A/P TEMGEN RECORD COUNT RECORD COUNT REQUIRED BY ACCOUNTS PAYABLE FOR TEMGEN FILE. APTEM IS ADDED TO GLEM, PRTEM, AND ARTEM TO SIZE CAPACITY OF TEMGEN.	
APUPD	1	0	A/P UPDATE INDICATOR USED TO CONTROL TASK OF THE ACCOUNTS PAYABLE APPLICATION. THE VALUE OF APUPD INDICATES THAT A TASK HAS BEEN SELECTED BUT NOT YET COMPLETED. UNTIL COMPLETED, OTHER TASKS MAY NOT BE ABLE TO RUN:	0 = POSTING NOT STARTED 1 = POSTING STARTED
APXX1	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
APXX2	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
APXX3	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
ARA	24		SECURITY CLEARANCE ARRAY THIS ARRAY IS MADE UP OF 12 2-CHARACTER ELEMENTS, EACH CONTAINING 16 BITS REPRESENTING PASSWORD CLEARANCES FOR SPECIFIC APPLICATION FUNCTIONS	APPLICATION RECORD LOCATION ARRAY ELEMENTS A/P 9-10 1-2 OEEI 11-12 3-4 PCC 13-14 5-6 DCSS 15-16 7-8 PDM 17-18 9-10 G/L 19-20 11-12 IM 21-22 13-14 MRP 23-24 15-16 P/R 25-26 17-18 A/P 27-28 19-20 S/A 29-30 21-22 SYSTEM 31-32 23-24

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
ARAGE	3	0	AGE OF AR THIS FIELD CONTAINS THE RESPONSE AT SYSTEM TAILORING OF THE AVERAGE AGE OF YOUR ACCOUNTS RECEIVABLE. VALID NUMBERS ARE 30, 45, 60, 75, 90, 105, 120.	
ARGLI	1	0	INTERFACE INDICATOR INTERFACE FROM ACCOUNTS RECEIVABLE TO GENERAL LEDGER 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
ARRAY	1		ARRAY FOR KEYED VALUE USED INTERNALLY DURING SYSTEM TAILORING	A,N,D
ARSAI	1	0	INTERFACE INDICATOR INTERFACE FROM ACCOUNTS RECEIVABLE TO SALES ANALYSIS 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
ARTEM	7	0	A/R TEMGEN RECORD COUNT RECORD COUNT REQUIRED BY ACCOUNTS RECEIVABLE FOR TEMGEN FILE. ARTEM IS ADDED TO APTEM, PRTEM, AND GLTEM TO SIZE CAPACITY OF TEMGEN.	
ARXX1	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
ARXX2	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
ARXX3	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
ARY	1		ARRAY TESTED USED INTERNALLY DURING SYSTEM TAILORING	A
ATBCL	1	0	ATB CONTROL CONTAINS THE SYSTEMS TAILORING RESPONSE FOR THE STANDARD OPTION DESIRED WHENEVER THE ATB IS REQUESTED.	1 = ALL CUSTOMERS 2 = WITH BALANCES 3 = PAST DUE CUSTOMERS 4 = DELINQUENT CUSTOMERS 5 = SPECIFIC CUSTOMERS
ATBTY	1	0	REPORT TYPE INDICATES THE DEFAULT DESIRED FOR THE RANGE OF CUSTOMERS WHENEVER THE AGED TRIAL BALANCE IS REQUESTED.	1 = ALL CUSTOMERS 2 = RANGE OF CUSTOMERS
AUTDR	1	0	AUTOMATIC ORDER NUMBER CODE TO DETERMINE IF AUTOMATIC ASSIGNMENT OF CUSTOMER ORDER NUMBERS APPLIES.	
BCCSH	5	0	BATCH CASH & ADJUSTMENTS INDICATES THE NUMBER OF CASH AND ADJUSTMENTS IN A BATCH. THIS WAS ENTERED DURING SYSTEM TAILORING.	
BCHND	3	0	BATCH CONTROL INDICATES THE CURRENT BATCH NUMBER AVAILABLE FOR USE BY AR.	
BCINV	5	0	BATCH INVOICES/CRED. INDICATES THE NUMBER OF INVOICES AND/OR CREDIT MEMOS IN A BATCH. THIS WAS ENTERED DURING SYSTEM TAILORING.	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
BFPCT	3	0	BALANCE FORWARD PERCENT THIS FIELD CONTAINS THE PER CENT OF CUSTOMERS YOU INDICATED DURING SYSTEM TAILORING THAT ARE BALANCE FORWARD CUSTOMERS.	
BIARI	1	0	INTERFACE INDICATOR INTERFACE FROM ORDER ENTRY AND INVOICING TO ACCOUNTS RECEIVABLE 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
BIIMI	1	0	INTERFACE INDICATOR	
BIRPI	1	0	INTERFACE INDICATOR INTERFACE FROM ORDER ENTRY AND INVOICING TO REQUIREMENTS PLANNING 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
BISAI	1	0	INTERFACE INDICATOR INTERFACE FROM ORDER ENTRY AND INVOICING TO SALES ANALYSIS 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
BIXX1	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
BIXX2	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
BIXX3	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
BLCKS	5	0	BLOCKS REQUIRED AMOUNT OF DISK SPACE A FILE REQUIRES IN BLOCKS	
BLDPC	1	0	BILL OF LADING PRINT CODE A CODE TO DETERMINE IF BILL OF LADINGS SHOULD BE OR HAVE BEEN PRINTED FOR THIS CUSTOMER ORDER TRANSACTION BATCH.	0 = NOT MANDATORY 1 = MANDATORY 2 = PRINTED
BLKSC	1		BLANK SCREEN USED INTERNALLY DURING SYSTEM TAILORING	1, 1,0,
BOFUL	1	0	FULLY B.O. ITEMS ON INVOICE A CODE TO DETERMINE IF CUSTOMER DESIRES FULLY BACKORDERED ITEMS TO PRINT ON CUSTOMER ORDER INVOICE.	1 = YES 0 = NO
BOKOP	1	0	BOOKING RECORD OPTION A CODE TO DETERMINE IF THE CUSTOMER DESIRES CUSTOMER ORDER BOOKING RECORDS IN MONTHLY ACTIVITY FILE.	0 = NO BOOKING RECORDS PLACED IN MTHACT FILE 1 = BOOKING RECORDS PLACED IN MTHACT FILE
BOPRV	1	0	PREV BACKORDERS ON INVOICE A CODE TO DETERMINE IF CUSTOMER DESIRES A NOTATION OF ITEMS THAT WERE PREVIOUSLY BACKORDERED TO PRINT ON CUSTOMER ORDER INVOICES.	1 = PRINT ON INVOICE 0 = DON'T PRINT ON INVOICE
BUILD	1		BUILD RECORD INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	B,

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
CAIND	1	0	P/R CASH ACCT IND A ONE INDICATES CASH ACCOUNTING IS IN EFFECT; A ZERO INDICATES ACCRUAL ACCOUNTING IS IN EFFECT.	*FILE - > SYSC TL RECD CODE - > CX * PAYROLL
CARYF	3	0	CARRYING COST PERCENT	
CBKLS	5	0	CRITICAL BLOCK REQUIREMENT USED INTERNALLY DURING SYSTEM TAILORING	
CDATE	6	0	CHECK DATE DATE THE CHECK WAS WRITTEN.	(YYMMDD) *FILE - > CHECKB * YYMMDD
CFEOT	6	0	CALENDAR FILE END DATE	IF 0 - FILE NOT CREATED
CFMFG	1	0	CALENDAR FILE MAINTENANCE FLAG	1 = NO CHANGE 2 = CHANGE/UPDATE *FILE - > SYSC TL RECD CODE - > CH * 0 = NO CHANGE 1 = CHANGE
CFORM	1	0	CHECK FORM	
CFSDT	6	0	CALENDAR FILE START DATE	IF 0 - FILE NOT CREATED
CHAGE	1		FILE SIZE/INSTALL. CHANGE IND. USED INTERNALLY DURING SYSTEM TAILORING	
CHAIN	6		F/S FILE DEPENDENCY DEPENDENCY ORIGINAL FILE FROM WHICH SIZING FOR ANOTHER FILE CAN BE DONE	
CJSEQ	2	0	CASH DISBURSEMENT JRNAL SEQ CASH DISBURSEMENT JOURNAL NUMBER. AP-5,AP-6	
CLDPM	2	0	CALENDAR DAYS PER MONTH	
CLSTP	1	0	STOCK STATUS EXTRACT FLAGS	1 = PERIOD END 2 = YEAR END
COIND	1	0	MULTICOMPANY INDICATOR INDICATES WHETHER MORE THAN ONE COMPANY IS SUPPORTED BY THE INSTALLED APPLICATIONS. THIS CODE MAY ONLY BE CHANGED BY RERUNNING THE QUESTIONNAIRE.	0 = NO, 1 = YES
COM	8	0	COMBINE REQUIREMENTS INTERVAL TABLE A FOUR ELEMENT ARRAY WHICH CONTAINS THE NUMBER OF WORKDAYS TO COMBINE UP GROUP REQUIREMENTS DURING PLANNING. THE COMBINE REQUIREMENTS CODE (CHREQ) DETERMINES WHICH OF THE ELEMENTS WILL BE SELECTED.	4 ELEMENTS EACH 3.0 PACKED YYMMDD
COMMC	1	0	COMMISSION WORKSHEET A CODE TO DETERMINE IF CUSTOMER DESIRES A COMMISSION WORKSHEET PRINTED DURING PERIOD CLOSE OF ORDER ENTRY.	
COMNM	15		COMPANY NAME THE NAME WHICH APPEARS AT THE TOP OF EACH REPORT. IF THERE IS MORE THAN ONE COMPANY, EACH COMPANY MAY HAVE A DIFFERENT NAME. IT CAN ONLY BE CHANGED BY RERUNNING THE QUESTIONNAIRE.	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
CPDFS	30		MENU (JOB) DESCRIPTION USED INTERNALLY DURING SYSTEM TAILORING	
CPIND	1	0	SHIFT DIFFERENTIAL AS PERCENT INDICATOR	
COTNO	1	0	CURRENT QUARTER # A NUMBER REPRESENTING THE QUARTER OF THE YEAR THAT THIS PAY PERIOD IS IN.	
CROSS	1	0	CROSSFOOT QUANTITIES A CODE TO DETERMINE IF A CUSTOMER DESIRES CROSSFOOTING OF ORDER QUANTITY, SHIP QUANTITY AND BACKORDER QUANTITY FOR AN ITEM. FORMULA IS SHQTY * BOGTY	1 = CROSSFOOT 0 = DON'T CROSSFOOT
CSTCD	1	0	COST CALCULATION METHOD FOR ACCT.	1 = STANDARD 2 = AVERAGE 3 = LAST
CTLWH	1		CENTRAL WAREHOUSE	
CUOTE	6	0	CURRENT DATE THE DATE FROM WHICH THE OTHER PLANNING DATES ARE DERIVED. THIS DATE IS CHANGED WHEN THE PLANNING HORIZON SHIFTS. TYPICALLY THE NET CHANGE PLANNING WILL BE RUN DAILY WHILE THE CURRENT DATE WILL BE CHANGED WEEKLY.	YYMMDD
CURDT	6	0	DATE LAST COSTED - CURRENT DATE OF THE LAST PDM'S PRODUCT COSTING RUN INVOLVING CURRENT COSTS.	YYMMDD
CYIND	1	0	COUNTY INDICATOR INDICATES A REQUIREMENT FOR COUNTY TAX WITHHOLDING.	
CYLSZ	7	0	CONSTANT FOR PLACING CTL RECS IN DIR FLS USED INTERNALLY DURING SYSTEM TAILORING	
DAIND	1	0	DAY OF WEEK IND USED TO DETERMINE IF A VALID DAY NUMBER HAS BEEN ENTERED. ALSO USED TO INDICATE THAT TRANSACTIONS WILL BE ENTERED DAILY.	
DAT	16	0	COMBINE REQUIREMENTS DATE TABLE A FOUR ELEMENT ARRAY WHICH CONTAINS THE DATE FROM WHICH TO BEGIN CALCULATING THE PERIOD BOUNDARIES WHEN REQUIREMENTS ARE TO BE COMBINED. THE COMBINE REQUIREMENTS CODE (CMREQ) DETERMINES WHICH OF THE DATES WILL BE SELECTED	4 ELEMENTS EACH 6.0 PACKED YYMMDD
DATCHG	1	0	AGE FOR SERVICE CHARGE CALCULATION FIRST PERIOD LATE CHARGES CALCULATION AGE PERIOD SUBJECT TO LATE CHARGES.	1, 2, 3, 4 INITIAL VALUE = 4 MAXIMUM VALUE = 4
DATIM	13	0	RUN DATE & TIME SYSTEM DATE AND TIME OF DAY A PROGRAM WAS STARTED.	POSITIONS 1- 6 = DATE IN YMD FORMAT. POSITIONS 8-13 = TIME.
DAYMAX	2	0	MAXIMUM DAYS IN ACCOUNTING PERIOD MAXIMUM NUMBER OF DAYS BETWEEN STATEMENTS.	INITIAL VALUE = 35
DAYMIN	2	0	MINIMUM DAYS IN ACCOUNTING PERIOD MINIMUM NUMBER OF DAYS BETWEEN STATEMENTS.	INITIAL VALUE = 25

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
DCIMI	1	0	INTERFACE INDICATOR INTERFACE FROM DATA COLLECTION TO INVENTORY 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
DCIND	1		NUMERIC OR ALPHA INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	I,1-9,
DCPCI	1	0	INTERFACE INDICATOR INTERFACE FROM DATA COLLECTION TO PRODUCTION CONTROL 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
DCPRI	1	0	INTERFACE INDICATOR INTERFACE FROM DATA COLLECTION TO PAYROLL 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
DCXX1	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
DCXX2	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
DCXX3	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
DDDD#	6		DUMMY FIELD FOR IMAGE FILES THIS IS A DUMMY FIELD FOR OBA. IGNORE IT	*FILE - > CJNTP RECORD CODE - > DD#* THIS FILE IS AN IMAGE OF CONPRC *FILE - > CUSTP RECORD CODE - > DD#* THIS FILE IS AN IMAGE OF CUSMAS *FILE - > DSKCTL RECORD CODE - > A * THIS FILE IS AN IMAGE OF SYSCTL *FILE - > DSKSIZ * THIS FILE IS AN IMAGE IF SIZOST *FILE - > HOLDFL RECORD CODE - > DD#* THIS FILE IS AN IMAGE OF OPNMAT *FILE - > ORDEXT RECORD CODE - > DD#* THIS FILE IS AN IMAGE OF ORDATA *FILE - > ORDTMP RECORD CODE - > DD#* THIS FILE IS AN IMAGE OF ORDSUM *FILE - > QYTMP RECORD CODE - > DD#* THIS FILE IS AN IMAGE OF QTYPRC *FILE - > RWORK2 RECORD CODE - > DD#* THIS FILE IS AN IMAGE OF RWORK1 *FILE - > SHPTMP RECORD CODE - > DD#* THIS FILE IS AN IMAGE OF SHPMAS *FILE - > SYSLOK RECORD CODE - > 01 * THIS RECORD IS RELATIVE RECORD ONE. IT HAS NO DEFINED DATA FIELDS. IT IS RETRIEVED FOR UPDATE BY PROGRAMS MAINTAINING DIRECT FILE CHAIN STRUCTURES TO LOCK OUT OTHER PROGRAMS PERFORMING THE SAME FUNCTION. *FILE - > SYSLOK RECORD CODE - > 10 * THIS RECORD IS RELATIVE RECORD NUMBER TEN. IT IS USED TO CHECKPOINT THE STATUS OF JOBS IN THE JOBQ. IT CONTAINS A COPY OF THE LOCAL DATA AREA. *FILE - > TAXTMP RECORD CODE - > DD#* THIS FILE IS AN IMAGE OF TAXR0D
DEF	1		ALPHABETIC DEFAULT USED INTERNALLY DURING SYSTEM TAILORING	Y,N,

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC PJS	FIELD DESCRIPTION	CHARACTERISTICS
DEFLT	7		NUMERIC DEFAULT USED INTERNALLY DURING SYSTEM TAILORING	
DELINQ	1	0	DELINQUENT AGE PERIOD THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING AS TO WHICH AGE PERIOD YOU CONSIDER DELINQUENT.	1, 2, 3, 4 INITIAL VALUE = 4 MAXIMUM VALUE = 4
DESCP	27		DESCRIPTION USED INTERNALLY DURING SYSTEM TAILORING	
DEVPT	3	1	COST DEVIATION PERCENT COST DEVIATION PERCENT. IF AN INVENTORY TRANSACTION CAUSES THE USER SELECTED COST TO CHANGE BY AT LEAST THIS PERCENT, A WARNING MESSAGE WILL BE PRINTED ON THE INVENTORY TRANSACTION REGISTER.	
DIRCT	1		DIRECT FILE CODE	D = DIRECT FILE
DJSEQ	2	0	PAYROLL JOURNAL SEQ NO	PAYROLL
DNA	1		ARRAY USED FOR CONSTANTS WORKFILE USED INTERNALLY DURING SYSTEM TAILORING	A,N,D,G,P,
DOEND	1		DD/END CHARACTER USED INTERNALLY DURING SYSTEM TAILORING	D,E,
DSBCH	3	0	DISKETTE BATCHES THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING AS TO HOW MANY DISKETTE BATCHES YOU WANTED.	
DSC,1	5	3	DISCOUNT % 1 THE DISCOUNT PERCENTAGE THAT THIS CUSTOMER RECEIVES ON CUSTOMER ORDER INVOICE. CORRESPONDS TO A 1 IN ITDCD OF CUSTOMER MASTER OR AMR,1 IF TRADE DISCOUNT APPLIES.	
DSC,2	5	3	DISCOUNT % 2 THE DISCOUNT PERCENTAGE THAT THIS CUSTOMER RECEIVES ON CUSTOMER ORDER INVOICE CORRESPONDS TO A 2 IN ITDCD OF CUSTOMER MASTER OR AMR,2 IF TRADE DISCOUNT APPLIES	
DSC,3	5	3	DISCOUNT % 3 THE DISCOUNT PERCENTAGE THAT THIS CUSTOMER RECEIVES ON CUSTOMER ORDER INVOICE. CORRESPONDS TO A 3 IN ITDCD OF CUSTOMER MASTER OR AMR,3 IF TRADE DISCOUNT APPLIES	
DSC,4	5	3	DISCOUNT % 4 THE DISCOUNT PERCENTAGE THAT THIS CUSTOMER RECEIVES ON CUSTOMER ORDER INVOICES. CORRESPONDS TO A 4 IN ITDCD OF CUSTOMER MASTER OR AMR,4 IF TRADE DISCOUNT APPLIES.	
DSC,5	5	3	DISCOUNT % 5 THE DISCOUNT PERCENTAGE THAT THIS CUSTOMER RECEIVES ON CUSTOMER ORDER INVOICES. CORRESPONDS TO A 5 IN ITDCD OF CUSTOMER MASTER OR AMR,5 IF TRADE DISCOUNT APPLIES.	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
DSGHS	3	0	DSGSZ SIZE PRIOR TO INSTALL/TAILORED RUN USED INTERNALLY DURING SYSTEM TAILORING	
DSGNO	3	0	NUMBER OF DISKETTE ENTRY SEGMENTS CONTAINS THE NUMBER OF DISKETTE SEGMENTS THAT YOU SPECIFIED FOR A TRANSACTION FILE DURING SYSTEM TAILORING	
DSGSZ	5	0	NUMBER OF RECORDS PER DISKETTE SEGMENT CONTAINS THE SIZE OF EACH DISKETTE SEGMENT IN RECORDS THAT YOU SPECIFIED FOR A TRANSACTION FILE DURING SYSTEM TAILORING	
DSKSZ	5	0	DISKETTE BATCH SIZE THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING AS TO HOW MANY INVOICES/CREDIT MEMOS YOU WANT IN A DISKETTE BATCH.	
DTE	80	0	DATE INTERVAL ARRAY A 20 ELEMENT ARRAY CONTAINING THE PERIOD DATES USED FOR THE REQUIREMENTS PLANNING REPORT. THERE ARE THREE DTE ARRAYS AND THE PERIOD INTERVAL CODE (PINTV) IS USED TO SELECT THE PROPER ONE.	20 ELEMENTS EACH (6.0)
DTFMT	1	0	REPORT DATE FORMAT FORMAT SELECTED BY USER DURING INSTALL FOR DISPLAY OR PRINTING OF DATES.	1 = MDY 2 = DMY 3 = YMD
DTLPL	6	0	DATE OF LAST LIFO/FIFO PURGE LIST	YYMMDD
DTNAM	1	0	DCSS TURNAROUND NO. TO COMPONENT ISSUES	0 = NO 1 = YES
EDATA	73		EXTENDED VARIABLE USED INTERNALLY DURING SYSTEM TAILORING	
EDBII	.1	0	INTERFACE INDICATOR	
EDBIT	1	0	INTERFACE INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
EDIMI	1	0	INTERFACE INDICATOR	
EDPCI	1	0	INTERFACE INDICATOR	
EEFIC	7	0	EMPLOYEE FICA PAYABLE GENERAL LEDGER ACCOUNT NUMBER FOR THE EMPLOYEE'S FICA DEDUCTION.	
ENTPR	1	0	ENTRY TIME PRICING	1 = ENTRY TIME PRICING 0 = INVOICE TIME PRICING
EONEQ	2		EQUAL, NOT EQUAL CODE USED INTERNALLY DURING SYSTEM TAILORING	EQ*NE
ERFEX	7	0	EMPLOYER FICA EXPENSE GENERAL LEDGER ACCOUNT NUMBER FOR THE EMPLOYER'S FICA ACCOUNT.	PAYROLL
ERFIC	7	0	EMPLOYER FICA PAYABLE GENERAL LEDGER ACCOUNT NUMBER FOR THE EMPLOYER'S FICA PAYABLE ACCOUNT.	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
FCSCD	1	0	FORECAST/REQUIREMENT CODE IF A MASTER LEVEL ITEM IS TO BE FORECAST THIS CODE WILL SIGNIFY WHETHER THE FORECAST WILL IN FACT BE A REQUIREMENT AND AFFECT THE REQUIREMENTS PLAN. NOTE: THE USER MUST ACTIVATE THIS FUNCTION DURING SYSTEM TAILORING.	0 = FORECAST ONLY 1 = FORECAST EQUALS REQUIREMENT
FFPER	2	0	FIRST FISCAL PERIOD THE FIRST GENERAL LEDGER ACCOUNTING PERIOD FOR A COMPANY. IT IS ENTERED IN THE QUESTIONNAIRE AND CANNOT BE CHANGED ONCE TRANSACTIONS HAVE BEEN ENTERED. IT IS ALWAYS 1 FOR 13-PERIOD ACCOUNTING.	
FILBT	1		FILE STATUS BYTE THE STATUS OF A FILE AS PROCEDURES ARE EXECUTED. VALUES ARE: A - APPLICATION/FILE NOT ACTIVE 0 - FILE ACTIVE OR DOES NOT EXIST 1 - FILE EXISTS WITH OR WITHOUT DATA 2 - FILE HAS NO ERRORS	
FILE1	6		F/S WORK FILE - 1 USED INTERNALLY DURING SYSTEM TAILORING	
FILE2	6		F/S WORK FILE - 1 USED INTERNALLY DURING SYSTEM TAILORING	
FILE3	6		F/S WORK FILE - 3 USED INTERNALLY DURING SYSTEM TAILORING	
FILE4	6		F/S WORK FILE - 4 USED INTERNALLY DURING SYSTEM TAILORING	
FILE5	6		F/S WORK FILE - 5 USED INTERNALLY DURING SYSTEM TAILORING	
FILE6	6		F/S WORK FILE - 6 USED INTERNALLY DURING SYSTEM TAILORING	
FILE7	6		F/S WORK FILE - 7 USED INTERNALLY DURING SYSTEM TAILORING	
FILE8	6		F/S WORK FILE - 8 USED INTERNALLY DURING SYSTEM TAILORING	
FILE9	6		F/S WORK FILE - 9 USED INTERNALLY DURING SYSTEM TAILORING	
FIL01	1	0	FILLER #SKIPD	
FIL012	1		FILLER #SKIPD	
FIL013	1		FILLER #SKIPD	
FIL014	1		FILLER #SKIPD	
FIL015	1		FILLER #SKIPD	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
FIL02	2		FILLER #SKIPD	
FIL03	3		FILLER #SKIPD	
FIL06	6		FILLER #SKIPD	
FIL11	11		FILLER #SKIPD	
FIL13	13		FILLER #SKIPD	
FIL18	18		FILLER #SKIPD	
FIL27	27		FILLER #SKIPD	
FITND	1	0	FIT SICK PAY TAXABLE IND AN INDICATOR USED TO TAX SICK PAY FOR FEDERAL TAXES.	
FIXBK	5	0	FIXED DISK BLOCK CAPACITY USED INTERNALLY DURING SYSTEM TAILORING	
FLOCE	1	0	OVERFLOW ON PRINTING OF COMPONENT EXPLO	0 = NO OVERFLOW 1 = OVERFLOW
FMACT	1	0	FILE MAINTENANCE ACTIVITY CODE INDICATES WHETHER MRP MAINTENANCE ACTIVITY IS IN PROCESS.	
FNCTN	40		FUNCTION DESCRIPTION USED INTERNALLY DURING SYSTEM TAILORING	
FOREC	1	0	FEATURE/OPTIONS CONTAINS THE LAST RESPONSE TO THE FEATURE/OPTIONS QUESTION IN THE PDM QUESTIONNAIRE. SET DURING THE PDM QUESTIONNAIRE.	*FILE - > SYSC TL RECORD CODE - > EP * 0 = NO 1 = YES
FOTEM	20	0	FEATURE/OPTIONS TEMPLATE AN ARRAY OF TWENTY ELEMENTS, ONE POSITION EACH. EACH ELEMENT CAN ONLY CONTAIN '0' '1' OR '2' FOR THE MAXIMUM FIELD SIZE OF EACH FEATURE'S OPTION NUMBER. THE ARRAY CAN BE CONSIDERED A TEMPLATE THAT IS LAID OVER A S-NUMBER TO LOCATE WHICH OPTION WAS SELECTED FOR ITS RESPECTIVE FEATURE. THE S-NUMBER IS A MANUALLY ENTERED FIELD WHERE THE USER SPECIFIES WHICH OPTION IS DESIRED WITH THE IMPLICITLY ASSOCIATED FEATURES. SEE FEATURE/OPTIONS HANDLING TECHNIQUE. THE TEMPLATE OR ARRAY IS SET UP BY THE PDM QUESTIONNAIRE ONLY WHEN FEATURE/OPTIONS HAVE BEEN SELECTED.	
FPPER	2	0	FIRST PROCESSING PERIOD THE FIRST ACCOUNTING PERIOD IN WHICH TRANSACTIONS WILL BE ENTERED FOR GENERAL LEDGER.	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
FRSTC	1		FIRST CHARACTER OF FILE LABEL	INDUSTRY DESIGNATOR OR ALTERNATE CHARACTER FOR DATA ENTRY FILES *FILE - > SYSTL RECORD CODE - > CD * INDUSTRY DESIGNATOR OR ALTERNATE CHARACTER FOR DATA ENTRY FILES
FSCPR	1	0	FISCAL PERIOD INDICATOR DETERMINES WHETHER A 12-MONTH OR 13-PERIOD ACCOUNTING CYCLE IS USED. THIS IS ENTERED IN THE QUESTIONNAIRE AND MAY NOT BE CHANGED AFTER PROCESSING HAS BEGUN. ALL COMPANIES MUST USE THE SAME CYCLE.	0 = 12 MONTHS 1 = 13 PERIODS
FSGIO	1		PROCEDURE SEGMENT ID	
FSIND	1	0	FICA SICK PAY TAXABLE IND	
FSTS1	1		RESTART STATUS	N = NOT RESTARTABLE Y = RESTARTABLE
FSTS2	1		CHECKPOINT STATUS	A = ACTIVE C = CLEARED
FUACT	1	0	FILE USE ACTIVITY CODE INDICATES WHETHER OR NOT MRP FILE(S) ARE IN USE.	
FULRP	1	0	FULL MRP CONTAINS THE LAST RESPONSE TO THE ENHANCED MRP QUESTION IN THE PDM QUESTIONNAIRE. SET DURING THE PDM QUESTIONNAIRE. WILL BE ZERO (NO) IF PRODUCT COSTING IS SELECTED BECAUSE THE I/M B-RECORDS ARE ALREADY REQUESTED.	*FILE - > SYSTL RECORD CODE - > EP * .0 = NO 1 = YES
FUTAGE	1	0	FUTURE AGING THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING IF YOU HAVE FUTURE AGING OF INVOICES.	1 = YES 0 = NO
F01LN	1	0	FEATURE 1 OPTION FIELD SIZE FIRST ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 1. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSTL RECORD CODE - > EF * '0', '1', OR '2'
F02LN	1	0	FEATURE 2 OPTION FIELD SIZE SECOND ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE OPTIONS OF FEATURE 2. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSTL RECORD CODE - > EF * '0', '1', OR '2'
F03LN	1	0	FEATURE 3 OPTION FIELD SIZE THIRD ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 3. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSTL RECORD CODE - > EF * '0', '1', OR '2'
F04LN	1	0	FEATURE 4 OPTION FIELD SIZE FOURTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 4. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSTL RECORD CODE - > EF * '0', '1', OR '2'
F05LN	1	0	FEATURE 5 OPTION FIELD SIZE FIFTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 5. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSTL RECORD CODE - > EF * '0', '1', OR '2'
F06LN	1	0	FEATURE 6 OPTION FIELD SIZE SIXTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 6. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSTL RECORD CODE - > EF * '0', '1', OR '2'
F07LN	1	0	FEATURE 7 OPTION FIELD SIZE SEVENTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 7. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSTL RECORD CODE - > EF * '0', '1', OR '2'

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
F08LN	1	0	FEATURE 8 OPTION FIELD SIZE EIGHTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 8. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSCTL RECORD CODE - > EF * '0','1', OR '2'
F09LN	1	0	FEATURE 9 OPTION FIELD SIZE NINTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 9. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSCTL RECORD CODE - > EF * '0','1', OR '2'
F10LN	1	0	FEATURE 10 OPTION FIELD SIZE TENTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 10. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSCTL RECORD CODE - > EF * '0','1', OR '2'
F11LN	1	0	FEATURE 11 OPTION FIELD SIZE ELEVENTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 11. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSCTL RECORD CODE - > EF * '0','1', OR '2'
F12LN	1	0	FEATURE 12 OPTION FIELD SIZE TWELFTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 12 SET BY PDM QUESTIONNAIRE.	*FILE - > SYSCTL RECORD CODE - > EF * '0','1', OR '2'
F13LN	1	0	FEATURE 13 OPTION FIELD SIZE THIRTEENTH ELEMENT OF THE OPTION SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 13. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSCTL RECORD CODE - > EF * '0','1', OR '2'
F14LN	1	0	FEATURE 14 OPTION FIELD SIZE FOURTEENTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 14. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSCTL RECORD CODE - > EF * '0','1', OR '2'
F15LN	1	0	FEATURE 15 OPTION FIELD SIZE FIFTEENTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 15. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSCTL RECORD CODE - > EF * '0','1', OR '2'
F16LN	1	0	FEATURE 16 OPTION FIELD SIZE SIXTEENTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 16. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSCTL RECORD CODE - > EF * '0','1', OR '2'
F17LN	1	0	FEATURE 17 OPTION FIELD SIZE SEVENTEENTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 17. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSCTL RECORD CODE - > EF * '0','1', OR '2'
F18LN	1	0	FEATURE 18 OPTION FIELD SIZE EIGHTEENTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 18. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSCTL RECORD CODE - > EF * '0','1', OR '2'
F19LN	1	0	FEATURE 19 OPTION FIELD SIZE NINETEENTH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 19. SET BY PDM QUESTIONNAIRE.	*FILE - > SYSCTL RECORD CODE - > EF * '0','1', OR '2'
F20LN	1	0	FEATURE 20 OPTION FIELD SIZE TWENTIETH ELEMENT OF THE OPTION FIELD SIZE TEMPLATE. FIELD SIZE FOR OPTIONS OF FEATURE 20. SET BY PDM QUESTIONNAIRE.	'1' OR '2' *FILE - > SYSCTL RECORD CODE - > EF * '0','1', OR '2'
GEMMC	1	0	G/L WORKSHEET A CODE TO DETERMINE IF CUSTOMER DESIRES A GENERAL LEDGER WORKSHEET PRINTED DURING PERIOD CLOSE.	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
GJSEQ	2	0	G/L JOURNAL SEQ NO THE GENERAL JOURNAL SEQUENCE NUMBER FOR A COMPANY. IT IS INITIALIZED TO 1 AND INCREMENTED BY 1 FOR EACH GENERAL JOURNAL PRINTED.	GENERAL LEDGER
GLANA	7	0	ADJUSTMENT GENERAL LEDGER NUMBER ACCOUNT NUMBER TO WHICH ADJUSTMENT AMOUNTS ARE POSTED.	
GLANC	7	0	CASH GENERAL LEDGER NUMBER ACCOUNT NUMBER TO WHICH CASH RECEIVED AMOUNT IS POSTED.	
GLAND	7	0	DISCOUNT GENERAL LEDGER NUMBER ACCOUNT NUMBER TO WHICH DISCOUNT AMOUNT IS POSTED.	
GLANL	7	0	SERVICE CHARGE GENERAL LEDGER NUMBER ACCOUNT NUMBER TO WHICH SERVICE CHARGE AMOUNT IS POSTED.	
GLANO	7	0	GENERAL LEDGER ACCOUNT NUMBER NUMBER CORRESPONDING TO AN ACCOUNT IN YOUR CHART OF ACCOUNTS.	
GLANW	7	0	WRITE-OFF ADJUSTMENT GENERAL LEDGER NO. ACCOUNT NUMBER TO WHICH WRITE-OFF ADJUSTMENT AMOUNT IS POSTED.	
GLAPN	7	0	A/P ACCOUNT NUMBER ACCOUNTS PAYABLE ACCOUNT NUMBER.	ACCOUNTS PAYABLE
GLCSH	7	0	A/P CASH-IN-BANK G/L ACCOUNT NUMBER CASH-IN-THE-BANK ACCOUNT NUMBER.	
GLDIS	7	0	G/L DISCOUNT EARNED ACCOUNT NUMBER DISCOUNT ACCOUNT NUMBER.	
GLFIT	7	0	FIT PAYABLE GENERAL LEDGER ACCOUNT NUMBER FOR THE FEDERAL INCOME TAX AMOUNT.	
GLFMA	1	0	G/L FILE MAINT ALLOWED THE CONTROL BYTE WHICH DETERMINES BY COMPANY WHETHER OR NOT CURRENT YEAR MAINTENANCE IS ALLOWED FOR GENERAL LEDGER ACCOUNTS. NO CURRENT MAINTENANCE ALLOWED AFTER FIRST JOURNAL ENTRY BATCH IS ENTERED FOR THAT COMPANY.	0 = NOT ALLOWED 1 = ALLOWED
GLPCS	7	0	PAYROLL CASH GENERAL LEDGER ACCOUNT NUMBER FOR PAYROLL CASH-IN-BANK.	
GLPOST	1	0	POST TO GENERAL LEDGER THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING WHETHER OR NOT YOU WANT GENERAL LEDGER DISTRIBUTION.	1 = YES 0 = NO
GLSFD	7	0	SHIFT DIFFERENTIAL EXPENSE GENERAL LEDGER ACCOUNT NUMBER FOR SHIFT DIFFERENTIAL EXPENSE.	
GLTEM	7	0	G/L TEMGEN RECORD COUNT RECORD COUNT REQUIRED BY GENERAL LEDGER FOR TEMGEN FILE. GLTEM IS ADDED TO APTM, PRTEM, AND ARTEM TO SIZE CAPACITY OF TEMGEN.	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
GLUFB	7	0	UNION FRINGE BENEFITS EXPENSE GENERAL LEDGER ACCOUNT NUMBER FOR EMPLOYER PAID UNION FRINGE BENEFITS.	
GLXX1	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
GLXX2	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
GLXX3	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
GPA	13	0	GENERAL LEDGER ARRAY CONTROLS BY COMPANY THE STATUS OF GENERAL LEDGER AND THE FUNCTIONS THAT MAY BE PERFORMED BY GENERAL LEDGER MENU OPTIONS.	13 1 - BYTE ELEMENTS 0 = NO TRANSACTIONS EXIST 1 = TRANSACTIONS ENTERED 2 = TRANSACTIONS POSTED 3 = PERIOD CLOSED 4 = YEAR-END AUDIT SUCCESSFUL
GPCALC	1	0	GROSS PROFIT CALCULATION METHOD THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE METHOD YOU WANT TO CALCULATE GROSS PROFIT, AS A PERCENT OF COST OR AS A PERCENT OF SALES.	1, 2 *FILE - > SYSCTL RECORD CODE - > RA * 1 = PERCENT OF SALES 2 = PERCENT OF COST
GRPNO	5	0	GROUP NUMBER FORMS PART OF THE KEY OF THE GENERAL LEDGER STATEMENT FORMAT FILE. REPRESENTS A LINE ENTRY ON THE BALANCE SHEET OR INCOME STATEMENT. IN CREATING THE FRMTS, THIS NUMBER IS PROGRAM GENERATED. IT CAN BE TYPED BY THE USER FOR INSERTION BETWEEN EXISTING STATEMENT LINES.	
HBITS	1		F/S INSTALLED BIT PROFILE 1 USED INTERNALLY DURING SYSTEM TAILORING	
HBIT2	1		F/S INSTALLED BIT PROFILE 2 USED INTERNALLY DURING SYSTEM TAILORING	
HFNUM	2	0	HIGHEST FEATURE NUMBER THE HIGHEST ALLOWED FEATURE NUMBER AS PER THE PDM QUESTIONNAIRE SERIES OF OPTION FIELD SIZE QUESTIONS. SET DURING THE PDM QUESTIONNAIRE.	
HIKFY	10	0	HIGH RANGE KEY THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE DEFAULT COMPANY/CUSTOMER NUMBER YOU WANT TO USE AS THE UPPER LIMIT FOR STATEMENT PRINTING. IT MUST BE EQUAL TO OR GREATER THAN LOWKY.	HIGHEST KEY
HILIM	7		HIGH VALUE LIMIT USED INTERNALLY DURING SYSTEM TAILORING	
HIRG	1	0	HIGH RANGE KEY THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE DEFAULT COMPANY/CUSTOMER NUMBER YOU WANT TO USE AS THE UPPER LIMIT FOR THE ATB PRINTING. IT MUST BE EQUAL TO OR GREATER THAN LOWRG.	HIGHEST KEY

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
HRMAX	7	2	MAXIMUM HOURLY CHECK THE MAXIMUM AMOUNT THE COMPANY EXPECTS A CHECK TO BE WRITTEN FOR AN HOURLY EMPLOYEE	
HSPRS	1		QUESTIONNAIRE HEADING SUPPRESSION USED INTERNALLY DURING SYSTEM TAILORING	
IAVGF	2	2	INVENTORY AVERAGING FACTOR	
IDENT	3		SCRAMBLED USER ID OPERATOR ID ASSOCIATED WITH A PASSWORD IN THE FORMAT IT IS STORED IN THE SECURITY CONTROL FILE	
IFMND	1	0	I/M FILE MAINTENANCE ACTIVE/ NOT DONF	0 = NO 1 = YES
IMA	20		STP RUN DEFAULT OPTIONS	
IMA,01	1		ORDER RELEASE CUSTOMER SELECTION OPTION	*FILE - > SYSCTL RECORD CODE - > MA * 1 = ALL ITEMS ON CUSTOMER ORDERS 2 = ONLY ITEMS WITH *S* NUMBERS
IMA,02	1		PCH ORDER SEQ OPTIONS	*FILE - > SYSCTL RECORD CODE - > MA * 1 = DUE DATE 2 = PLANNER/DUE DATE 3 = ITEM 4 = PLANNER/ITEM 5 = VENDOR/ORDER 6 = VENDOR/DUE DATE 7 = PLANNER/VENDOR/DUE DATE
IMA,03	1		MFG ORDER SEQ OPTIONS	1 = DUE DATE 2 = PLANNER/DUE DATE 3 = ITEM 4 = PLANNER/ITEM 5 = START DATE 6 = PLANNER/START DATE
IMA,04	1		PCH/MFG ORDER SEQ. OPTION	*FILE - > SYSCTL RECORD CODE - > MA * 1 = DUE DATE 2 = PLANNER/DUE DATE 3 = ITEM 4 = PLANNER/ITEM
IMA,05	1		PURCH. ORDER ITEM PRINT OPTION	*FILE - > SYSCTL * 1 = PRINT 0 = NOT PRINT *FILE - > SYSCTL RECORD CODE - > MA * 0 = NOT PRINT 1 = PRINT
IMA,06	1		MFG. ORDER ITEM PRINT OPTION	*FILE - > SYSCTL RECORD CODE - > MA * 0 = NOT PRINT 1 = PRINT
IMA,07	1		MFG. ORDER COMP. EXP. PRT. OPTION	*FILE - > SYSCTL RECORD CODE - > MA * 0 = NOT PRINT 1 = PRINT
IMA,08	1		ARC ANALYSIS CALC. OPTION	1 = COST 2 = PRICE
IMA,09	1		FINANCIAL ANALYSIS SEQ OPTION	1 = ITEM NUMBER 2 = VENDOR 3 = DATE OF LAST USE 4 = PROFIT AMOUNT 5 = PROFIT PERCENT 6 = ON HAND COST
IMA,10	1		STUCK MOVEMENT SEQ OPTION	*FILE - > SYSCTL RECORD CODE - > MA * 1 = ITEM NUMBER 2 = VENDOR 3 = DATE OF LAST USE
IMA,11	1		REORDER SEQ. OPTION	1 = WAREHOUSE 2 = VENDOR 3 = ITEM
IMA,12	1		REORDER PRT OPTION	*FILE - > SYSCTL RECORD CODE - > MA * 0 = NOT PRINT 1 = PRINT

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
IMA*13	1		STOCK STATUS REVIEW SEQUENCE	*FILE - > SYSCYL RECORD CODE - > MA * 1 = ITEM 2 = CLASS 3 = VENDOR
IMA*14	1		STOCK STATUS PER/YR END SEQUENCE	1 = ITEM 2 = CLASS
IMA*15	1		REPORT SEQ OPTIONS LIFO/FIFO VALUATION	1 = WAREHOUSE 2 = ITEM 3 = ITEM TYPE 4 = ITEM CLASS
IMA*16	1		UNIT COST FOR LIFO/FIFO VALUATION REPORT	1 = STANDARD 2 = AVERAGE 3 = LAST
IMA*17	1		TOT. PHY./CYC. CNT. LIST OPTIONS	*FILE - > SYSCYL RECORD CODE - > MA * 1 = ITEM 2 = WAREHOUSE 3 = STOCK LOCATION
IMA*18	1		QTY. ON-HAND PRT. CYC. CNT. LIST	0 = NOT PRINT 1 = PRINT
IMA*19	1		CYCLE PERIOD PER CYC. CNT. LIST	*FILE - > SYSCYL RECORD CODE - > MA * 1 = MONTHLY 2 = QUARTERLY 3 = YEARLY 4 = ON DEMAND
IMAXD	7	0	MAXIMUM NUMBER INVOICES PER DAY A NUMBER DETERMINED BY THE CUSTOMER DURING SYSTEM TAILORING. USED TO GENERATE FILE SIZES. BECOMES THE DEFAULT VALUE.	
IMAXM	7	0	MAXIMUM NUMBER INVOICES PER MONTH A NUMBER DETERMINED BY THE CUSTOMER DURING SYSTEM TAILORING. USED TO GENERATE FILE SIZES. BECOMES THE DEFAULT VALUE.	
IMBII	1	0	INTERFACE INDICATOR	
IMDCI	1	0	INTERFACE INDICATOR INTERFACE FROM INVENTORY CONTROL TO DATA COLLECTION 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
IMEDI	1	0	INTERFACE INDICATOR INTERFACE FROM INVENTORY TO PRODUCT DATA MANAGEMENT 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
IMPCI	1	0	INTERFACE INDICATOR INTERFACE FROM INVENTORY TO PRODUCTION CONTROL 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
IMPTQ	1	0	IMREC PRIOR TO QUESTIONNAIRE SET IN FILE SIZING AFTER QUESTIONNAIRE IS ANSWERED. REFLECTS THE 'A' OR 'A/B' SITUATION OF THE I/M FILE PRIOR TO THE QUESTIONNAIRE RUN WHEN FILE SIZING IS RUN. SINCE IMREC IS SET DURING THE PDM QUESTIONNAIRE, THE FILE SIZING SECTION MUST KNOW IMREC'S STATUS PRIOR TO THE QUESTIONNAIRE. FILE SIZING THEN SIZES CORRECTLY AND AFTERWARDS SETS IMPTQ=IMREC.	1 = 'A' ONLY 2 = BOTH 'A' AND 'B'

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
IMREC	1	0	ITEM MASTER RECORDS/ITEM INDICATES WHETHER PRODUCT COSTING OR ENHANCED MRP OR NEITHER WERE SELECTED WHEN LAST RESPONDED TO IN THE PDM QUESTIONNAIRE. A '1' SAYS THERE WILL ONLY BE, BESIDES THE CONTROL RECORD, A-RECORDS IN THE I/M FILE AND '2' SAYS THERE WILL BE A 'A' AND A 'P' FOR EVERY ITEM IN THE I/M FILE. SET DURING THE PDM QUESTIONNAIRE BEFORE FILE SIZING. SEE IMPTQ.	1 = 'A' ONLY 2 = BOTH 'A' AND 'P'
IMRPI	1	0	INTERFACE INDICATOR	
IMSAI	1	0	INTERFACE INDICATOR INTERFACE FROM INVENTORY TO SALFS ANALYSIS 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
IMXX1	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
IMXX2	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
IMXX3	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
INDEX	2	0	INDEX FOR ABOVE ARRAY A MAINTENANCE FIELD USED TO ADDRESS ARRAYS IN THE SDATA FIELD OF THE CONSTANTS FILE. A SEPARATE HZ RECORD IS REQUIRED FOR EACH ARRAY ELEMENT TO BE CHANGED. CHARGE EACH ELEMENT OF AN ARRAY-TYPE RECORD.	1-99,
INPRT	1	0	INTERNAL ONLY PRINT	1 = YES 0 = NO
INTYP	1	0	INVOICE TYPE	1 = INVOICE TYPE 1 2 = INVOICE TYPE 2
INVTR	1	0	PROCESS TRANS. IN BATCH MODE PROCESSING MODE FOR INVENTORY TRANSACTION ENTRY.	0 = NO 1 = YES
INX	2	0	INDEX FOR ARRAY TESTED USED INTERNALLY DURING SYSTEM TAILORING	1-99,
IPIND	1	0	INTERCOMPANY PAYABLE INDICATOR	
ISGHS	3	0	ISGSZ SIZE PRIOR TO INSTALL/TAILORED PUN USED INTERNALLY DURING SYSTEM TAILORING	
ISGNO	3	0	NUMBER OF WS SEGMENTS CONTAINS THE NUMBER OF INTERACTIVE SEGMENTS THAT YOU SPECIFIED FOR A TRANSACTION FILE DURING SYSTEM TAILORING	
ISGSZ	5	0	NUMBER OF RECORDS PER SEGMENT CONTAINS THE SIZE OF EACH INTERACTIVE SEGMENT IN RECORDS THAT YOU SPECIFIED FOR A TRANSACTION FILE DURING SYSTEM TAILORING	
ITEMS	7	0	NUMBER OF ITEMS IN I/M CONTAINS THE LAST RESPONSE TO THE "NUMBER OF ITEMS IN THE I/M FILE" QUESTION IN THE PDM, INVENTORY OR DE&I QUESTIONNAIRE. SET DURING THE QUESTIONNAIRE CHANGING IT.	

FIELD NAME DATA DICTIONARY

FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
JRLKS	5	0	J FILES BLOCK REQUIREMENT USED INTERNALLY DURING SYSTEM TAILORING	
KEYLH	2	0	KEY LENGTH KEY LENGTH FOR KEY OF INDEXED FILE	
KEYST	3	0	KEY STARTING POSITION POSITION IN INDEXED FILE RECORD WHERE THE KEY FIELD BEGINS	
KYBLD	2		NUMERIC ARRAY ELEMENT WHOSE VALUE SHOULD USED INTERNALLY DURING SYSTEM TAILORING	01-99,
LDACP	256		LOCAL DATA AREA IMAGE CONTAINS A COPY OF THE LOCAL DATA AREA AT THE POINT IN TIME A JOB'S PROCEDURE WAS CHECKPOINTED.	
LENGH	1	0	FIELD LENGTH USED INTERNALLY DURING SYSTEM TAILORING	1-9,
LEVEL	2	0	LOW LEVEL PROCESS THE LEVEL THAT YOU WANT THE MASTER LEVEL PLANNING RUN TO STOP. THIS IS A USER DEFINED FIELD ENTERED DURING SYSTEM TAILORING.	
LIBBK	5	0	SYSTEM LIBRARY BLOCK REQUIREMENT USED INTERNALLY DURING SYSTEM TAILORING	
LIFOM	1	0	LIFO/FIFO SUPPRT	0 = NONE 1 = LIFO 2 = FIFO 3 = BOTH
LINE1	40		DESCRIPTION LINE 1 USED INTERNALLY DURING SYSTEM TAILORING	
LINE2	40		DESCRIPTION LINE 2 USED INTERNALLY DURING SYSTEM TAILORING	
LINE3	40		DESCRIPTION LINE 3 USED INTERNALLY DURING SYSTEM TAILORING	
LINE4	40		DESCRIPTION LINE 4 USED INTERNALLY DURING SYSTEM TAILORING	
LOCAT	1	0	PREFERRED SPINDLE LOCATION USED INTERNALLY DURING SYSTEM TAILORING	1 OR 2
LOIND	1	0	LOCAL INDICATOR INDICATES THERE IS A REQUIREMENT TO WITHHOLD A LOCAL OR MUNICIPAL TAX FROM THE EMPLOYEE'S CHECK.	0= NO LOCAL TAX TO BE TAKEN 1= LOCAL TAX TO BE TAKEN
LOLIM	7		LOW VALUE LIMIT USED INTERNALLY DURING SYSTEM TAILORING	
LOOPCL	6		LOOP CONTROL 0 = NOT AUTOMATICALLY TAKEN BY SYSTEM 1 = FIRST CYCLE OF MONTH	
LORNO	6	0	LAST SYS. GEN. ORDER NO.	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
LOWKY	10	0	LOW RANGE KEY THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE DEFAULT COMPANY/CUSTOMER NUMBER YOU WANT TO USE AS THE LOWER LIMIT FOR STATEMENT PRINTING. IT MUST BE EQUAL TO OR LOWER THAN HIKEY.	LOWEST KEY
LOWRG	10	0	LOW RANGE KEY THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE DEFAULT COMPANY/CUSTOMER NUMBER YOU WANT TO USE AS THE LOWER LIMIT FOR THE ATB PRINTING. IT MUST BE EQUAL TO OR LOWER THAN HIRGE.	LOWEST KEY
LTCGMN	7	2	MINIMUM SERVICE CHARGE THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE MINIMUM SERVICE CHARGE TO BE APPLIED TO A CUSTOMER.	
MAPBK	5	0	APPLICATION LIBRARY BLOCK REQUIREMENT USED INTERNALLY DURING SYSTEM TAILORING	
MAXCK	7	0	MAXIMUM CHECK A/P THE AMOUNT THAT, IF EXCEEDED, WILL CAUSE A WARNING TO PRINT. NO WARNING IS PRINTED IF MAXCK IS ZERO.	THE AMOUNT THAT, IF EXCEEDED, WILL CAUSE A WARNING MESSAGE TO PRINT. NO WARNING IS PRINTED IF MAXCK IS ZERO.
MAXDA	2	0	MAXIMUM HOURS PER DAY THE MAXIMUM HOURS PER DAY AN EMPLOYEE MAY BE EXPECTED TO REPORT.	
MAXWK	2	0	MAXIMUM HOURS PER WEEK THE MAXIMUM HOURS PER WEEK AN EMPLOYEE MAY BE EXPECTED TO REPORT.	
MBTCH	3	0	MAINTENANCE/DATA ENTRY NUMBER THE BATCH NUMBER ASSIGNED BY THE SYSTEM TO A BATCH OF DATA ENTERED DURING FILE MAINTENANCE OR DATA ENTRY. THIS NUMBER IS INCREMENTED BY ONE FOR EACH SESSION.	
MDATE	6	0	DATE THIS RECORD LAST MAINTAINED THE LAST DATE ON WHICH ANY CHANGES WERE MADE TO THIS RECORD IN YYYYMM DD FORMAT.	YYMMDD
MENUE	6		MENU USED INTERNALLY DURING SYSTEM TAILORING	
MFIND	1	0	PRINT MANUFACTURING FIELDS IND 1 = PRINT MANUFACTURING FIELDS CONTROLS PRINTING AND DISPLAY OF UNIQUE FIELDS LIKE WORK CENTER, OPERATION SEQUENCE NUMBER ETC.	
MINBL	7	0	MINIMUM BALANCE THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE DEFAULT MINIMUM BALANCE SELECTION OPTION FOR THE ATB PRINTING.	
MLIPC	1	0	MASTER LEVEL ITEM PRINT CODE INDICATES WHETHER OR NOT THE MASTER LEVEL ITEM REPORT WILL AUTOMATICALLY PRINT DURING A PLANNING RUN. THIS IS A USER DEFINED FIELD ENTERED DURING SYSTEM TAILORING.	0 = NO PRINT 1 = PRINT
MLTWH	1	0	MORE THAN ONE WAREHOUSE MULTIPLE WAREHOUSE CODE	0 = NO 1 = YES

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
MNUO	4		MENU AND OPTION NUMBER LAST TWO CHARACTERS OF A MENU NAME PLUS THE TWO DIGIT OPTION NUMBER SELECTED TO RUN A PARTICULAR JOB.	LAST TWO CHARACTERS OF MENU NAME PLUS 2-DIGIT OPTION NUMBER. 00-24. OPTION 00 = MENU TITLE.
MOADJ	5	0	MONTHLY ADJUSTMENTS THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE NUMBER OF ADJUSTMENTS YOU WILL ENTER IN ANY ONE MONTH.	
MOINV	5	0	MONTHLY INVOICES THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE MAXIMUM NUMBER OF INVOICES ENTERED IN ANY ONE MONTH.	
MONMGA	38		LINE 1 MESSAGE THIS FIELD CONTAINS THE 1ST LINE OF MESSAGE ENTERED DURING STATEMENTS REQUEST. IT REMAINS UNTIL A NEW MESSAGE IS ENTERED ON A STATEMENT REQUEST.	LINE 1 MESSAGE
MONMGB	38		LINE 2 MESSAGE THIS FIELD CONTAINS THE 2ND LINE OF MESSAGE ENTERED DURING STATEMENTS REQUEST. IT REMAINS UNTIL A NEW MESSAGE IS ENTERED ON A STATEMENT REQUEST.	LINE 2 MESSAGE
MONMGC	38		LINE 3 MESSAGE THIS FIELD CONTAINS THE 3RD LINE OF MESSAGE ENTERED DURING STATEMENTS REQUEST. IT REMAINS UNTIL A NEW MESSAGE IS ENTERED ON A STATEMENT REQUEST.	LINE 3 MESSAGE
MPLWH	1		MRP PLANNING WAREHOUSE	
MPPPC	1	0	PURCHASE PLANNING PRINT CODE INDICATES WHETHER OR NOT THE PURCHASE PLANNING REPORT WILL AUTOMATICALLY PRINT DURING A PLANNING RUN. A USER DEFINED FIELD ENTERED DURING SYSTEM TAILORING.	0 = NO PRINT 1 = PRINT
MPXFC	5	3	F/S MULTIPLICATION FACTOR	
MRPPC	1	0	REQUIREMENTS PLANNING PRINT CODE INDICATES WHETHER OR NOT THE PURCHASE REQUIREMENTS PLANNING REPORT WILL AUTOMATICALLY PRINT DURING A PLANNING RUN. A USER DEFINED FIELD ENTERED DURING SYSTEM TAILORING.	0 = NO PRINT 1 = PRINT ALL 2 = PRINT ONLY ACTIVE 3 = PRINT ONLY EXCEPTIONS 4 = PRINT MLI
MRPRO	1	0	REQUIREMENTS PLANNING REPORT OPTION IF A REQUIREMENTS PLANNING REPORT IS TO BE AUTOMATICALLY PRINTED DURING A PLANNING RUN, THIS FIELD DETERMINES THE REPORT OPTION. A USER DEFINED FIELD ENTERED DURING SYSTEM TAILORING.	1 = INTERVAL PLAN 1 2 = INTERVAL PLAN 2 3 = INTERVAL PLAN 3 4 = ITEM DESIGNATED 5 = DETAIL PLAN
MRXX1	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
MRXX2	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
MRXX3	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
NACRM	6	0	NEXT AVAILABLE CREDIT MEMO	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC PUS	FIELD DESCRIPTION	CHARACTERISTICS
NAINV	6	0	NEXT AVAILABLE INVOICE	
NAORD	6	0	NEXT AVAILABLE ORDER	
NDEX	2	0	INDEX FOR ARRAY USED INTERNALLY DURING SYSTEM TAILORING	1-99,1-20,
NOACT	3	0	NO. OF ACCOUNTS THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE NUMBER OF ACCOUNTS YOU WILL HAVE IN YOUR CHART OF ACCOUNTS FOR G/L DISTRIBUTION.	
NOCUS	7	0	NO. OF CUSTOMERS THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE NUMBER OF CUSTOMERS YOU HAVE.	
NRORG	1		F/S REORGANIZATION CODE SPECIFIES THE CONDITIONS UNDER WHICH REORGANIZATION CAN OCCUR N = NO AUTOMATIC REORGANIZATION OF THIS FILE CAN OCCUR S = THIS FILE CANNOT BE SELECTED FOR REORGANIZATION (BLANK) = THIS FILE MAY BE REORGANIZED WHEN THE APPLICATION DETERMINES THAT IT IS NECESSARY	
NTCHG	1	0	NET CHANGE PLANNING INDICATES WHETHER OR NOT THE NET CHANGE FUNCTION IS ACTIVE. A USER DEFINED FIELD ENTERED DURING SYSTEM TAILORING.	0 = NO NET CHANGE PLANNING 1 = NET CHANGE PLANNING
OCLIN	64		OCL STATEMENTS	
OCLDU	64		OCL STATEMENTS	
OCMFG	1	0	MFG. ORDER CLOSE FLAG	
OCODE	1		F/S RECORD TYPE DESIGNATES THE FILE TYPE FOR SYSTEM TAILORING USAGE	*FILE - > SYSCTL RECORD CODE - > CD * P = "PERMANENT" MASTER FILE T = "TEMPORARY" FILE (NOT DATA ENTRY) J = "J" JOB LEVEL FILE Q = PERMANENT DATA ENTRY FILE R = TEMPORARY DATA ENTRY FILE S = RESERVE "J" SPACE - DON'T CREATE FILE STATEMENT *FILE - > SYSCTL RECORD CODE - > CP * *C* *B* = DEDICATED *FILE - > SYSCTL RECORD CODE - > XC * *X*
OCOST	7	2	COST OF PLACING AN ORDER	
OCPPG	1	0	PCH. ORDER CLOSE FLAG	
OIPCT	3	0	OPEN ITEM PERCENT THIS FIELD CONTAINS THE DIFFERENCE OF THE RESPONSE TO BALANCE FORWARD PERCENT OF CUSTOMERS AND 100.	
OMAXL	7	0	AVG. NO. LINE ITEMS PER CUST. ORDER	
OMAXN	7	0	MAX. NO. NEW ORDERS ENTERED PER MONTH	
OMAXO	7	0	MAX. NO. ORDERS OPEN AT ONE TIME	
OMITD	1		ACTION DESIRED CONCERNING DEFAULT	P, A, O,

FIELD NAME DATA DICTIONARY

FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
OOMTF	1	0	OPEN ORDER MATERIAL FILE	0 = NO 1 = YES
OPIND	1	0	OPERATION INDICATOR INFORMATION ENTERED THROUGH PAYROLL WILL RECORD THE VARIOUS OPERATIONS ASSOCIATED WITH A PARTICULAR JOB.	0= OPERATION NUMBERS WILL NOT BE ENTERED 1= OPERATION NUMBERS WILL BE ENTERED.
OPTDS	59		OPTION DESCRIPTION	
OPTN	1		INSTALL TIME OPTION CODE	A-Z,0-9.
OPTON	2		OPTION	
ORIPC	1	0	ORDER RECOMMENDATION BY ITEM PRINT CODE INDICATES WHETHER THE ORDER RECOMMENDATION BY ITEM WILL AUTOMATICALLY PRINT DURING A PLANNING RUN. A USER DEFINED FIELD ENTERED DURING SYSTEM TAILORING.	0 = NO PRINT 1 = PRINT
ORRUN	1	0	ORDER RELEASE RUN CODE INDICATES WHETHER OR NOT AN ORDER RELEASE RUN IS IN PROCESS.	0 = NOT IN PROCESS 1 = IN PROCESS
ORTKM	1	0	ORDER TRACKING OPTION FOR MFG. ORDERS	*FILE - > SYSCTL RECORD CODE - > MA * 0 = NO 1 = YES
ORTKP	1	0	ORDER TRACKING OPTION FOR PURCH. ORDERS	*FILE - > SYSCTL RECORD CODE - > MA * 0 = NO 1 = YES
ORXPC	1	0	ORDER RECOMMENDATION BY EXCEPTION PRINT CODE	0 = NO PRINT 1 = PRINT
OTYPE	1	0	ORDER TYPE	1 = INDIVIDUAL ITEM RELEASE 2 = STANDARD ITEM RELEASE 3 = BLANKET ORDER RELEASE
OVLGH	2	0	OVERDUE DISPLACEMENT THE NUMBER OF DAYS BETWEEN THE START DATE AND THE CURRENT DATE. A USER SPECIFIED VALUE WHICH DETERMINES HOW MANY DAYS INTO THE PAST ARE ALLOWED BEFORE RESCHEDULING MUST OCCUR.	DAYS
PACKD	1		PACKED FIELD INDICATOR	P.
PAIND	1	0	PRINT ADDRESS ON CHECK IND CONTROLS PRINTING EMPLOYEE ADDRESSES ON THE CHECKS.	
PARM*1	4		PARAMETER	
PARM*2	4		PARAMETER	
PARM*3	4		PARAMETER USED INTERNALLY DURING SYSTEM TAILORING	
PARM*4	4		PARAMETER USED INTERNALLY DURING SYSTEM TAILORING	
PARM*5	4		PARAMETER USED INTERNALLY DURING SYSTEM TAILORING	
PARM*6	4		PARAMETER USED INTERNALLY DURING SYSTEM TAILORING	
PARM*7	4		PARAMETER USED INTERNALLY DURING SYSTEM TAILORING	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
PARMO	4		FIRST PARAMETER 0 = NOT AUTOMATICALLY TAKEN BY SYSTEM 1 = FIRST CYCLE OF MONTH	
PASND	5	0	PAYMENT SELECTION NO PAYMENT SELECTION NO A REQUESTED NUMBER INDICATING THE RELATIVE INVOICE NUMBER ON THE OPEN PAYABLES FILE IF THE VOUCHER NO. OPTION WAS CHOSEN DURING SYSTEM TAILORING, THIS FIELD WILL CONTAIN THE VOUCHER NUMBER ORIGINALLY ENTERED WITH THE INVOICE.	
PAYOF	1	0	PAYOFFS SELECTED	
PCDCI	1	0	INTERFACE INDICATOR INTERFACE FROM PRODUCTION CONTROL TO DATA COLLECTION 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
PCIMI	1	0	INTERFACE INDICATOR	
PCKNO	6	0	P/R BEGINNING CHECK NO	
PCSTG	1	0	PRODUCT COSTING CONTAINS THE LAST RESPONSE TO THE PRODUCT COSTING QUESTION IN THE PDM QUESTIONNAIRE. SET DURING THE PDM QUESTIONNAIRE.	*FILE - > SYSCTL RECORD CODE - > EP * 0 = NO 1 = YES
PCXX1	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
PCXX2	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
PCXX3	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
PFMND	1	0	P/S FILE MAINTENANCE ACTIVE/NOT DONE	0 = NO 1 = YES
PICCS	1	0	PHY. INV. CYCLE CNT. SUPT.	0 = NO 1 = YES
PIKPC	1	0	PICK LIST PRINT CODE	0 = NOT MANDATORY 1 = MANDATORY 2 = PRINTED
PJSEQ	2	0	PURCHASE JRNL SEQ NO A SEQUENTIAL BATCH NUMBER WHICH IS PART OF JRFNO	ACCOUNTS PAYABLE
PLCHG	1	0	PLANNING DATE CHANGE FLAG INDICATES WHETHER OR NOT THE PLANNING DATES HAVE CHANGED SINCE THE LAST PLANNING RUN.	0 = NOT CHANGED 1 = CHANGED
PLRUN	1	0	PLANNING RUN CODE INDICATES WHETHER OR NOT A PLANNING RUN IS IN PROCESS.	*FILE - > SYSCTL RECORD CODE - > QA * 0 = NOT IN PROCESS 1 = IN PROCESS
PMENU	4		MENU NAME & OPTION NUMBER USED INTERNALLY DURING SYSTEM TAILORING	
PRMDO	1	0	PURCHASE OR MFG. ORDER TRACKING THIS FIELD WILL CONTAIN A "1" IF EITHER PURCHASE ORDER OR MANUFACTURE ORDER TRACKING WAS SELECTED AT STP TIME WITHOUT DIRECTLY ASKING THE QUESTION IN THE QUESTIONNAIRE.	0 = NO 1 = YES

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
POSN	3	0	STARTING POSITION IN CONSTANTS FILE RECORD USED INTERNALLY DURING SYSTEM TAILORING	1-128
PRACR	7	0	ACCRUED SALARY AND WAGES GENERAL LEDGER ACCOUNT NUMBER FOR ACCRUED SALARIES AND WAGES.	
PRAPN	7	0	P/R INTERCOMPANY PAYABLE GENERAL LEDGER ACCOUNT NUMBER FOR INTERCOMPANY PAYROLL PAYABLES.	
PRARN	7	0	P/R INTERCOMPANY RECEIVABLE GENERAL LEDGER ACCOUNT NUMBER FOR INTERCOMPANY PAYROLL RECEIVABLES.	
PRCNA	8		F/S PROCEDURE NAME USED INTERNALLY DURING SYSTEM TAILORING	
PRCNM	2		PROCEDURE NAME USED INTERNALLY DURING SYSTEM TAILORING	LAST TWO CHARACTERS OF NAME OF PROCEDURE
PRCOR	1		F/S OPTIONAL SIZING USED INTERNALLY DURING SYSTEM TAILORING	'X' - OR, * * *FILE - > SYSCTL RECORD CODE - > CP * 1-9 , A-Z
PRDCI	1	0	INTERFACE INDICATOR INTERFACE FROM PAYROLL TO DATA COLLECTION. 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
PREVI	1	0	PREV INVOICE NUMBER ON INVOICE W CODE, SELECTED BY THE CUSTOMER AT SYSTEM TAILORING, TO DETERMINE IF PREVIOUS INVOICE NUMBER SHOULD PRINT ON CUSTOMER ORDER INVOICES.	1 = YES 0 = NO
PRGLI	1	0	INTERFACE INDICATORS INTERFACE FROM PAYROLL TO GENERAL LEDGER 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	0 = NO INTERFACE DESIRED 1 = INTERFACE DESIRED 2 = INTERFACE ACTIVATED
PRIOR	1		PRIORITY SEQUENCE FOR EXECUTION COLLATING SEQUENCE - PRIORITY FOR APPEARANCE OF FILE STATEMENTS WITHIN THE TAILORED FILES PROCEDURE. THE MORE OFTEN A FILE IS REFERRED TO BY AN APPLICATION, THE SMALLER THE NUMBER OF ITS PRIORITY	1-9 , A-Z
PRPCI	1	0	INTERFACE INDICATOR INTERFACE FROM PAYROLL TO PRODUCTION CONTROL 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
PRTCD	1	0	PROTECTED EMPLOYEES INCLUDED	
PRTEM	7	0	P/R TEMGEN RECORD COUNT RECORD COUNT REQUIRED BY PAYROLL FOR TEMGEN FILE. PRTEM IS ADDED TO APTEM, ARTEM, AND GLTEM TO SIZE CAPACITY OF TEMGEN.	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
PRTTY	1	0	PRINT TYPE THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE DEFAULT FOR SUMMARY, DETAIL, OR SINGLE LINE OPTION SELECTION FOR ATB PRINTING.	1 = DETAIL 2 = SUMMARY 3 = SINGLE LINE
PRXX1	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
PRXX2	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
PRXX3	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
PSRUN	1	0	PRODUCT STRUCTURE UPDATE CODE INDICATES WHETHER OR NOT A PRODUCT STRUCTURES MAINTENANCE RUN (PDM) IS IN PROCESS.	
PSSKY	4		SCRAMBLED PASSWORD SECURITY PASSWORD IN THE FORMAT IN WHICH IT IS STORED IN THE SECURITY CONTROL FILE.	
QDATE	12	0	LAST QUESTIONNAIRE RUN DATE USED INTERNALLY DURING SYSTEM TAILORING	
QUEST	1		INDICATOR FOR BUILDING LAST TWO POSITIONS USED INTERNALLY DURING SYSTEM TAILORING	?, ?, ,A-Z,0-9
QMRP	1	0	QUESTIONNAIRE MRP PRINT THE QUESTIONNAIRE RESPONSE TO AUTOMATICALLY PRINT THE REQUIREMENTS PLANNING REPORT.	*FILE - > SYSCTL RECORD CODE - > QA * 0 = NO PRINT 1 = PRINT
QOUEI	1	0	QUESTIONNAIRE CUSTOMER ORDER CODE INDICATES WHETHER OR NOT YOU WANT TO INCLUDE CUSTOMER ORDERS IN THE MATERIAL REQUIREMENTS PLANNING SYSTEM. THIS IS A USER DEFINED FIELD ENTERED DURING SYSTEM TAILORING.	*FILE - > SYSCTL RECORD CODE - > QA * 0 = CUSTOMER ORDER NOT INCLUDED 1 = INCLUDE CUSTOMER ORDERS
RATIO	5	2	CRITICAL RATIO THE MANUFACTURING ORDER CRITICAL RATIO IS THE TIME REMAINING ON AN ORDER DIVIDED BY THE WORK REMAINING IN AN ORDER. THE TIME REMAINING IS EXPRESSED AS THE DIFFERENCE IN SHOP DAYS BETWEEN THE ORDER DUE DATE AND THE ORDER START DATE (OR THE SYSTEM RUN DATE IF IT IS MORE CURRENT). THIS VALUE IS REPLACED WITH ZERO WHEN IT GOES NEGATIVE. THE WORK REMAINING IS THE DIFFERENCE IN SHOP DAYS BETWEEN THE SCHEDULED COMPLETION DATE AND THE ORDER START DATE (OR A MORE CURRENT RUN DATE). WHEN AN ORDER'S CRITICAL RATIO IS LOWER THAN THE CRITICAL RATIO OF ANOTHER ORDER, THEN THE FIRST ORDER IS MORE CRITICAL THAN THE SECOND ORDER.	
RCDCD	2		RECORD CODE THE TWO CHARACTER ALPHAMERIC CODE MUST APPEAR IN EACH RECORD. IT IDENTIFIES THE RECORD TO THE PROCESSING PROGRAM AND IS ALSO USED FOR RECORD SEQUENCING. THE CODE VALUES ARE AA TO ZZ AND 00 TO 99.	*FILE - > AMS003 RECORD CODE - > S * S *FILE - > CUSEXT RECORD CODE - > EA * EA
RDESC	65		REPORT DESCRIPTION USED INTERNALLY DURING SYSTEM TAILORING	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
REBLD	1	0	FILE REBUILD INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
RECDL	3	0	RECORD LENGTH LENGTH OF EACH RECORD IN THE FILE	
RECNR	5		RECORD NUMBER A FIELD FOR THE SEQUENCE NUMBER GENERATED BY THE INVENTORY APPLICATION AT THE ORIGINAL DATA ENTRY CYCLE POINT. THIS NUMBER, INCREMENTED BY TEN, CONTROLS THE SEQUENCE OF THE FILE BEING BUILT AND PERMITS CORRECTIONS, INSERTIONS, AND ADDITIONS TO THE FILE.	KEY
REDTE	6	0	RELEASE DATE A DATE DERIVED BY ADDING THE NUMBER OF RELEASE DAYS TO THE CURRENT DATE. ORDERS SCHEDULED TO START BEFORE OR ON THIS DATE ARE MARKED FOR RELEASE.	
REFMT	1	0	*REFORMAT* FILE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
REFN1	4	0	TRANS. EDITLIST REF. NO.	
REFN2	4	0	TRANS. REGISTER REF. NO.	
REFN3	4	0	ORDER RELEASE REF. NO.	
REIND	1	0	P/R RECONCILIATION IND INDICATES THAT AUTOMATIC CHECK RECONCILIATION WILL BE PERFORMED BY THE PAYROLL APPLICATION. RECORDS WILL BE PUT INTO THE CHECK RECONCILIATION FILE (CHECKR) AT THE TIME PAYROLL CHECKS ARE BEING WRITTEN. 0 = NO RECONCILIATION 1 = YES.	
RELCD	1	0	QUEST. RELOAD CODE THIS FIELD CONTAINS YOUR RESPONSE TO PRINT ALL RECORDS OR PRINT TOTALS ONLY DURING RELOADING OF THE OPENAR FILE.	1 = ALL 2 = TOTALS ONLY
RELOD	1		RELOAD OPTION THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE DEFAULT YOU WANT DURING RELOADING OF THE OPENAR FILE. PRINTING ALL RECORDS OR ONLY TOTALS LOADED.	A = ALL T = TOTALS
RELGH	2	0	RELEASE DISPLACEMENT THE NUMBER OF DAYS BETWEEN THE CURRENT DATE AND THE RELEASE DATE. A USER SPECIFIED VALUE WHICH DETERMINES HOW MANY DAYS INTO THE FUTURE YOU EXPECT TO RELEASE ORDERS. TYPICALLY THE NUMBER OF RELEASE DAYS WILL COINCIDE WITH THE SHIFTING OF THE PLANNING DATES.	
REORG	1	0	REORGANIZATION REQUIRED INDICATES CURRENT STATUS OF A FILE. 0 = FILE OKAY 1 = FILE WITHIN 10% OF CAPACITY 2 = ERRORS, REORGANIZATION REQUIRED	0,1, OR 2 *FILE - > SYSC TL RECORD CODE - > CD * 0,1, OR 2
REUSE	1	0	REUSE DATA ENTRY SEGMENTS INDICATES WHETHER DATA ENTRY SEGMENT SPACE SHOULD BE REUSED IMMEDIATELY AFTER A SEGMENT HAS BEEN COMPLETELY PROCESSED (REUSE = YES) OR KEPT AVAILABLE FOR POSSIBLE REPROCESSING UNTIL MASTER FILES HAVE BEEN SAVED (REUSE = NO).	1 = YES, 0 = NO

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
RFIND	1	0	RECONCILIATION IND	
RFMND	1	0	RT FILE MAINTENANCE ACTIVE/NOT DONE	0 = NO 1 = YES
RHEAD	65		REPORT HEADING USED INTERNALLY DURING SYSTEM TAILORING	
RJSEQ	2	0	RECEIVABLES JOURNAL SEQUENCE NUMBER THIS FIELD CONTAINS THE NUMBER USED TO ASSIGN JOURNAL SEQUENCE CONTROL NUMBERS IF YOU ARE POSTING TO GENERAL LEDGER. IT IS INCREMENTED BY 1 EACH TIME A NEW JOURNAL IS PRINTED FOR A COMPANY.	
ROTP	3	0	REORDER TOLERANCE PERCENT	
RPCNT	2	0	REPORT COUNT	
RPEDI	1	0	INTERFACE INDICATOR USED INTERNALLY DURING SYSTEM TAILORING	
RPIMI	1	0	INTERFACE INDICATOR INTERFACE FROM REQUIREMENTS PLANNING TO INVENTORY 0 = INTERFACE WAS NOT SELECTED 1 = INTERFACE SELECTED BUT NOT ACTIVE 2 = INTERFACE SELECTED AND ACTIVE	
RPROC	6		REORG. PROCEDURE NAME THE NAME OF THE PROCEDURE THAT REORGANIZES OR REFORMATS A FILE	
RPTY	1	0	REPORT TYPE THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE DEFAULT OPTION OF PRINTING ALL STATEMENTS OR A RANGE OF CUSTOMERS.	1 = ALL 2 = RANGE
RRECD	120		REVIEW RECORD DATA	
RSORT	1		F/S SORT SEQUENCE USED INTERNALLY DURING SYSTEM TAILORING	
RSVBK	5	0	RESERVED BLOCK REQUIREMENT USED INTERNALLY DURING SYSTEM TAILORING	
RTFIL	1	0	ROUTING FILE CONTAINS THE LAST RESPONSE TO "DO YOU WANT A ROUTING FILE" QUESTION IN THE PDM QUESTIONNAIRE. MUST BE ZERO (NO) IF WORK CENTER MASTER FILE NOT SELECTED. SET DURING THE PDM QUESTIONNAIRE.	*FILE - > SYSCTL RECORD CODE - > EP * 0 = NO 1 = YES
RVDT	6	0	REVIEW DATE A DATE DERIVED BY ADDING THE NUMBER OF REVIEW DAYS TO THE CURRENT DATE. ALL ORDERS SCHEDULED TO START BEFORE OR ON THIS DATE ARE SUBJECT TO ORDER RELEASE AND REVIEW AND ARE COPIED INTO THE ORDER REVIEW FILE.	YYMMDD
RVIND	1	0	REVERSAL INDICATOR	
RVLGH	2	0	REVIEW DISPLACEMENT THE NUMBER OF DAYS BETWEEN THE CURRENT DATE AND THE REVIEW DATE. A USER SPECIFIED VALUE WHICH DETERMINES HOW MANY DAYS INTO THE FUTURE YOU WISH TO REVIEW ORDERS.	DAYS

FIELD NAME DATA DICTIONARY

FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
SABGN	2	0	FIRST FISCAL SALES ANALYSIS M/P NO. THE MONTH/PERIOD NUMBER IN WHICH YOUR SALES ANALYSIS FISCAL YEAR IS TO BEGIN.	
SACLC	1	0	METHOD OF CALCULATING % OF PROFIT AN INDICATOR USED TO CONTROL WHETHER PROFIT PERCENT IS CALCULATED BY (0) SALES OR (1) COST	0 = % OF SALES 1 = % OF COST
SACLO	2	0	NUMBER OF SALES ANALYSIS CLOSINGS THE NUMBER OF TIMES THE SALES ANALYSIS FILES HAVE BEEN UPDATED IN THIS FISCAL YEAR.	
SACUR	2	0	CURRENT SALES ANALYSIS MONTH OR PD. NO. THE MONTH/PERIOD NUMBER CURRENTLY BEING USED BY THE INTERFACING APPLICATIONS TO POST DATA TO THE SALES ANALYSIS INTERFACE FILES.	
SACUS	1	0	METHOD OF PRINTING CUSTOMER REPORTS AN INDICATOR USED TO CONTROL WHETHER (0) ALL CUSTOMERS OR (1) ONLY CUSTOMERS WITH ACTIVITY THIS MONTH/PERIOD ARE TO PRINT ON CUSTOMER REPORTS.	0 = ALL 1 = THOSE WITH ACTIVITY
SAITM	1	0	METHOD OF PRINTING ITEM REPORTS AN INDICATOR USED TO CONTROL WHETHER (0) ALL ITEMS OR (1) ONLY ITEMS WITH ACTIVITY THIS MONTH/PERIOD ARE TO PRINT ON ITEM REPORTS.	0 = ALL 1 = THOSE WITH ACTIVITY
SANS1	6	0	QUESTION 23 THE NUMBER ENTERED IN REPLY TO THE AVERAGE NUMBER OF CUSTOMERS WHO HAVE ACTIVITY IN A MONTH OR PERIOD QUESTION 23 OF THE SALES ANALYSIS QUESTIONNAIRE.	
SANS2	6	0	QUESTION 24 THE NUMBER ENTERED IN REPLY TO THE NUMBER OF ITEMS AVAILABLE FOR SALES ANALYSIS. QUESTION 24 OF THE SALES ANALYSIS QUESTIONNAIRE.	
SANS3	6	0	QUESTION 25 THE NUMBER ENTERED IN REPLY TO THE AVERAGE NUMBER OF ITEMS THAT HAVE ACTIVITY IN A MONTH OR PERIOD. QUESTION 25 OF THE SALES ANALYSIS QUESTIONNAIRE.	
SANS4	6	0	QUESTION 26 THE NUMBER ENTERED IN REPLY TO HOW MANY SALESMEN DO YOU HAVE. QUESTION 26 OF THE SALES ANALYSIS QUESTIONNAIRE	
SANS5	1	0	QUESTION 17 THE REPLY TO DO YOU WANT TO PRINT REPORTS AT MONTH/PERIOD OR YEAR-END CLOSE. QUESTION 17 OF THE SALES ANALYSIS QUESTIONNAIRE.	0 = NO 1 = YES
SANS6	2	0	QUESTION 08 THE LAST REPLY TO THE COMPANY NUMBER TO WHICH THE FOLLOWING RESPONSES APPLY. QUESTION 08 OF THE SALES ANALYSIS QUESTIONNAIRE.	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
SAURC	1	0	PRINT CUSTOMER SALES ANALYSIS AT CLOSE REPLY TO WHETHER CUSTOMER SALES ANALYSIS WAS SELECTED TO PRINT AT CLOSE (0)=NO, (1) = YES.	0 = NO 1 = YES
SAURI	1	0	PRINT ITEM SALES ANALYSIS AT CLOSE REPLY TO WHETHER ITEM SALES ANALYSIS WAS SELECTED TO PRINT AT CLOSE (0)=NO, (1)= YES	0 = NO 1 = YES
SAURS	1	0	PRINT SALESMAN SALES ANALYSIS AT CLOSE REPLY TO WHETHER SALESMAN SALES ANALYSIS WAS SELECTED TO PRINT AT CLOSE (0)=NO, (1)=YES	0 = NO 1 = YES
SAXX1	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
SAXX2	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
SAXX3	1		INTERNAL INTERFACE FLAG USED INTERNALLY DURING SYSTEM TAILORING	
SCIND	1	0	PRINT STATE/LOCAL REGISTER IND	
SCKEY	6		KEY THE FIELD USED AS THE KEY TO A RECORD IN THE SYSTEM FILE.	*FILE - > SYSC TL RECORD CODE - > CD * FILE NAME *FILE - > SYSC TL RECORD CODE - > CH * *WHOUSE* *FILE - > SYSC TL RECORD CODE - > CP * CPXNNN *FILE - > SYSC TL RECORD CODE - > CX * *GLAPPR* *FILE - > SYSC TL RECORD CODE - > CY * A-Z,0-9 (FOR SCKEY/SYSC TL/CY) *FILE - > SYSC TL RECORD CODE - > FF * *FOTAB1* *FILE - > SYSC TL RECORD CODE - > FP * *PCMREC* *FILE - > SYSC TL RECORD CODE - > IA * *AMBPR* *FILE - > SYSC TL RECORD CODE - > IB * *AMBTM1* *FILE - > SYSC TL RECORD CODE - > IC * *AMBTM2* *FILE - > SYSC TL RECORD CODE - > ID * *AMBOSC* *FILE - > SYSC TL RECORD CODE - > IE * *AMBWSP* *FILE - > SYSC TL RECORD CODE - > MA * *STATIO* *FILE - > SYSC TL RECORD CODE - > MB * *STATI1* *FILE - > SYSC TL RECORD CODE - > RA * *ARSECY* *FILE - > SYSC TL RECORD CODE - > RB * *AGDATE* *FILE - > SYSC TL RECORD CODE - > RC * *MONMSG* *FILE - > SYSC TL RECORD CODE - > RD * ARANXX XX = COMPANY NUMBER

7-37 FIELD NAME DATA DICTIONARY

FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
				*FILE - > SYCTL RECORD CODE - > RX *
				ARSTAT
				*FILE - > SYCTL RECORD CODE - > SI *
				SADFLT
				*FILE - > SYCTL RECORD CODE - > XC *
				XMREPT
SCNDC	1		SECOND CHARACTER OF FILE LABEL USED INTERNALLY DURING SYSTEM TAILORING	*FILE - > SYCTL RECORD CODE - > CD *
				.
SC3SA	1	0	SPECIAL CHARGE 3 TO S/A A CODE, SELECTED BY THE CUSTOMER DURING SYSTEM TAILORING, TO DETERMINE IF CUSTOMER ORDER SPECIAL CHARGE CODE 3 SHOULD BE INCLUDED IN SALES ANALYSIS. THIS APPLIES ONLY IF SALES ANALYSIS IS INTERFACING WITH ORDER ENTRY.	1 = YES 0 = NO
SDATA	40		VARIABLE DATA FIELD A DESCRIPTION FIELD IN THE SYSTEM CONTROL (CONSTANTS) RECORD CONTAINING CONSTANT INFORMATION, AMOUNTS AND PERCENTS.	
SDIF2	3	3	SECOND SHIFT OVERTIME HOURS DIFFERENTIAL THE ADDITIONAL MONEY PAID TO AN EMPLOYEE FOR OVERTIME IN A SHIFT OTHER THAN THE ONE ASSIGNED TO HIM. RECORDED IN CENTS IN 3 DECIMALS.	
SDIF3	3	3	THIRD SHIFT OVERTIME HOURS DIFFERENTIAL SHIFT OVERTIME HOURS DIFFERENTIAL 3.	
SDIND	1	0	SDI INDICATOR INDICATES REQUIREMENT TO WITHHOLD STATE DISABILITY INSURANCE FROM THE EMPLOYEE'S PAY.	
SEGUS	3	0	SEGMENTS IN USE USED INTERNALLY DURING SYSTEM TAILORING	
SEPCM	1	0	AUTO CREDIT MEMO A CODE, SELECTED BY THE CUSTOMER DURING SYSTEM TAILORING, TO PROVIDE CUSTOMER ORDER CREDIT MEMO NUMBER TO BE AUTOMATICALLY ASSIGNED.	
SFIND	1	0	SHIFT DIFFERENTIAL AS BURDEN USED TO INDICATE IF SHIFT DIFFERENTIAL IS TO BE DISTRIBUTED TO DIRECT OR INDIRECT COST IN THE GENERAL LEDGER. IF SO, SHIFT DIFFERENTIAL WILL BE A DIRECT COST.	
SHFD2	3	3	SECOND SHIFT REGULAR HOURS DIFFERENTIAL	
SHFD3	3	3	THIRD SHIFT REGULAR HOURS DIFFERENTIAL	
SHRPT	1	0	MFG. ORDERS SHORTAGE REPORTS	1 = SHORTAGE BY ITEM 2 = SHORTAGE BY ORDER 3 = BOTH 4 = NONE
SIGN*1	1		SIGN USED INTERNALLY DURING SYSTEM TAILORING	C,+, -, /, *
SIGN*2	1		SIGN USED INTERNALLY DURING SYSTEM TAILORING	
SIGN*3	1		SIGN USED INTERNALLY DURING SYSTEM TAILORING	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC PUS	FIELD DESCRIPTION	CHARACTERISTICS
SIGN+4	1		SIGN USED INTERNALLY DURING SYSTEM TAILORING	
SIGN+5	1		SIGN USED INTERNALLY DURING SYSTEM TAILORING	
SIGN+6	1		SIGN USED INTERNALLY DURING SYSTEM TAILORING	
SIGN+7	1		SIGN USED INTERNALLY DURING SYSTEM TAILORING	+,-,/,*^
SIMDT	6	0	LAST SIMULATION DATE THE DATE OF THE LAST PDM'S PRODUCT COST SIMULATION RUN.	
SKPSP	1		SKIP, SPACE AFTER CODE USED INTERNALLY DURING SYSTEM TAILORING	+1+2+3+E
SLMAX	7	2	MAXIMUM SALARY CHECK THE MAXIMUM AMOUNT THE COMPANY EXPECTS A CHECK TO BE WRITTEN FOR A SALARIED PERSON. ABOVE THIS AMOUNT, A WARNING MESSAGE WILL APPEAR ON THE PAYROLL REGISTER.	
SPLBK	5	0	SYSTEM FILES BLOCK REQUIREMENT USED INTERNALLY DURING SYSTEM TAILORING	
SPRM2	3	3	SECOND SHIFT PREMIUM HOURS DIFFERENTIAL THE ADDITIONAL MONEY PAID AN EMPLOYEE FOR PREMIUM TIME IN SECOND SHIFT RECORDED IN CENTS OR PERCENTS IN 3 DECIMALS.	
SPRM3	3	3	THIRD SHIFT PREMIUM HOURS DIFFERENTIAL THE ADDITIONAL MONEY PAID AN EMPLOYEE FOR PREMIUM TIME IN THIRD SHIFT RECORDED IN CENTS OR PERCENTS IN 3 DECIMALS.	
SPRNC	1	0	SPECIAL RUN CODE	
SRACN	3	0	P/S RUN ACTIVITY CONTROL NUMBER THE PRODUCT STRUCTURE RUN ACTIVITY CONTROL NUMBER IS USED TO CONTROL INSERTION OF ITEM MASTER RECORDS INTO ACTIVITY CHAINS. ACTIVITY CHAINS ARE CONSTRUCTED FOR PRODUCT STRUCTURE SUMMARIZED RETRIEVALS AND WHEN ADDITIONS ARE MADE TO THE PRODUCT STRUCTURE FILE. FOR AN EXPLANATION OF ACTIVITY CHAINS AND RUN ACTIVITY CONTROL NUMBER SEE THE COMMON PROCESSING ROUTINES SECTION 3 OF THE PDM ALM.	
SRIND	1	0	SHIFT DIFFERENTIAL REQUIRED	
SRMAX	7	2	MAXIMUM FICA EMPLOYER MAXIMUM DOLLAR AMOUNT OF FICA CONTRIBUTION TO BE PAID BY THE EMPLOYER FOR EACH EMPLOYEE.	
SRPCT	5	3	FICA PERCENT EMPLOYER PERCENT USED TO DETERMINE FICA CONTRIBUTION BY THE EMPLOYER ON THE EMPLOYEE'S TAXABLE GROSS.	

FIELD NAME DATA DICTIONARY

FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
SSMAX	7	2	MAXIMUM FICA EMPLOYEE THE MAXIMUM AMOUNT OF FICA CONTRIBUTION TO BE TAKEN FROM EMPLOYEE DURING THE YEAR.	
SSPCT	5	3	FICA PERCENT EMPLOYEE PERCENT USED TO DETERMINE FICA TO BE TAKEN FROM TAXABLE GROSS.	
SSXDT	6	0	STOCK STATUS EXTRACT DATE	
STATS	1		F/S FILE STATUS USED INTERNALLY DURING SYSTEM TAILORING	I = INCREASED D = DECREASED M = MODIFIED
STCTL	1	0	STATEMENT CONTROL THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE DEFAULT YOU WANT TO USE FOR CONTROLLING THE TYPE OF TRANSACTIONS TO BE PRINTED. OPTIONS ARE ALL UNPRINTED, PAST DUE, OR DELINQUENT.	1 = ALL UNPRINTED 2 = PAST DUE 3 = UNPRINTED DELINQUENT
STDDT	6	0	DATE LAST COSTED - STANDARD DATE OF THE LAST PDM'S PRODUCT COSTING RUN INVOLVING STANDARD COSTS.	YYMMDD
STDE	6	0	HORIZON START DATE THE START DATE OF THE PLANNING HORIZON IS DERIVED BY SUBTRACTING THE NUMBER OF OVERDUE DAYS FROM THE CURRENT DATE. THIS DATE IS THE EARLIEST DATE THE PLANNING SYSTEM WILL ALLOW MASTER LEVEL ITEM REQUIREMENTS. IT IS ALSO THE DATE FROM WHICH THE REPORT PERIOD INTERVALS ARE CALCULATED.	YYMMDD
STIND	1	0	STATE INDICATOR INDICATES A REQUIREMENT TO WITHHOLD A STATE TAX FROM THE EMPLOYEE'S PAY.	0=NO STATE WITHHOLDING 1=STATE WITHHOLDING
STMTYP	1	0	STATEMENT TYPE THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE STATEMENT TYPE YOU WANT. TYPES 1 AND 2 CORRESPOND TO MMAS AND TYPES 3 AND 4 ARE FOR STANDARD NUMBER 12 WINDOW ENVELOPES.	1, 2, 3, 4 1=STATEMENT TYPE 1 2=STATEMENT TYPE 2
SVCR	7	J	SERVICE CHARGE RECORDS THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE NUMBER OF SERVICE CHARGE RECORDS IN THE UPENAR FILE AT ONE TIME.	
SYSDT	1	0	SYSTEM DATE AS ORDER DATE	1 = YES 0 = NO
SZORG	1		REORGANIZATION REQUIRED BY RESIZING USED INTERNALLY DURING SYSTEM TAILORING	BLANK = NOT REQUIRED X = REQUIRED
TAXPC	1	0	TAX BODY DETAIL REPORT	1 = DETAIL 0 = SUMMARY
THEAD	1		TYPE OF HEADING USED INTERNALLY DURING SYSTEM TAILORING	Q,R,
TIMCL	1	0	TIME CONTROL THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE DEFAULT TIME CONTROL FOR ATB PRINTING. OPTIONS ARE LAST STATEMENT, NEXT STATEMENT, OR AS OF A SPECIFIC DATE.	1 = AS OF LAST STATEMENT 2 = AS OF NEXT STATEMENT 3 = SPECIFIC DATE 2 = AS OF NEXT STATEMENT
TMD,1	20		TERMS DESCRIPTION 1	
TMD,2	20		TERMS DESCRIPTION 2	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
TMD,3	20		TERMS DESCRIPTION 3	
TMD,4	20		TERMS DESCRIPTION 4	
TMD,5	20		TERMS DESCRIPTION 5	
TMD,6	20		TERMS DESCRIPTION 6	
TMD,7	20		TERMS DESCRIPTION 7	
TMD,8	20		TERMS DESCRIPTION 8	
TMD,9	20		TERMS DESCRIPTION 9	
TMLPL	6	0	TIME OF LAST LIFO/FIFO PURGE LIST	HHMMSS
TMP,1	5	3	TERMS PERCENT 1	
TMP,2	5	3	TERMS PERCENT 2	
TMP,3	5	3	TERMS PERCENT 3	
TMP,4	5	3	TERMS PERCENT 4	
TMP,5	5	3	TERMS PERCENT 5	
TMP,6	5	3	TERMS PERCENT 6	
TMP,7	5	3	TERMS PERCENT 7	
TMP,8	5	3	TERMS PERCENT 8	
TMP,9	5	3	TERMS PERCENT 9	
TRCBE	2	0	TERMINAL COUNT BENTER	
TRCBI	2	0	TERMINAL COUNT BENTERI	
TRCBM	2	0	TERMINAL COUNT BMAINT	
TRCBR	2	0	TERMINAL COUNT BRELEASE	
UCAPH	7	0	VALUE PRIOR TO TAILORING RUN USED INTERNALLY DURING SYSTEM TAILORING	
UCAPM	7	0	MASTER FILE CAPACITY A MAINTENANCE FIELD WHICH SHOWS THE MAXIMUM NUMBER OF RECORDS THAT CAN BE PUT INTO THIS FILE.	# OF RECORDS
UCNTM	7	0	NUMBER OF MASTER FILE RECORDS A MAINTENANCE FIELD WHICH SHOWS THE NUMBER OF RECORDS ACTUALLY IN THE MASTER FILE.	# OF RECORDS IN THE FILE
UCTLM	7	0	CONTROL RECORD COUNT COUNT OF CONTROL RECORDS WITHIN A FILE	
UDELH	7	0	COUNT OF RECORDS TAGGED FOR DELETE A MAINTENANCE FIELD WHICH INDICATES THE NUMBER OF RECORDS WITH AN ACREC OF D ACTUALLY IN THE FILE.	
UFIND	1	0	UNION INDIRECT IND	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
ULIMIT	7	0	ACTIVE RECORD LIMIT FILE LIMIT AT WHICH REORGANIZATION IS REQUIRED	
UMAXM	7	0	MAXIMUM COUNT MAXIMUM NUMBER OF RECORDS A FILE HAS USED	
UNCSHA	1	0	UNAPPLIED CASH TO AGE FOR OPEN ITEM THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING IF YOU WANT UNAPPLIED CASH AND ADJUSTMENTS TO AGE FOR OPEN ITEM CUSTOMERS. UNAPPLIED FOR BALANCE FORWARDS ALWAYS AGE.	1 = AGE 0 = NO AGE
UNIND	1	0	UNION INDICATOR INDICATES TO THE SYSTEM THAT THERE ARE UNIONS PRESENT AND DEDUCTIONS ARE TO BE TAKEN BY THE SYSTEM. DETERMINE BY A RESPONSE TO A QUESTION IN THE QUESTIONNAIRE.	0 = NO UNIONS 1 = TAKE UNION DEDUCTION.
UNLCD	1	0	QUEST. UNLOAD CODE THIS FIELD CONTAINS YOUR RESPONSE TO PRINT ALL RECORDS OR PRINT TOTALS ONLY DURING UNLOADING OF THE OPENAR FILE.	1 = ALL 2 = PAID ITEM PROOF
UNLDO	1		UNLOAD OPTION THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE DEFAULT YOU WANT DURING UNLOADING OF THE OPENAR FILE. PRINTING ALL RECORDS OR PAID ITEMS.	A = ALL P = PAID ITEM
UPDAT	3	0	# OF CURRENT UNRESTARTABLE W/S JOBS THE NUMBER OF WORKSTATION JOBS WHICH ARE CURRENTLY EXECUTING AND ARE NOT RESTARTABLE	
USRID	3		OPERATOR ID THREE CHARACTER OPERATOR ID ASSOCIATED WITH A SECURITY PASSWORD.	
USRSW	1		USER SWITCHES CONTAINS THE SETTING OF USER SWITCHES ONE THRU EIGHT (U1-U8) AT THE POINT IN TIME A JOBQ PROCEDURE WAS CHECKPOINTED.	STATUS OF U1-U8 IS CONTAINED IN BITS 0 - 7.
VCIND	1	0	VOUCHER NUMBER IND	0=SYSTEM-GENERAL GROUP VOUCHER NUMBER. 1=USER-ENTERED VOUCHER NUMBER.
VMLPL	1	0	LAST LIFO/FIFO VALUATION METHOD	1 = LIFO 2 = FIFO
VSIND	1	0	PRINT VACATION SICK PAY REGISTER IND	
WCFIL	1	0	WORK CENTER FILE CONTAINS THE LAST RESPONSE TO "DO YOU WANT A WORK CENTER MASTER FILE" QUESTION IN THE PDM QUESTIONNAIRE. WILL ALWAYS BE YES IF PCC IS INSTALLED.	*FILE - > SYSCTL RECORD CODE - > EP * 0 = NO 1 = YES
WCIND	1	0	PRINT WORKMEN'S COMP REPORT IND	
WDA	7		WORK WEEK DAY ARRAY	ONE POSITION PER DAY
WDATE	6	0	WEEK ENDING DATE	
WFMD	1	0	W/C FILE MAINTENANCE ACTIVE/NOT DONE	0 = NO 1 = YES

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
WHA	35		WAREHOUSE ARRAY (LIST OF VALID WAREHOUSE CODES)	
WKSID	2		WORK STATION ID THE ID OF THE WORK STATION FROM WHICH A PARTICULAR JOB WAS SELECTED.	
WRKID	2		WORKSTATION ID USED INTERNALLY DURING SYSTEM TAILORING	
WSBCH	3	0	WORK STATION BATCHES THIS FIELD CONTAINS YOUR RESPONSE DURING SYSTEM TAILORING INDICATING THE NUMBER OF WORKSTATION BATCHES YOU WANT.	
WSP,01	2		PICKING SLIPS W/S	
WSP,02	2		BILL OF LADING W/S	
WSP,03	2		OPTIONAL W/S PRT # 1	
WSP,04	2		OPTIONAL W/S PRT # 2	
WSP,05	2		OPTIONAL W/S PRT # 3	
WSP,06	2		OPTIONAL W/S PRT # 4	
YESNO	1		EXPECTED YES/NO VALUE CONTAINS AN OPERATOR RESPONSE TO A YES/NO TYPE QUESTION.	Y,N
YQIND	1	0	PRINT YTD/QTD REGISTER IND	
ZCTL1	1		CONTROL FIELD1 USED INTERNALLY DURING SYSTEM TAILORING	
ZCTL2	1		CONTROL FIELD 2 USED INTERNALLY DURING SYSTEM TAILORING	
WSP,07	2		OPTIONAL W/S PRT # 5	
WSP,08	2		OPTIONAL W/S PRT # 6	
WSP,09	2		OPTIONAL W/S PRT #7	
WSP,10	2		OPTIONAL W/S PRT # 8	
WSP,11	2		OPTIONAL W/S PRT # 9	
WSP,12	2		OPTIONAL W/S PRT #10	
WSP,13	2		OPTIONAL W/S PRT # 11	
WSP,14	2		OPTIONAL W/S PRT # 12	
WSP,15	2		OPTIONAL W/S PRT # 13	
WSP,16	2		OPTIONAL W/S PRT # 14	

FIELD NAME DATA DICTIONARY				
FIELD NAME	LENGTH	DEC POS	FIELD DESCRIPTION	CHARACTERISTICS
WSP*17	2		OPTIONAL W/S PRT # 15	
WSP*18	2		OPTIONAL W/S PRT # 16	
WSP*19	2		OPTIONAL W/S PRT # 17	
WSP*20	2		OPTIONAL W/S PRT # 18	
WSPRT	1	0	WORKSTATION PRINTER SUPPORT	*FILE - > SYSCTL RECORD CODE - > IA * 1 = WORKSTATION PRINTER SUPPORTED 0 = WORKSTATION PRINTER NOT SUPPORTED
YDIND	1	0	PRINT YTD IND.	
YESND	1		EXPECTED YES/NO VALUE CONTAINS AN OPERATOR RESPONSE TO A YES/NO TYPE QUESTION.	Y,N
YQIND	1	0	PRINT YTD/QTD REGISTER IND	
ZCTL1	1		CONTROL FIELD 1 USED INTERNALLY DURING SYSTEM TAILORING	
ZCTL2	1		CONTROL FIELD 2 USED INTERNALLY DURING SYSTEM TAILORING	

Appendix A. Diskette Contents

The following figures show the diskette contents for the system oriented object and source diskettes.

Object code	
Diskette label	Procedure or program ID
AMX000	AMXX3 AMXX3FM AXXB2 AXXB6 AXXB7 AXXFC AXXFD AXXFE AXXXT AXXX1 AXXX1FM AXX10 AXX48 AXX52 AXX55 AXX55FM AXX56 AXX57 AXX80 AMX000 AMXP85 AMXP90 AXXPBC AXXPBE AXXPBF AXXPBG AXXPBH AXXPBI AXXPBM AXXPB0 AXXPB3 AXXPB4 AXXPB5 AXXPB6 AXXPB8

Object code	
Diskette label	Procedure or program ID
AMX000 (continued)	AXXPB9 AXXPFA AXXPFB AXXPFC AXXPFD AXXPFE AXXPF1 AXXPXT AXXPX0 AXXPX1 AXXPX3 AXXPZ1 AXXPZ3 AXXPZ4 AXXP00 AXXP10 AXXP32 AXXP33 AXXP34 AXXP35 AXXP51 AXXP55 AXXP56 AXXP58 AXXP62 AXXP67 AXXP70 AXXP79 AXXP8A AXXP8B AXXP8D AXXP8G AXXP80 AXXP81 AXXP89

Figure A-1. Install/tailor object and source code diskettes (1 of 2)

Object code		Source code	
Diskette label	Procedure or program ID	Diskette label	Procedure or program ID
AMX000 (continued)	AXXP91 AXX02 AXX03 AXX07 AXXP01	AMXS00	AMXS00 AMXX3 AMXX3FM AXXB2 AXXB6 AXXB7 AXXFC AXXFD AXXFE AXXXT AXXX1 AXXX1FM AXX10 AXX48 AXX52 AXX55 AXX55FM AXX56 AXX57 AXX80 AXX02 AXX03 AXX07

Figure A-1. Install/tailor object and source code diskettes (2 of 2)

Object code	
Diskette label	Procedure or program ID
AMXO10	AMXPF0 AMXPQA AMXPQB AMXPQC AMXPQD AMXPQE AMXPQG AMXPQI AMXPQM AMXPQP AMXPQR AMXPQS AMXPQX

Figure A-2. Problem reporting object diskette

Object code	
Diskette label	Procedure or program ID
AMZO01	AMZMX1
	AMZMX1##
	AMZMX2
	AMZMX2##
	AMZMX3
	AMZMX3##
	AMZMX4
	AMZMX4##
	AMZM1
	AMZM1##
	AMZM00
	AMZM00##
	AMZM01
	AMZM01##
	AMZX6
	AMZZV
	AMZZ4
	AMZZ4FM
	AMZ00
	AMZ00FM
	AMZ09
	AXZPZAFM
	AXZPZIFM
	AXZW1
	AXZW1FM
	AXZXS
	AXZX0
	AXZX1
	AXZX5
	AXZZP
	AXZZ1
	AXZZ8
	AXZZ8FM
	AXZ10
	AXZ11
	AXZ32
	AXZ98
	AXZ99
	AMKO01
	AMXO01
	AMZO01
	AXZPBX
	AXZPB4
	AXZPB8
	AXZPTF
	AXZPW0
	AXZPW1
	AXZPW2
	AXZPW4

Object code	
Diskette label	Procedure or program ID
AMZO01 (continued)	AXZPW8
	AXZPXL
	AXZPXR
	AXZPXS
	AXZPXT
	AXZPXU
	AXZPX0
	AXZPX1
	AXZPX5
	AXZPZA
	AXZPZB
	AXZPZC
	AXZPZD
	AXZPZF
	AXZPZG
	AXZPZH
	AXZPZI
	AXZPZJ
	AXZPZK
	AXZPZL
	AXZPZP
	AXZPZQ
	AXZPZS
	AXZPZU
	AXZPZX
	AXZPZZ
	AXZPZ0
	AXZPZ1
	AXZPZ2
	AXZPZ3
AXZPZ4	
AXZPZ5	
AXZPZ6	
AXZPZ7	
AXZPZ8	
AXZPZ9	
AXZPOL	
AXZPOM	

Figure A-3. Resident system object and source code diskettes (1 of 2)

Object code		Source code	
Diskette label	Procedure or program ID	Diskette label	Procedure or program ID
AMZO01 (continued)	AXZP00	AMZS01	AMZS01
	AXZP09		AMZMX1##
	AXZP10		AMZMX1DT
	AXZP11		AMZMX2##
	AXZP12		AMZMX2DT
	AXZP30		AMZMX3##
	AXZP31		AMZMX3DT
	AXZP32		AMZMX4##
	AXZP33		AMZMX4DT
	AXZP55		AMZMZ1##
	AXZP58		AMZMZ1DT
	AXZP59		AMZM00##
	AXZP60		AMZM00DT
	AXZP61		AMZM01##
	AXZP62		AMZM01DT
	AXZP70		AMZX6
	AXZP8Z		AMZZV
	AXZP9A		AMZZ4
	AXZP97		AMZZ4FM
	AXZP98		AMZ00
	AXZP99		AMZ00FM
	AMZPB1		AMZ09
	AMZPB2		AXZPZAFM
	AMZPB3		AXZPZIFM
	AMZPB5		AXZW1
	AMZPB6		AXZW1FM
	AMZPB7		AXZXS
	AMZPCV		AXZX0
	AMZPS0		AXZX1
	AMZPS1		AXZX5
	AMZPW3		AXZZP
	AMZPW5		AXZZ1
	AMZPW6		AXZZ8
	AMZPW7		AXZZ8FM
	AMZPXK		AXZ10
	AMZPXM		AXZ11
	AMZPXN		AXZ32
	AMZPXR		AXZ98
	AMZPXV		AXZ99
	AMZPX3		
	AMZPZV		
AMZPZ4			
AMZP01			
AMZP02			

Figure A-3. Resident system object and source code diskettes (2 of 2)

Object code	
Diskette label	Procedure or program ID
AMKO11	AMK03 AMK08 AMK08FM AMK10 AMK12 AMK14 AMK16 AMK18 AMK20 AMK22 AMK24 AMK26 AMK28 AMK30 AMK32 AMK34 AMK36 AMK38 AMK40 AMK43 AMKO11
AMKO12	AMK44 AMK45 AMK46 AMK48 AMK50 AMK52 AMK54 AMK56 AMK62 AMK64 AMK68 AMK69 AMK70 AMK72 AMK74 AMK76 AMK78 AMKO12

Object code	
Diskette label	Procedure or program ID
AMKO13	AMK80 AMK82 AMK84 AMK86 AMK89 AMK90 AMK92 AMK94 AMK96 AMKO13 AMKPCC AMKPCY AMKPDT AMKPKC AMKPK1 AMKPK2 AMKPK3 AMKPK4 AMKPRS AMKPSV AMKPS2 AMKPS4 AMKP00 AMKP01 AMKP02 AMKP03 AMKP04 AMKP06 AMKP08 AMKP10 AMKP11 AMKP12 AMKP13 AMKP14 AMKP15 AMKP16 AMKP18 AMKP19 AMKP20 AMKP21 AMKP22 AMKP24 AMKP26 AMKP28 AMKP30 AMKP32 AMKP34

Figure A-4. Conversion object and source code diskettes (1 of 3)

Object code		Source code	
Diskette label	Procedure or program ID	Diskette label	Procedure or program ID
AMKO13 (continued)	AMKP36	AMKS11	AMKS11
	AMKP38		AMK03
	AMKP40		AMK08
	AMKP43		AMK08FM
	AMKP44		AMK10
	AMKP45		AMK12
	AMKP46		AMK14
	AMKP48		AMK16
	AMKP50		AMK18
	AMKP52		AMK20
	AMKP54		AMK22
	AMKP56	AMK24	
	AMKP62	AMK26	
	AMKP64	AMK28	
	AMKP68	AMKS12	AMKS12
	AMKP69		AMK30
	AMKP70		AMK32
	AMKP72		AMK34
	AMKP74		AMK36
	AMKP76		AMK38
	AMKP78		AMK40
	AMKP80		AMK43
	AMKP82		AMK44
	AMKP84		AMK45
	AMKP86		AMK46
	AMKP89		AMK48
	AMKP90	AMK50	
	AMKP92	AMK52	
	AMKP94	AMK54	
	AMKP96	AMKS13	AMKS13
	AMKP97		AMK56
	AMKSK3		AMK62
	AMKSK5		AMK64
AMKS70	AMK68		
AMKS74	AMK69		
AMKS76	AMK70		
AMKS82	AMK72		
AMKS84	AMK74		
AMKS92	AMK76		
AMKS94	AMK78		

Figure A-4. Conversion object and source code diskettes (2 of 3)

Source code	
Diskette label	Procedure or program ID
AMKS14	AMKS14 AMK80 AMK82 AMK84 AMK86 AMK89 AMK90 AMK92 AMK94 AMK96

Figure A-4. Conversion object and source code diskettes (3 of 3)

Object code	
Diskette label	Procedure or program ID
AMKO21	AMKA4 AMKB1 AMKB3 AMKB5 AMKB7 AMKD0 AMKD1 AMKE1 AMKE3 AMKG2 AMKI1 AMKI2 AMKO21
AMKO22	AMKP3 AMKP5 AMKP7 AMKR7 AMKS1 AMKS2 AMKS3 AMKV1 AMKO22 AMKPAS AMKPA0 AMKPB1 AMKPB3 AMKPB5 AMKPB7 AMKPD0 AMKPE1 AMKPE2 AMKPE3 AMKPG0 AMKPG1 AMKPI0 AMKPI1 AMKPI2 AMKPP3 AMKPP4 AMKPP5 AMKPP6

Object code	
Diskette label	Procedure or program ID
AMKO22 (continued)	AMKPP7 AMKPP8 AMKPRO AMKPSK AMKPS1 AMKPS2 AMKPS3 AMKPV0 AMKPV1 AMKPV2

Source code	
Diskette label	Procedure or program ID
AMKS21	AMKS21 AMKA4 AMKB1 AMKB3 AMKB5 AMKB7 AMKD0 AMKD1
AMKS22	AMKS22 AMKE1 AMKE3 AMKG2 AMKP3 AMKP5
AMKS23	AMKS23 AMKP7 AMKR7 AMKS1 AMKS2 AMKS3 AMKV1

Figure A-5. Initial file load object and source code diskettes

Object code		Object code	
Diskette label	Procedure or program ID	Diskette label	Procedure or program ID
AMVO31	AMVC1 AMVC1FM AMVD6 AMVD6FM AMVE1 AMVE1FM AMVF4 AMVT0 AMVT0FM	AMVO33 (continued)	AMV52 AMV52FM AMV53 AMV54 AMV54FM AMV55 AMV56 AMV57 AMV59 AMV60 AMV60FM AMV61 AMV62 AMV8F AMV8G AMV8H AMV8I AMVPS7 AMVPTA AMVPTJ AMVPTK AMVPTM AMVPU0 AMVPU3 AMVPU5 AMVP5A AMVP5E AMVP59 AMVP62 AMVP66
AMVO32	AMVT7 AMVT7FM AMVV1 AMVV9 AMVW7 AMVW9 AMVZ1 AMVZ3 AMV02 AMV02FM AMV03 AMV04 AMV04FM AMV05 AMV3G AMV34 AMV45		
AMVO33	AMV5A AMV5C AMV51 AMV51FM		

Figure A-6. Inter-application object and source code diskettes (1 of 2)

Source code	
Diskette label	Procedure or program ID
AMVS01	AMVC1 AMVC1FM AMVD6 AMVD6FM AMVE1 AMVE1FM AMVE4 AMVT0 AMVT0FM
AMVS02	AMVT1 AMVT7FM AMVV1 AMVV9 AMVW7 AMVW9 AMVZ1 AMVZ3 AMV02 AMV02FM AMV03 AMV04 AMV04FM AMV05

Source code	
Diskette label	Procedure or program ID
AMVS03	AMV3G AMV34 AMV45 AMV5A AMV51 AMV51FM
AMVS04	AMV52 AMV52FM AMV53 AMV54 AMV54FM AMV55 AMV56 AMV57 AMV59 AMV60 AMV60FM AMV61 AMV62 AMV8F AMV8G AMV8H AMV8I

Figure A-6. Inter-application object and source code diskettes (2 of 2)

Figure A-7 is a cross-reference of inter-application modules. It shows which applications use the module and the application responsible for the module. A module description is contained in the application logic manuals using each module.

APPLICATION						
Module name	Responsible for module	Using module	Using module	Using module	Using module	Using module
AMVC1	PDM	PDM	IM			
AMVC1FM	PDM	PDM	IM			
AMVD6	PDM	PDM	PCC			
AMVD6FM	PDM	PDM	PCC			
AMVE1	PDM	PDM	IM	OEI		
AMVE1FM	PDM	PDM	IM	OEI		
AMVE4	PDM	PDM	IM	OEI		
AMVT0	PDM	PDM	IM	OEI		
AMVT0FM	PDM	PDM	IM	OEI		
AMVT7	PDM	PDM	PCC			
AMVT7FM	PDM	PDM	PCC			
AMVV1	PDM	PDM	IM	OEI		
AMVV9	PDM	PDM	IM	OEI		
AMVW7	PDM	PDM	PCC			
AMVW9	PDM	PDM	PCC			
AMVZ1	PDM	PDM	IM	OEI		
AMVZ3	PDM	PDM	PCC			
AMV02	GL	GL	AP	PR		AR
AMV02FM	GL	GL	AP	PR		AR
AMV03	GL	GL	AP	PR		AR
AMV04	GL		AP	PR		AR
AMV04FM	GL		AP	PR		AR
AMV05	GL	GL	AP	PR		AR
AMV3G	IM	IM	OEI			
AMV34	AR	AR	OEI			
AMV45	AR	AR	OEI			
AMV5C	OEI	OEI	IM	AR		
AMV5A	OEI	OEI	IM			
AMV51	OEI	OEI	AR			
AMV51FM	OEI	OEI	AR			
AMV52	OEI	OEI	AR			
AMV52FM	OEI	OEI	AR			
AMV53	OEI	OEI	AR			
AMV54	OEI	OEI	IM			
AMV54FM	OEI	OEI	IM			
AMV55	OEI	OEI	IM			
AMV56	OEI	OEI	AR			
AMV57	OEI	OEI	AR			
AMV59	OEI	OEI	IM			
AMV60	AP	AP	PR	AR		

Figure A-7. Inter-application module cross-reference (1 of 2)

APPLICATION

Module name	Responsible for module	Using module	Using module	Using module	Using module
AMV60FM	AP	AP	PR	AR	
AMV61	AP	AP	PR	AR	
AMV62	AP	AP	PR	AR	
AMV8F	IM	IM	OEI		
AMV8G	IM	IM	OEI		
AMV8H	IM	IM	OEI		
AMV8I	IM	IM	OEI		
AMVPS7	PDM	PDM	IM	OEI	
AMVPTA	IM	IM	OEI		
AMVPTJ	IM	IM	OEI		
AMVPTK	IM	IM	OEI		
AMVPTM	IM	IM	OEI		
AMVPU0	OEI	OEI	AR		
AMVPU3	OEI	OEI	AR		
AMVP05	GL	GL	AP	PR	AR
AMVP5A	PDM	PDM	IM	OEI	
AMVP5E	PDM	PDM	PCC		
AMVP59	OEI	OEI	IM		
AMVP62	PDM	PDM	IM	OEI	
AMVP66	PDM	PDM	PCC		

Figure A-7. Inter-application module cross-reference (2 of 2)

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Appendix B. Increasing MRTMAX

What is MRTMAX?

MRTMAX is a one-position numeric field indicating the maximum number of work stations that can be attached to a specific program. If the MRTMAX of a program is 3, only one copy of that program will be loaded, but up to 3 work stations may be actively using that program at the same time. A MRTMAX value of 0 means that only 1 work station can be actively using the program, and a separate copy of the program will be loaded for each additional work station requiring it. Any program with a MRTMAX value of 1 has not been designed to handle a MRTMAX greater than 1.

Note. It is not recommended that programs with a MRTMAX value of 0 or 1 be changed. To change these programs would have a detrimental effect on the MAPICS/DFAS II system.

What programs need to be changed?

Only certain programs for specific applications have been designed to allow the increasing of the MRTMAX value. Figure B-1 lists these applications, the programs requiring change, and their MRTMAX values.

Application	Program name	MRTMAX value
Payroll	AMPAE*	1
	AMPAH	3
	AMPAJ	3
	AMPAL	3
	AMPAN	3
Accounts Payable	AMA01*	1
	AMA03	2
	AMA04	2
	AMA05	2
Order Entry & Invoicing	AMBX2*	1
	AMBAA	2
	AMBA1	2
	AMBA2	2
	AMBA3	2
	AMBA4	2
	AMBA5	2
	AMBA6	2
	AMBA7	2
	AMBB1	2
	AMBB2	2
	AMBB3	2
	AMBB5	2
	AMBB6	2
	AMBD1	2
	AMBD3	2
	AMBD5	2
AMBD6	2	
Production Control & Costing	AMC36*	1
	AMC20	2
	AMC37	2
	AMC38	2
	AMC39	2
	AMC40	2
Product Data Management	AMEUA*	1
	AMEU6*	1
	AMEU1	3
	AMEU3	3
	AMEU4	3
	AMEU7	3
	AMEU8	3
*Batch attach program		

Figure B-1. Programs requiring changes to MRTMAX

What applications should not be changed?

Applications that have data entry programs with MRTMAX values of 0 or 1 should not be changed. Changing these programs is not recommended. General Ledger, MAPICS Inventory Management, and MAPICS Accounts Receivable are applications that should not be changed. MAPICS Sales Analysis, MAPICS Material Requirements Planning, and MAPICS Data Collection System Support do not have online data entry.

What programming changes are necessary?

The following example shows the minimum changes required to increase the MRTMAX value. Refer to the application logic manual of the specific application for the additional changes required to increase the MRTMAX value.

The first program to be executed in the online data entry cycle is the batch attach program. This program always has a MRTMAX value of 1. One function of the batch attach program is to determine if the maximum number of work stations is already actively using the data entry programs. This edit must be changed to reflect the new MRTMAX value. In the Payroll application, for example, batch attach program AMPAE compares ACTWS (the active work station count) with 3 (the current MRTMAX value for Payroll data entry). Change the constant 3 to the new MRTMAX value.

0423	C*	UPDATE THE CD RECURD WITH NEW BATCH NUMBER AND ACTIVE WS COUNT				* AMPAE	04230000
0424	C*	CORRECT THE NUMBER OF SEGMENTS IN USE				* AMPAE	04240000
0425	C	'WRKHR5'	CHAINSYSCTL			AMPAE	04250000
0426	C	54	Z-ADJ0241	MSGNO	54	AMPAE	04260000
0427	C	54	SETON		14	AMPAE	04270000
0428	C	54	GOTO ENDLR			AMPAE	04280000
0429	C		Z-ADJMBTCH	NEWBN		AMPAE	04290000
0430	C		COMP 3		14 14	AMPAE	04300000
0431	C	14	GOTO UPOSS			AMPAE	04310000
0432	C		ACTWS	ADD 1		AMPAE	04320000
0433	C	12	NEWBN	ADD 1		AMPAE	04330000
0434	C	12 83	Z-ADJ1	NEWBN		AMPAE	04340000

approximate line number

should always reflect the MRTMAX value for the series of programs being executed

Each specified program must also be changed. In each MRT program, the maximum number of work stations allowed is specified by the first line following the WORKSTN file description specification (F spec). These lines all have a K in position 53 to indicate that additional information is being provided for the WORKSTN file.

In the following example from program AMPAH from the Payroll application, NUM has a value of 3. This indicates the MRTMAX value. Change this value to reflect the new MRTMAX value.

0092	FSYSCTL	IC	F	128	128R	6AI	3	DISK		AMPAH	00920000
0093	FWRKHS	UC	F	160	160R			DISK		AMPAH	00930000
0094	FTOTHS	UC	F	144	144R	8AI	12	DISK		AMPAH	00940000
0095	FWORKSTN	CP	F		299			WORKSTN		AMPAH	00950000
0096	F									AMPAH	00960000
0097	F									AMPAH	00970000
0098	F									AMPAH	00980000
0099	F									AMPAH	00990000
0100	F									AMPAH	01000000
0101	E									AMPAH	01010000
0102	E									AMPAH	01020000
0103	E									AMPAH	01030000
0104	IWORKSTN	NS	01	6	CH					AMPAH	01040000

keyword

NUM 3

continuation code

MRTMAX value

Additional changes must be made to this program before it will function correctly under the new MRTMAX value. Each modified program must be recompiled with the seventh parameter indicating the new MRTMAX value. The batch attach programs must remain at a MRTMAX value of 1. Any time a MRT program is recompiled, the MRTMAX value must be specified. If left blank, the program will be compiled incorrectly as a SRT program. For additional information, refer to the application logic manual for the specific application.

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Appendix C. Glossary

This glossary defines terms and abbreviations that are important in this book. It does not include all MAPICS terms nor all terms established for System/34. If you do not find the term you are looking for, refer to the index, to glossaries in other MAPICS publications, and to the *IBM Data Processing Glossary*, GC20-1699.

This glossary includes definitions developed by the American National Standards Institute (ANSI) and the International Organization for Standardization (ISO). This material is reproduced from the *American National Dictionary for Information Processing*, copyright 1977 by the Computer and Business Equipment Manufacturers Association, copies of which may be purchased from the American National Standards Institute, 1430 Broadway, New York, N.Y. 10018.

ANSI definitions are identified by an asterisk. An asterisk to the left of the term indicates that the entire entry is reprinted from the *American National Standard Vocabulary for Information Processing*. Where definitions from other sources are included in the entry, ANSI definitions are identified by an asterisk to the right of the item number.

The symbol ISO at the beginning of a definition indicates that it has been discussed and agreed upon at meetings of the International Organization for Standardization Technical Committee 97/Subcommittee 1 (Data Processing Vocabulary), and has also been approved by ANSI.

941-A report. A report submitted quarterly to a taxing body showing the full amount of income taxes withheld from wages.

ABC analysis. See **distribution by value**.

accounting period. A period at the end of which and for which financial statements are prepared.

accounting procedure. The established processes for recording and summarizing financial information to produce financial statements and reports and to provide internal control.

accounting ratio. An indication of the relationship between costs and activity levels on the basis of current operating methods; for example, cost per man employed, per square foot occupied, per unit sold, or per unit purchased.

accounting system. The classification of accounts, and the books of account, forms, procedures, and controls by which assets, liabilities, revenues, expenses, and the results of transactions generally are recorded and controlled.

account number. A designation for an account, entry, invoice, voucher, etc., chosen in such a manner that it quickly reveals certain information.

accounts payable. (1) The amount of money owed by a company to its creditors. (2) The maintenance of records that represent the money owed by a company to its creditors.

accounts payable distribution report. A record of the distribution of paid expenses by account number.

accounts payable voucher. A document used to consolidate all data necessary for payment. Sources of data are purchase orders, vendor's invoices, and material receipts.

accounts receivable. (1) The amount of money owed to a company by its customers. (2) The maintenance of records that represent the money owed to a company for goods or services rendered.

accounts receivable ledger. The overall record of customer indebtedness. It might be a book, a file of individual customer cards, or some other means of recordkeeping.

accrual basis. The basis of accounting under which revenues are recorded when earned, and expenditures are recorded as soon as they result in liabilities for benefits received.

actual costing. The material cost (the actual quantity used at standard cost), direct labor cost (actual hours), and the overhead cost directly applied to an item or shop order.

ADDRROUT file. A record address disk file produced by a sort program. The ADDRROUT file contains the binary relative record number of records in a disk file and can be used to process input or update files that are designated as primary or secondary files.

ADDRROUT sort. A sort where the output consists of 3-byte, binary, relative record numbers that indicate the relative position (first, twentieth, ninety-ninth, and so on) of records to be processed from a disk file.

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 payroll, an amount added to gross or net pay.

advance. An amount of money paid to an employee before the customary time of payment.

aged trial balance. A trial balance in which open items are listed in separate groups according to age; for example, all items billed 30 days or less or all items billed over 90 days ago.

allocation. The reserving of available inventory for a requirement.

allowance. (1) In accounts payable, a concession or reduction against an invoice, brought about by varying conditions and reasons, and agreed to between the purchaser and the seller. (2) In accounts receivable, an adjustment to a customer's bill, generally reducing the amount owed. (3) In order entry, a credit transaction that does not affect the inventory balance of the credited item.

alphabetic. Pertaining to the letters A through Z.

alpha factor. A 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. Consisting of both letters and numbers and often other symbols, such as punctuation marks and mathematical symbols.

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 work centers specified in the primary (normal) routing.

alternate work center. A work center that can be used in case of breakdowns or overloads in the primary (normal) work center.

annual budget. A budget applicable to a single fiscal year.

APAR. Authorized program analysis report.

application. A use to which a data processing system is put; for example, keeping a record of a company's inventory.

application program. A program that performs a particular data processing task; for example, one that produces an inventory report or payroll checks.

apron. A form attached to invoices, with space for executive approval, vendor code number, voucher number, account distribution code, and amount.

array. In RPG II, an arrangement of elements in one dimension.

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. See also **variant**.

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.

asset. Any object or right having a money value.

asset ledger. A ledger that records basic information for each fixed asset (machine, truck, building, etc.). It includes such information as asset number, original cost, depreciation method, depreciation period, book value, capitalized revenue, machine-hour rate (cost rate).

attendance reporting. A procedure for recording the time of arrival and departure for employees.

audit. (1) A formal or official examination and verification of an account book. (2) The final report of an examination of books of account by auditors.

audit trail. Information that allows the history of an account, item record, order, etc., to be traced. The more recent information may be stored online for retrieval.

authorized program analysis report (APAR). A request for correction of a problem caused by a defect in a current release of a program.

availability checking. The process of checking inventory balances (on hand less allocated) for a sufficient quantity to release an order.

available. The quantity of material on hand, plus the quantity on order, minus the quantity reserved for specific purposes.

average cost. The cost of each piece of an item in inventory, arrived at by dividing the total dollar value of the item by the number of pieces in inventory.

average demand. A weighted (exponentially smoothed) average of past customer (independent) demand for a period.

back order. An order prepared to cover items which cannot be included in the original shipment, but which will be sent when available.

backup copy. A copy of a file or library member that is kept for reference in case the original file or library member is destroyed.

backup diskette. A diskette that contains information copied from a disk or another diskette. A backup diskette is used if the original information is erroneously altered or destroyed.

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 start date. Dates for previous operations are determined in a 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**.

balance forward method. In accounts receivable, keeping a record of the total outstanding balance owed by a customer. Contrast with **open item method**.

balance sheet. A statement of financial position, showing the assets and liabilities of a business.

base rate. The hourly rate of pay of an employee.

batch. (1) An accumulation of data to be processed. (2) A group of jobs to be run on a computer at one time with the same program.

batch data entry. A method of entering data that does not require continuous operator attention; that is, data entry that is not interactive. Contrast with **interactive data entry**.

batch number. A number printed on a document to delineate a group of transactions.

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**.

billing. The preparation of a document called an invoice (or bill) describing commodities shipped and/or services rendered and setting forth the charges and terms.

bill of lading. A document the shipper must produce to give a transportation company (rail, motor, etc.) authority to move a commodity from vendor to customer. It must show destination, routing, freight class, and gross weight.

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.

bonus. Increased earnings or some material reward in excess of regular earnings.

book inventory. The physical count and/or value of inventory carried in accounting records.

bottleneck. A facility, function, or department that impedes production: for example, a machine or work center where jobs arrive faster than they leave.

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**.

byte. The machine representation of a character.

call. To bring a computer procedure into effect by specifying its name and any run-time options.

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 work center machine capacities to meet the master production schedule.

capital resources. Resources of a fixed or permanent character, such as land and buildings, which cannot ordinarily be used to meet current expenses.

carrying cost. The expense related to holding inventory. Some determining factors are cost of money (interest), warehouse space, insurance, taxes, obsolescence, and spoilage.

cash. Currency, coin, checks, postal and express money orders, or bankers' drafts.

cash disbursement register. A listing of paid vendors' invoices.

cash discount. A discount earned on an invoice if it is paid by the due date. Synonymous with **credit discount**, **term discount**.

cash flow. Movement of money in and out of a business.

cash requirements report. A list of invoices selected to be paid and prepared in order to anticipate capital required.

CE. See **Customer engineer**.

chain. (1) A group of items, such as records or control blocks, in which the items may be dispersed but in which each item contains the means of locating the next item in the group. (2) To link items so as to form a chain.

***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.

chart of accounts. A list of accounts systematically arranged, applicable to a specific concern, giving account names and numbers, if any.

close. To make a file unavailable for processing.

CMD key. Command key.

CMLT. Cumulative material lead time.

command. A request for the performance of an operation or the execution of a particular program.

command function key. One of the keys of the display station keyboard, used with the command key, to request specific functions from the system or application program.

command key (CMD key). A key on the display station keyboard that, when pressed, causes the system to recognize the command function keys.

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.

conditional order. A customer order that has to be confirmed, perhaps because it has been placed by telephone.

configuration. The group of machines, devices, and programs that make up a data processing system. See **system configuration**.

consigned components. Components or materials supplied to a subcontractor for incorporation in an assembly or item the subcontractor supplies.

console. See **system console**.

control command. A command statement used by an operator to control system or display station operation. A control command does not run a procedure and cannot be used in a procedure. See also **command**, **procedure command**.

control sheet. A document, generally posted daily with summary totals from other reports, that is used to prove that all entries affecting a master file or ledger have been properly posted and that the master file or ledger itself is correct.

control statement. A statement that provides the system support program or utility program information about the job being run.

control tape. Generally, an adding-machine listing of amounts from source documents such as invoices and cash remittances. The total from this tape, once proved, is used to ensure that corresponding entries to a master file or ledger are made correctly.

conversion plan. The logistics plan covering the last few weeks and days of the old system and the early portion of the new system.

copy. To read data from a source, leaving the source data unchanged, and to write the same data elsewhere in a physical form that may differ from that of the source; for example, to copy main storage to disk.

coverage analysis. The determination of how planned orders should be scheduled in order to satisfy net requirements.

credit. An addition to a revenue, net worth, or liability account; a deduction from an expense or asset account.

credit balance. The amount by which a General Ledger account's total credits exceeds total debits.

credit discount. Synonym for **cash discount**.

credit memo. A document issued to the customer, detailing merchandise returned to the vendor, or other adjustments reducing the amount owed by the customer to the vendor. Contrast with **debit memo**.

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 interoperation time). The smaller the ratio the more critical the job. It can be used to establish work priorities within a work center.

critical work center. (1) A work center that is working close to its capacity. (2) A work center where a bottleneck (overload) occurs. (3) A work center that processes the work of an important part of the plant or product line. (4) A work center where a breakdown would be critical. (5) A work center that uses a machine with unique characteristics for which an alternate is not available.

cumulative material lead time (CMLT). The sum of lead times (to any assembly level) on the longest lead time string in a level-by-level bill. It can vary for each item.

current assets. Those assets which are available or can be made readily available to meet the cost of operations or to pay current liabilities.

current balance. In accounting, that portion of an account that exceeds the other portion at the latest time the figures are available. See **credit balances**, **debit balance**, and **old balance**.

current liabilities. Liabilities that are payable within a relatively short period of time, usually not longer than a year.

current resources. Resources that can be used to meet current expenses.

current standard cost. Estimated current cost derived from engineering standards (material and labor) in association with current labor and overhead rates.

cursor. A movable character (underscore) on a display screen that indicates where the next character typed by the operator will appear.

custom-bonded item. An imported component to be incorporated into a finished product being exported.

customer engineer (CE). A person who works in the IBM Field Engineering Division or in Customer Engineering and is responsible for the physical installation, maintenance, and repair of IBM equipment.

custom options. Options for a particular customer or order, which are not likely to be repeated for other customers.

cutoff inventory. Usable pieces of material that remain after gateway operations such as shearing and sawing are performed.

cycle counting. A continuous physical inventory count at or near specified intervals of time.

cycle stock. The inventory that results from buying or producing larger quantities than are immediately required in order to reduce acquisition costs (setup or transportation).

cylinder. All disk or diskette tracks that can be accessed without repositioning the disk drive or diskette drive access mechanism.

daily capacity. A quantity of work, measured in hours, that a work center can perform in a 24-hour day, including adjustments for unproductive work breaks such as personal time and for work center efficiency.

***data.** (ISO) A representation of facts, concepts, or instructions in a formalized manner suitable for communication, interpretation, or processing by humans or automatic means.

data base. A collection of stored data.

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.

debit. An addition to an expense or asset account; a deduction from a revenue, net worth, or liability account.

debit balance. The amount by which a General Ledger account's total debits exceeds total credits.

debit memo. (1) In order entry and invoicing, a document representing a charge to the customer for corrections, additions, or special or unusual charges. (2) In accounts receivable, a document increasing the original amount of an invoice because of a billing or shipping error. (3) In accounts payable, a document increasing the amount due from a vendor. (4) Contrast with **credit memo**.

dedicated. Pertaining to a mode of operation in which a procedure requires all the resources of the system. See also **privileged procedure**.

deduction card. A card describing an amount to be deducted from an employee's pay for such things as contributions, insurance premiums, and bonds.

deduction register. A list showing the amounts deducted from employees' earnings, as well as the type of each deduction.

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.

demand. The required shipment of an item in a specific time period. (Orders for shipment in some future time period are not considered part of the current period's demand.)

dependent demand. A requirement for an item which can be derived from a planned order for a higher-level item.

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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 access. A method of obtaining data from or storing data in a storage device in without referring to or depending on data previously accessed. Contrast with **sequential access**.

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.

disbursement. Payment in currency or by check.

discrete order quantity. A rule for determining order size using the period's net requirements as a lot size.

disk. A round flat plate coated with a magnetic substance on which data for a computer is stored.

disk drive. The mechanism used to seek, read, and write disks.

disk file. An organized collection of related records on disk that are treated as a unit.

disk storage. Direct access storage that uses one or more magnetic disks to store data files and programs.

diskette. A small, flexible, magnetic disk permanently enclosed in a protective jacket. Diskettes are a removable medium used to store information until it is required for processing.

diskette data entry. A form of data entry in which data is read into the computing system from diskettes.

diskette drive. The mechanism used to seek, read, and write diskettes.

diskette file. An organized collection of related records on diskette that are treated as a unit.

dispatching. Assigning work to a specific work center and scheduling the work within the work center.

dispatch list. The work to be scheduled within a work center. It is usually sorted into a priority sequence based on the order's due date.

display. (1)* (ISO) A visual presentation of data. (2) To present an image on the screen of a display device.

display screen. The part of a display station on which data, messages, or other information is displayed.

display station. An input/output device that contains a display screen on which data is displayed and an attached keyboard through which data is entered.

distribution. The assignment of costs or revenue to the various accounts affected.

distribution by value. An analysis of value characteristics for items, ranking them from high to low. Normal value distributions used in manufacturing include sales volume, gross profit contribution, and inventory value.

double-entry accounting. The system of recording accounting transactions wherein a general ledger of accounts is maintained. Double-entry accounting is based on the principle that if there is any increase or decrease in one account there must be a corresponding increase or decrease in some other account so as to cause an equality in debits and credits.

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.

dump. (1) To copy the contents of all or part of storage, usually to an output device. (2) Data that has been dumped.

earnings record. A record containing the accumulative earnings data of an employee and showing weekly earnings and taxes.

earnings statement. A report given an employee, usually at the time he is paid, showing his earnings, deductions, and net pay.

EC. Engineering change.

economical order quantity (EOQ). A fixed order or production quantity that minimizes the cost of acquiring and carrying an item of inventory.

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 factor. The ratio of standard to actual hours of work performed in a work center; for example, 98 standard hours divided by 90 actual hours equals 1.09 efficiency factor. It is used to modify labor standards.

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 number assigned to an employee for identification purposes.

end item. The product shipped to the customer.

end of file mark (EOF). A code which signals that the last record of a file has been read.

engineering bill. The output from a product's design phase.

engineering change (EC). A change made to an item to reduce its cost or improve its function, serviceability, or safety.

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.

EOF. End of file mark.

EOJ. End of job.

EOQ. Economical order quantity.

error message. (1)* An indication that an error has been detected. (2) Contrast with **informational message**.

execute. To cause an instruction, program, procedure, or other machine function to be performed.

expedite. To accelerate the progress of a shop order on the shop floor.

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.

extended price. The unit price multiplied by the number of units purchased. See also **unit price**.

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.

exponential smoothing. A mathematical technique that simplifies calculating historical weighted averages and reduces the need for retaining historical data. It is superior to normal weighted averages because it allows more recent periods to be weighted in the average more heavily than older periods.

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 work center.

fabricated part. An item made from raw material.

factoring. The business of purchasing accounts receivable or of advancing cash on the basis of accounts receivable.

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.

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FIFO. First in first out.

file. An organized collection of related records treated as a unit.

file name. An arbitrary symbol 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.

financial statement. A balance sheet, income statement, statement of application of funds, or any supporting statement or other presentation of financial data derived from accounting records.

finished goods. Items ready for shipment to a customer, including parts reserved for service.

firm planned order. An order whose date and quantity have been fixed, but for which no paperwork authorizing production has been released and components have not been allocated.

first in first out (FIFO). A method of valuing inventory which assumes that goods are consumed in the same sequence in which they are received. Contrast with **last in first out**.

fixed assets. Assets such as land, buildings, machinery, and furniture that are held or used for long periods of time.

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 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**.

gateway work center. A work center where the first operation of many shop orders is performed.

general journal. A journal in which are entered all accounting entries not recorded in special journals.

general ledger. A book, file, or other device that contains the accounts needed to reflect, in summary and in detail, the financial position and the results of financial operations of a company.

general procedure. A procedure that has no system-imposed procedure control or rules. Some general procedures, however, do have dependencies on other procedures that can prevent them from operating concurrently. Contrast with **privileged procedure**.

gross earnings. Total earnings before taxes or deductions.

gross requirement. The required quantity of an item from all sources, such as higher-level subassemblies or the master production schedule.

group file. Any file having a (.) in the file label on the disk.

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.

heading information. (1) In Order Entry and Invoicing, customer data used in preparing the shipping order and invoice heading. (2) In General Ledger, general information prepared with the first entry of date which is duplicated in all other entries. The company number and posting date are heading information for general journal entries.

hexadecimal. Pertaining to a number system with a base of 16; valid digits range from 0 through F.

high-order position. The leftmost position in a string of characters.

historical standard cost. A base standard cost that usually remains constant for twelve months and is used to measure cost changes.

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**.

income statement. A statement showing earnings or incomes retained in the business for future use, supporting the retained earnings figure on the balance sheet.

independent demand. A requirement originating from an outside source, usually a customer or another plant. This type of demand is usually derived from a forecast.

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**.

initial program load (IPL). A sequence of events that loads the system programs and prepares the system for execution of jobs.

***input data.** Data to be processed.

input job queue. A list of jobs waiting to be processed by the system.

***input/output.** Pertaining to either input or output, or both.

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.

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.

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.

internal rate of return. The rate of return on invested capital that management requires before committing to a project.

interoperation 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 accounting. The bookkeeping aspect of inventory management. It covers the processing, control, and audit of transactions that affect actual or planned availability of inventory.

inventory administrator. The person assigned to control and resolve problems for a specific span of parts, usually somewhat related as to type, source, or product line. There may be several administrators, depending on the number of items and activity level.

inventory classification. The division of inventory into groups for analysis and control.

inventory level. The dollar value of inventory currently on the books. It is convenient to think of levels of each type of inventory, because they are controlled by different systems.

inventory management. Controlling a company's goods in a way that ensures economical buying and prompt customer service.

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inventory turnover. A value normally calculated by dividing annual cost of sales by current inventory levels. For finished goods only, this would be annual sales divided by finished goods inventory valued at selling price or cost. It is a common measurement value used to give an indication of how well inventory is moving.

inventory writeoff. A modification (usually down) of the dollar value of inventory usually resulting from discrepancies of physical inventory and book inventory.

invoice. A description of goods or services sold, including how much is to be paid and the terms of payment.

invoice register. A daily listing of invoice totals. It also shows indicative and classification data such as date, invoice number, and customer.

IPL. Initial program load.

issues. The amount of inventory released for production or sale. See **miscellaneous issues, planned issues, 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.

job. (1) A unit of work for a computer; for example, a payroll job. (2) One or more related procedures or programs grouped into a first-level procedure. See also **procedure level.**

job queue. See **input job queue.**

joint allocation. The simultaneous allocation against the master production schedule of customer orders for multiple items that must be shipped or assembled together.

journal. (1) Any book of original entry. (2) A report showing financial transactions entered into the system.

journal entry. Detail items or transactions for recording in a journal. Related transactions having the same journal number, journal source code, and reference number comprise a journal entry.

journal transaction. A single debit or credit to an account.

journal voucher. An internal document used to make miscellaneous entries to accounts payable.

keyboard. An assemblage of systematically arranged keys by which a machine is operated and from which data is entered.

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 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.

last in first out (LIFO). A method of valuing inventory using the cost of the goods received last as the cost of the goods consumed.

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 work centers.

ledger. A group of accounts in which are recorded the financial transactions of a company.

left-adjust. To place data in a field so that the first significant character at the left end of the data is in the leftmost position of the field.

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.

liabilities. Debt or other legal obligations arising out of transactions in the past which must be liquidated, renewed, or reduced at some future date.

library. An area on disk that can contain load members, procedure members, source members, and subroutine members. See also **system library**.

library directory. A variable-sized area on disk that contains information about each member in the library; for example, the member name and the location.

library member. A named collection of records or statements in a library. See also **load member**, **procedure member**, **source member**, **subroutine member**.

LIFO. Last in first out.

line item. An individual entry on a voucher, order, or invoice.

***line printer.** (ISO) 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.

load member. A collection of instructions that the system can execute to perform a particular function, regardless of whether the function is requested by the operator or specified in an OCL statement. Load members can also contain display screen formats and message members. Load members are stored in a library.

logical cylinder. An area of disk tracks on which data can be stored and retrieved with minimum repositioning of the disk drive access mechanism.

lost sale. Customer demand that cannot be met. It should be included in the current sum of demand in order to properly calculate safety stock.

lot sizing. The procedure for determining the planned order quantities from a schedule of net requirements.

low-level code. A number that indicates the lowest level in all of a company's bills of material at which a specific item is found.

low-order position. The rightmost position in a string of characters.

machining rate. The standard production per time period that can be expected to be produced on a given machine.

MAD. Mean absolute deviation.

main menu. The first or primary menu in a series of menus. See also **secondary menu**.

main storage. Storage in the processing unit where all logical, arithmetic, and control operations take place under program control.

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 work center and adding run and setup time.

manufacturing order. See **shop order**.

margin. The difference between average selling price and projected estimates of current costs.

***master file.** (ISO) 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.

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master production schedule (MPS). A statement of how many of what items (products and options specified by customers) are planned to be produced and when. It is the major control point for planning the level of manufacturing activity. The master production schedule is one of the major inputs to material requirements planning.

material requirements planning (MRP). The technique of planning the acquisition of items required to produce products stated in a master production schedule.

materials planning horizon (MPH). The time range over which material requirements are calculated. It is usually fixed at one length for all master-level items, and it is normally stated in number of periods, for example, 36 weeks.

materials requisition. An authorization to issue from the stockroom the material required to produce an order.

mean absolute deviation (MAD). The average forecast error.

menu. A displayed list of items from which the operator makes a selection.

message. A series of words or symbols, appearing on the display screen or printed output, that convey information. See also **error message**, **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**.

min-max-multiple. Three factors used in conjunction with other order-sizing rules (such as part-period balancing or discrete) to establish upper and lower limits and rounding factors on preliminary order quantities.

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 **batch mode**, **interactive mode**.

modular bills. A technique for structuring bills to help describe end products assembled to customer specifications.

MPH. Materials planning horizon.

MPS. Master production schedule.

MRP. Material requirements planning.

MRT. Multiple requester terminal.

multiple requester terminal (MRT) program. A program that can process requests from more than one display station concurrently. Compare with single requester terminal (SRT) program.

multiprogramming. (1) (ISO) A mode of operation that provides for the interactive execution of two or more computer programs by a single processor. (2)* Pertaining to the concurrent execution of two or more computer programs by a computer.

negative availability. A condition wherein a period's gross requirements exceed the available-for-netting quantity at the start of the period. This condition indicates that an order must be planned to cover the requirement, if a shortage is to be averted.

nested procedure. A procedure that is called by another procedure.

net requirements. The requirements remaining after on-hand and released orders have been subtracted from gross requirements.

netting. The function of determining net requirements. See **net requirements**.

numeric. Pertaining to the digits 0 through 9.

OCL. Operation control language.

offset. To schedule lower-level components to be completed at the time they will be needed in production.

old balance. In accounting, that portion of an account that exceeds the other portion before any later debits or credits are applied. See **credit balance**, **current balance**, and **debit balance**.

one-off bill. See **specification bill**.

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 the use of work stations to gain access to the services of the computing system.

on order. Pertaining to stock that has been requested but has not been received.

open. To prepare a file for processing.

open item. A bill that has not been paid.

open item method. In accounts receivable, keeping a record of each unpaid invoice and identifying each customer payment as belonging to a specific invoice. Contrast with **balance forward method**.

open order. See **released order**.

operation. A manufacturing or assembly procedure performed on an item. A routing defines the sequence of several operations.

operation control language (OCL). A programming language used to identify a job and its processing requirements to the System Support Program.

operation sequence number. A number assigned to an operation which defines the sequence within a routing.

option. A feature of an end product, usually specified by the customer, which is not necessary for the product to function.

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**.

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 costing. See **actual costing**.

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.

ordering costs. The costs associated with the handling of an order, exclusive of setup costs. For purchase items they can include placing the order, receiving, inspection, and materials handling. For manufactured items, the major elements are shop packet preparation, progress reporting, inspection, and materials handling.

order point. A quantity which is the sum of forecast demand through replenishment lead time plus safety stock.

order policy code. A code that selects from a menu of lot-sizing techniques, such as discrete, fixed order quantity, order up to quantity, and part-period balancing.

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. See also **lot sizing**.

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 writing. The rewriting of a customer's order by the selling company. The rewritten order usually includes the unit price, but not the extended price.

output data. Data delivered or ready to be delivered from a device or program, usually after some processing.

overhead costs. All costs that cannot be applied directly to an item (shop order).

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overhead rate. A factor to be applied to direct labor cost; it is used to recover (or distribute) overhead costs.

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.

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.

part-period balancing (PPB). A lot-sizing technique very similar to EOQ in that it attempts to minimize the sum of the cost of carrying inventory and the cost of acquiring inventory. PPB differs from EOQ in that it uses the current net requirements schedule, rather than a historical usage figure, in performing the calculation to minimize costs.

parts list. See **bill of material**.

password. An alphanumeric security code that allows access to a set of computer operations or data.

payroll. The process of maintaining a company's list of those entitled to pay and the amounts due each.

payroll deduction. An amount subtracted from an employee's earnings before payment is made to him by his employer.

payroll register. A detailed list prepared for each pay period, usually containing the same information as shown on the employee payroll checks.

pegging. Keeping track of the relationship between a requirement and its source, such as the customer order or higher-level shop order which generated the requirement. See **single-level pegging**, **pegging inquiry**.

pegging inquiry. A trace of the next highest level which generated a requirement and the possible master-level items based on a trace of the planned order.

permanent file. A file that remains in existence until deleted by using the SDELETE utility program. A permanent file is created with a retain parameter of P for disk or 999 for diskette.

perpetual inventory. An up-to-date record of all inventory balances.

phantom bills. Subassemblies that are automatically fed to a higher-level assembly without intermediate stocking. Their use is not considered a level of production.

physical count. An actual count of all pieces of stock in inventory.

physical inventory. The counting of inventory items to determine the quantity actually on hand. It is usually performed annually in manual systems; it is done informally, whenever there is a question as to the actual balance.

picking list. A list of items to be taken from stock.

planned availability. Delivery dates promised to customers by committing available and planned inventory.

planned issues. Issues that are anticipated and can be identified with a particular shop order.

planned order. An order, which specifies delivery date and quantity, developed in a material requirements planning system. It should become a firm order when the order release date on the schedule is within the cumulative material lead time. It is used to plan lower-level component requirements or capacity requirements. A planned order is not committed to the vendor or shop floor until it is released.

planner. See **inventory administrator**.

planning bill. See **manufacturing bill**, **super bill**.

planning horizon. See **materials planning horizon**.

planning lead time. The sum of order handling lead time, plus quoted (vendor) lead time or manufacturing lead time, plus safety lead time. It is used by material requirements planning to offset component requirements from the due date of the higher-level assembly in which they are used. It represents an estimate of the average elapsed time from the point of recognizing the need to order until receipt in the stockroom. See **order handling lead time, quoted lead time, manufacturing lead time, safety lead time.**

post. To transfer to an account in a ledger or file the data, either detailed or summarized, contained in a book or document of original entry.

postbilling. Preparing invoices after the stock is picked. Contrast with **prebilling.**

PPB. Part-period balancing.

prebilling. Preparing invoices before the stock is picked. Contrast with **postbilling.**

prepaid expenses. Expenses entered in the accounts for benefits not yet received.

primary file. The main file from which a program first reads records. In multiframe processing, it is used to determine the order in which records are selected for processing. Contrast with **secondary file.**

priority dispatching. The selection of the next job to be worked on at a work center, usually on the basis of order due date.

privileged procedure. A procedure that updates files that are subject to strict control. Contrast with **general procedure.**

procedure. (1) Loosely, a function or set of functions to be performed. (2) A set of related OCL statements, and possibly utility control statements, that cause a specific function or set of functions to be performed.

procedure command. A command statement that runs a procedure.

procedure level. An indication of the order in which nested procedures are called. For example, if procedure A calls procedure B, and procedure B in turn calls procedure C, then procedure C is a third-level procedure.

procedure number. A procedure that is stored in a library.

processing unit. The part of a computer system that operates on data.

process sheet. (1) Documentation stored near the work center that describes in considerable detail the operation to be performed. (2) Synonymous with **routing.**

product cost. The sum of estimated direct material and labor costs plus an appropriate share of overhead costs.

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.

product structure. A technique for organizing bills of material on a computing system.

program. A sequence of instructions to a computer that are written in a special form the computer can interpret. A program tells the computer where to get input data, how to process it, and where to put the results.

program product. An IBM-written licenses program for which a monthly charge is made.

program temporary fix (PTF). A temporary solution or bypass of a problem diagnosed by IBM as the result of a defect in a current release of a program. See also **authorized program analysis report (APAR).**

prompt. To issue a message to an operator requesting information or describing an action that is needed to continue processing.

proof. (1) In general ledger, a listing of balances used to ensure that data is correct before processing continues. (2) To compare a computer generated listing to the original source document to verify accuracy and completeness.

proof listing. In General Ledger, a listing of balances used to ensure that data is correct before processing continues.

PTF. Program temporary fix.

pseudo bills. See **phantom bills.**

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purchase order. A document sent to a vendor requesting goods or services.

purchase order costs. See **ordering costs**.

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 work center.

quoted lead time. The elapsed time (from point of order to receipt at the receiving dock) the vendor quotes for delivery.

raw materials inventory. Items used in the production of component parts.

receipts. (1) Merchandise or stock that is received in inventory. (2) Cash received.

reconciliation. Comparing two values of the same measurement and adjusting to force agreement; for example, reconciling book inventory to the physical count.

record. (1) A collection of related data that is treated as a unit. For example, one line of an invoice could constitute a record. (2) To store data on a reusable input/output medium, such as a disk, diskette, or punched cards.

record key. A field in a record that identifies the record in a file.

record length. The total number of characters (bytes) in a record.

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.

regeneration. In material requirements planning, the process of exploding the full master product schedule, using the bills of material to develop a materials acquisition plan.

register. A record for the consecutive entry of a certain class of events, documents, or transactions, with a proper notation of all the required particulars.

relative record number (RRN). In a file, a number that gives the location of a record in relation to the beginning of the file.

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.

remittance advice. A document prepared by the purchaser, and enclosed with his check, to describe the invoices being paid. It generally shows invoice numbers, invoice amounts, and discounts taken.

reorder point. Synonym for **minimum balance**.

replenishment cycle. The average time it takes from recognizing the need, to releasing an order, to placing the receipt into the stockroom.

replenishment lead time. See **planning lead time**.

reporting period. Synonym for **accounting period**.

requisition. An authorization to purchase materials or release quantities of items from stock.

reservation. A means of ensuring that certain required quantities of stock will remain available for some definite future commitment.

return on investment (ROI). The annual profit generated by a project when compared to the total cost of realizing the profit.

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.

right-adjust. To place data in a field so that the last significant character at the right end of the data is placed in the rightmost position of the field.

ROI. Return on investment.

routing. A list describing the sequence of operations required to make an item.

RPG II. A commercially oriented programming language designed for writing application programs that meet common business data processing requirements.

RRN. Relative record number.

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.

sales analysis. The statistical accumulation of data regarding the sale of goods made by a company in various classifications and categories.

schedule. To determine start dates and due dates for shop orders.

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.**

screen. See **display screen.**

secondary file. Any file, other than the primary file, used in multifile processing.

secondary menu. A menu showing an expanded list of options for an item that appears on a main menu. See also **main menu.**

sector. (1) An area on a disk or diskette reserved to record a unit of data. (2) The smallest amount of data that can be transferred to or from a disk or diskette by a single data transfer operation.

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.**

sequential access. A method of obtaining data from or placing data into a file in such a way that each successive reference to the data depends on the previous reference. Contrast with **direct access.**

serial printer. A printer that prints one character at a time.

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.**

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shipping label. A form usually attached to each container in a shipment showing the ship-to name and address.

shipping list. A list of commodities being packed or assembled for shipment, giving details about the items being shipped.

ship to. A heading that gives the name and address to which goods will be delivered. Contrast with **sold to**.

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 necessary documents for processing a shop order.

short shipment. A shipment that, when checked by the receiving department against the vendor's invoice, proves to contain less than the quantity billed.

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.

single-level pegging. Identifying only the next higher-level assembly which generated the requirement.

single requester terminal (SRT) program. A program that can have only one requesting display station at a time. Contrast with **multiple requester terminal (MRT) program**.

sold to. A heading that gives the name and address of the buyer. Contrast with **ship to**.

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.

source member. A collection of records that are used as input for a program. Source members are stored in a library.

special character. A character other than alphabetic or numeric.

specification bill. A bill derived for a specific customer from a common bill plus options represented by variant bills. It is normally discarded after the order is complete. See also **super bills**.

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.

spool file. An area on disk where spooled output is stored while waiting to be printed.

spooling. The storing of print data on disk and printing it concurrently with other processing.

SRT. Single requester terminal.

SSP. System Support Program.

staging. The practice of prepulling components from inventory and placing them in special areas well in advance of actual need.

standard cost. See **current standard cost**, **historical standard cost**.

standard order quantity. A preestablished number of pieces ordered when the minimum balance or reorder point for an item is reached.

start date. The date work is to begin on an order. This is when materials are picked and delivered to the first work center.

statement. (1) A document periodically sent by the vendor to the customer (frequently at month end) that shows the total amount owed to the vendor on unpaid bills. (2) A presentation of financial data showing the financial position and the results of financial operations of a company for a particular accounting period.

statistical forecasting. The use of moving averages (exponential smoothing) to develop a forecast.

stock on hand. The quantity of any item or commodity actually located in a stockroom and available for use or issue.

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.

stock status report. A report that shows pertinent data for each item in inventory; for example, the quantity on hand, on order, or reserved.

storeroom. See **stockroom**.

structuring (the bill of material). The method used to describe the assembly of end products with single-level bills.

subroutine member. A subroutine that needs to be link edited (joined) before being loaded for execution. Subroutine members are stored in a library.

super bill. A bill constructed to simplify planning the production schedule for assemble-to-order products.

supplier. See **vendor**.

system configuration. The various components and devices that form a particular operating system. System configuration combines user-specified options and parameters with IBM programs to produce a system having the desired form and capacity.

system configuration record. Information stored on disk that describes system characteristics and programming support; for example, system date format, disk capacity, and main storage capacity.

system console. A display station designated to activate certain system functions and to control and monitor system operation, in addition to functioning as a display station.

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 library. The library that contains the members that are part of the SSP. The system library is labeled #LIBRARY and cannot be deleted from disk.

system operator. A person who uses a display station that is designated as the system console 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**.

System Support Program (SSP). In System/34, IBM-supplied programming that is fundamental to the operation and maintenance of the system.

system tailoring. The process of selecting application options to satisfy the specific needs of a company.

taxing body. One of the federal, state, or local agencies that levies taxes.

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.

term discount. Synonym for **cash discount**.

terms. The conditions on which a sale is made.

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time-phased allocation. The spreading of open allocations by time period through the materials planning horizon.

time-phased order point. The use of material requirements planning logic on items subject to independent demand. The addition of safety stock to requirements provides the same effect as order point, except that multiple planned orders are generated, rather than just one, as in classical order-point systems.

time-phased requirements. The spreading of requirements by time period through the materials planning horizon. Time-phasing depends upon the manufacturing lead-time offsets between levels of production.

time sheet. A list containing the names or employee numbers of a group of employees, showing the time worked by each employee for a day, a week, or a pay period.

tools. Items used primarily in fabrication and normally identified with a particular operation on a routing.

tracking signal. A value maintained by a computer-based forecasting system that detects significant changes in demand.

trade discount. A discount earned by a special type of business. For example, an automobile parts manufacturer gives a trade discount to a wholesaler but charges the catalog price to a garage.

transaction. An item of business, such as receipt of an order or paying a bill.

transaction control center. A department whose responsibility is to correct all labor transaction exceptions as quickly as possible.

***transaction file.** (ISO) 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.

transparent assembly. See **phantom bills**.

traveler. See **routing**.

trial balance. A periodic listing of all open items to prove that a ledger is in balance with the control sheet.

turnover. The number of times capital is invested and reinvested in inventory. It is calculated by dividing the average dollar investment in inventory into the annual cost of goods sold.

typamatic key. A keyboard key that repeats its function when pressed and held down; for example, the spacebar.

unapplied adjustment. An adjustment that is applied to a customer, but cannot be applied to a transaction set.

unapplied cash. An amount that is applied to a customer, but cannot be applied to a transaction set.

unauthorized withdrawal. An inventory removal not designated by, or reported to, the manufacturing system.

unit of measure. A code indicating the measurement basis for inventory, such as each, pound, tons, gallons, feet.

unit price. The price per standard unit of a product or service. See also **extended price**.

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/34 uses the value to determine whether the operator is authorized to use the system or requested function.

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.

variant. A feature of an end product, normally specified by the customer, that must be present for the product to function; for example, 110V versus 220V.

vendor. A seller of goods or services.

voucher. A document that verifies a transaction, usually indicating the accounts that are affected.

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 work centers. It is a tool for maintaining the engineering and production data base.

where-used pegging. See **pegging**.

W-2 report. An annual report showing, for each employee, wages subject to income tax, and income and FICA taxes withheld.

work center. A facility, normally a group of machines having similar characteristics, used to perform a manufacturing process; for example, an assembly area or milling machine center.

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 that lets a person transmit information to or receive information from a computer, or both, as needed to perform his job; for example, a display station or a printer.

work station printer. A serial printer that is designated during installation to print work station output data. Contrast with **system printer**.

W-3 report. An annual report showing, for each employee, wages subject to state income tax and income tax withheld.

yield factor. See **shrinkage factor**.

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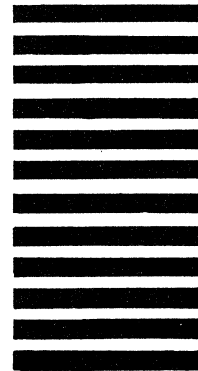


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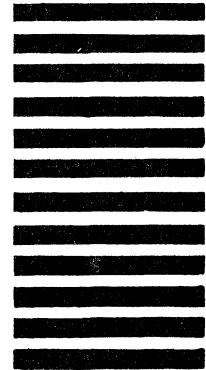


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