

THE SYSTEMS HOUSE, INC.  
MASTER DISTRIBUTION DOCUMENTATION

TABLE OF CONTENTS

INTRODUCTION .....	1
RAW MATERIALS SYSTEM SELECTOR .....	2
MODULE OVERVIEW .....	3
WORK ORDER FILE DESCRIPTIONS .....	7
MASTER FILE MAINTENANCE FUNCTION KEYS .....	11
RAW MATERIALS MENU .....	14
BILL OF MATERIAL .....	16
BILL OF MATERIAL LISTING .....	20
LABOR COST CENTER .....	23
LABOR COST CENTER LISTING .....	25
OVERHEAD COST CENTER .....	28
OVERHEAD COST CENTER LISTING .....	29
PLAN .....	32
PLAN LISTING .....	33
PRODUCT MASTER FILE MAINTENANCE .....	37
PRODUCT DETAIL FILE MAINTENANCE .....	52
PRICING MASTER FILE MAINTENANCE .....	61
PRODUCT MASTER FILE LISTING .....	63
FINISHED GOODS COST UPDATE .....	65
INQUIRIES OVERVIEW .....	66
BILL OF MATERIAL INQUIRY .....	69
CUSTOMER WORK ORDER INQUIRY .....	72
DETAIL OPEN WORK ORDER INQUIRY .....	80
OPEN WORK ORDER - DRILL DOWN SCREEN INQUIRY .....	87
OPEN WORK ORDER BY ITEM INQUIRY .....	92
RAW MATERIAL WHERE USED INQUIRY .....	96
WORK ORDER ENTRY/MAINTENANCE .....	99
PRO FORMA WORK ORDER ENTRY/MAINTENANCE .....	111
PRO FORMA WORK ORDER (CONVERSION) .....	122
CREATE ORDERS FROM OPEN WORK ORDERS .....	123
ROUTING POSTING .....	125
PRODUCTION POSTING .....	129
OPEN WORK ORDER REPORT .....	135
OPEN WORK ORDER REPORT (BY PRODUCT) .....	137
DAILY PRODUCTION POSTING REPORT .....	139
PRODUCTION POSTING INVENTORY AUDIT REPORT .....	141
WORK ORDER PRINT .....	143
WORK ORDER RE-PRINT .....	145
PURGE WORK ORDER (INPUT DATE) .....	147
PURCHASING FORECAST REPORT - JOBSTREAM .....	149
PURCHASING FORECAST REPORT .....	151

THE SYSTEMS HOUSE, INC.  
MASTER DISTRIBUTION DOCUMENTATION

T A B L E O F C O N T E N T S

RAW MATERIAL WHERE USED REPORT .....	153
RAW MATERIAL STOCK STATUS BY FINISHED GOODS REPORT .....	155
INVENTORY EVALUATION REPORT - MONTH TO DATE .....	157
INVENTORY EVALUATION REPORT - YEAR TO DATE .....	159
RAW MATERIAL SHORTAGE REPORT .....	161

## INTRODUCTION

MDS was designed to serve the needs of distribution and wholesaling operations. Since many potential users of the system combine manufacturing and/or assembly operations with their basic distribution needs, the raw material inventory module was developed to provide a facility to monitor the production process, track raw materials used and end items produced.

Raw material is often set up as a separate logon. The selection numbers reflect raw material as a separate logon.

## RAW MATERIALS SYSTEM SELECTOR

File Edit Settings File Transfer

Account: BASE.10 Port: 19 Menu: RM.MAIN

Raw Material Inventory Control

1. File Maintenance

2. Inquiries

3. Work Order Selector

4. Miscellaneous Reports

Enter Selection or END :

OR	VE	MAINT	EMAIL	AUDIT		CAPT ON	VIEW	Br
HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	k

## MODULE OVERVIEW

### RAW MATERIAL FILE

A record is maintained in the Product Master and Product Detail files for each raw material used in the manufacturing process. The following activity and balance fields are maintained:

- A. On hand
- B. On order with vendor
- C. Planned use in production
- D. Actual production (USAGE) MTD, YTD
- E. Cost
- F. Receipts MTD, YTD

The following activity and detail fields are maintained for each finished good item in the Product Detail file:

- A. Actual production MTD, YTD
- B. Planned production

The standard MDS inventory control procedures are used to maintain, the on order and on hand balances, and to record receipts from vendors.

### BILL OF MATERIALS MASTER FILE

For each manufactured item a record is maintained in this file detailing the raw materials and the quantity used in the manufacturing process. The manufacturing costs are also maintained in this file. The file is multi-level so that a finished good may act as a component in a higher assembly.

### COST UPDATE

Based upon the unit cost maintained in the Product Master file of the raw material item, and the quantity used stored in the Bill of Material file, the system will calculate the current cost of manufacturing for any end item. This new cost is then updated to the finished good Product Master file during production posting.

## MODULE OVERVIEW

### WORK ORDER SYSTEM OVERVIEW

The work order system provides a series of procedures to generate a work order document and related file data, maintain the file(s), and lastly integrate the updating of this file into the production posting procedure. Inquiry capability is built into the system to determine the status of the work order.

### WORK ORDER ENTRY/MAINTENANCE

Based upon a planned manufacturing quantity input in this procedure, the system will place a reservation on each required component in the component Product Detail file, and update the 'IN WORK' position in the finished good Product Detail file. Any shortages of raw materials will be noted on the raw material shortage report available in the system.

This procedure accepts the data to create a formal work order, or to adjust information on an existing order. Some of the significant features of the maintenance ability include:

- A. Change a quantity
- B. Delete an item from the work order
- C. Add an item to the work order
- D. Change a required date
- E. Cancel the work order

### PRO FORMA WORK ORDER ENTRY/MAINTENANCE

This procedure allows the preparation or maintenance of pro forma work orders, that can be sent to a customer as a basis for a price quotation, etc.

### PRO FORMA WORK ORDER CONVERSION

The purpose of this procedure is to convert a previously entered pro forma work order into an actual work order.

### CREATE ORDERS FROM OPEN WORK ORDERS

The purpose of this procedure is to create actual orders from open work orders.

## MODULE OVERVIEW

### ROUTING POSTING

This program references the original work order and updates the Work Order record. This procedure helps you keep track of the finished goods production progress.

### PRODUCTION POSTING

This program references the original Work Order record and updates Inventory and Work Order records. The only entry required is the work order number, and any quantities produced or consumed which differ from the original work order. The components can also be changed for this specific work order.

When manufacturing notifies the system that the material has been produced, this procedure will update the following:

- A. Decrease on hand of raw materials
- B. Decrease planned use in production of raw materials
- C. Increase actual use in production of raw materials
- D. Increase on hand of finished item
- E. Decrease in work of finished item
- F. Optionally update cost of finished item

The actual production report will reflect the quantities produced and consumed.

### INQUIRIES

Inquiries available from the raw material system include:

- A. Bill of Material Inquiry
- A. Customer Work Order Inquiry
- C. Detail Open Work Order Inquiry
- D. Open Work Order - Drill Down Screen Inquiry
- E. Open Work Order Inquiry by Item
- F. Raw Material Where Used Inquiry

**MODULE OVERVIEW****REPORTS**

Reports available from the raw material system include:

- A. Bill of Materials Master Listing
- B. Labor Cost Center Listing
- C. Overhead Cost Center Listing
- D. Plan Listing
- E. Product Master Listing
- F. Open Work Order Report
- G. Open Work Order Report by Product
- H. Daily Production Posting Report
- I. Production Posting Inventory Audit Report
- J. Purchasing Forecast Report
- K. Raw Materials Where Used Report
- L. Raw Materials Stock Status by Finished Goods Report
- M. Raw Materials Inventory Evaluation Report - MTD
- N. Raw Materials Inventory Evaluation Report - YTD
- O. Raw Material Shortage Report



## WORK ORDER FILE DESCRIPTIONS

### **ALPHA.PROD**

This file contains the alphanumeric product which is used as the primary access method to obtain the Product Master and Detail records.

### **BILL.MAT**

This file contains a record for each manufactured item detailing the raw materials and the quantity used in the manufacturing process along with all manufacturing costs.

### **BILL.MAT.XREF**

This file contains a cross reference, for each component, of where it is used in the manufacturing process. It contains a string of all bill of materials and line numbers in which this component is found.

### **COMPANY**

This file defines each company defined by the MDS client. A maximum of 99 companies may be defined. The company name stored in this record is used as the heading for various reports. In addition, the prompt mask and next internal number to be used for the Product file is stored in this record.

### **FIFO**

The 'First In First Out' Costing file. A copy of each inventory receipt and production posted is captured in this and later used for the computation of fifo cost.

### **FINDER**

This file is used to determine which sequence of numbers are to be used for this company and warehouse.

### **INV.AUDIT**

This file contains a log of all transactions affecting the on hand inventory position, and forms the basis of the inventory audit report.

## WORK ORDER FILE DESCRIPTIONS

### **LIFO**

The 'Last In First Out' Costing file. A copy of each inventory receipt and production posted is captured in this and later used for the computation of lifo cost.

### **OPEN.WO.XREF**

This file contains a chain of all open work orders for a given item.

### **OPERATOR**

This file is used to validate the operator access into the work order system. The applications that may be accessed by this operator are entered through the operator maintenance program. Access into the work order system requires an access code of 'IN'.

### **PARAMETER**

The Parameter file stores various pieces of information used for the processing of the MDS client.

### **PROD.DET**

The Product Detail file contains an entry for each product for each warehouse in which it is stored. This file contains basic inventory, product, and product sales movement and history.

### **PROD.MAST**

The Product Master file contains one entry for each product carried by the company. Access is through the Alpha Product file. Basic descriptive information regarding the product is stored in this record as:

- Description
- Product classification (TYPE AND CLASS)
- Pricing
- Substitution
- Cost

## WORK ORDER FILE DESCRIPTIONS

### **PROD.POST**

The Production Posting file is used to store quantities produced and consumed in the production process. This file is used for the basis of the daily production report used for audit trail purposes.

### **PROD.RCPT**

Cross reference of purchase order receipts and production by product. The updating of this file is optional based on Parameter (56).

### **PROD.XREF**

Cross reference list of products received or produced. Can be used to drive the backorder allocation system. The updating of this file is optional based on Parameter (57).

### **SALES.2**

The Sales.2 file contains product history information. The key to the file is warehouse and product number, and contains:

- Product sales units (36 MONTHS)
- Product sales dollars (24 MONTHS)
- Product cost dollars (24 MONTHS)
- Use in production (36 MONTHS)

This file is used for various product sales history reports and the purchasing forecast report.

### **SEQ.CONT**

This file contains the sequence numbers to be used throughout the system. Access to this file is through the Finder file. The purchase order and work order numbers to be used (AMONG OTHERS) are stored in this file.

### **WAREHOUSE**

This file defines each of the warehouses used by the MDS client. A maximum of 999 warehouses may be used.

**WORK ORDER FILE DESCRIPTIONS****WO**

This file contains all open work orders.

**WO.PRT.XREF**

This file is used as a Cross Reference file of work orders that are waiting to be printed.

## MASTER FILE MAINTENANCE FUNCTION KEYS

The first 8 function keys on your keyboard (F1-F8) are reserved for special functions in the MDS master file maintenance programs.

They appear on the last line of the screen as follows.

### FUNCTION KEY DEFINITION

#### **HELP**

The HELP function is available by pressing the F1 function key. Help text is set up as two layers. By pressing F1 at the first field on the screen, an overall description of the master file will be displayed. If F1 is pressed at a specific field within the master file a detailed description of the field and its use will be displayed.

#### **END**

The END function is available by pressing the F2 function key. This feature eliminated the need to manually type the word "END" at the end of a program after accepting the data.

#### **INSERT**

The INSERT function is available by pressing the F3 function key. The insert mode feature allows insertion of words or numbers into an existing text. Simply bring your cursor to the line or position in which you wish to insert and press F3. For example, if in a master file you wish to insert additional words into a description field or correct a spelling error, you may use the insert function to do so, rather than retype the text.

#### **LDELETE**

The LDELETE (line delete) function is available by pressing the F4 function key. The LDELETE function allows you to delete a line from the master file, in place of the \*, which is used in older versions of the system. Simply bring the cursor to the line or field you wish to delete and press F4.

## MASTER FILE MAINTENANCE FUNCTION KEYS

### FUNCTION KEY DEFINITION (Continued)

#### **PREV PAGE**

The PREV PAGE (previous page) function is available by pressing the F5 key (SHIFT F1 for terminals supporting only 4 function keys). This function would be used for master files which contain multiple input screens, and will allow easy paging to additional screens. This function will be used simultaneously with the NEXT PG (next page function see next item) function to move back and forth between the screens.

#### **NEXT PG**

The NEXT PG (next page) function is available by pressing the F6 function key (SHIFT F2 for terminals supporting only 4 function keys). This function would be used for master files which contain multiple input screens, and will allow easy paging to additional screens. This function will be used simultaneously with the PREV PG (previous page function see item above) function to move back and forth between the screens.

#### **INQUIRY**

The INQUIRY function is available by pressing the F7 function key (SHIFT F3 for terminals supporting only 4 function keys). This function allows the operator the flexibility to display items in the master file already entered and to display other master files used within the file being created. Example: The Product Master file. At the first prompt for product number, if F7 is pressed an inquiry can be made to display products on file (to eliminate duplication). If you press the F7 key at another field for example product type (which is another master file) the system will display product types on file to help the operator in selecting which product type best fits the product being created. As you can see the inquiry function can be a very useful tool when creating or maintaining master files.

#### **ABORT**

The ABORT function is available by pressing the F8 function key (SHIFT F4 for terminals supporting only 4 function keys). This function is used to end a program without applying changes or additions made and should only be used if you DO NOT want the changes to be updated to the file.

**MASTER FILE MAINTENANCE FUNCTION KEYS****FUNCTION KEY DEFINITION (Continued)****ABORT (Continued)**

If used, the record will be filed as it was before the operator accessed it, in other words, as though no changes were made.

The function keys listing above only apply to master file maintenance programs.

## RAW MATERIALS MENU

File Edit Settings File Transfer

Account: BASE.10 Port: 19 Menu: RM.FILE.MAINT

Raw Material Related Files

<u>Maintain</u>	<u>Listing</u>
1. Bill of Material	7. Bill of Material
2. Labor Cost Center	8. Labor Cost Center
3. Overhead Cost Center	9. Overhead Cost Center
4. Plan	10. Plan
5. Product Master	11. Product Master
6. Finished Goods Cost Update	

Enter Selection or END :

OR	VE	MAINT	EMAIL	AUDIT		CAPT ON	VIEW	Er
HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	k



### BILL OF MATERIAL

BILL OF MATERIALS MAINTENANCE						
PROD#:	XXXXXXXXXXXXXXXXXXXXXXXXXXXX			DESC1:		
STK UM:	CST UM:		DESC2:			
1. OVERHEAD COST CENTER:			4. LABOR COST CENTER:			
2. OVERHEAD RATE:			5. INDIRECT LABOR:			
3. STANDARD LABOR HOURS:						
6. COMPONENTS:						
PRODUCT NUMBER			STK	PROD	CST	LABOR
DESCRIPTION	SUPPLIER	QTY	UM	COST	UM	COST
7. ROUTING:						
INSTRUCTIONS			LOCATION	# OF	MATERIAL	LABOR
			SHIP TO/STEP#	DAYS	COST	CENTER

								Br
F1	F2	F3	F4	F5	F6	F7	F8	k

**BILL OF MATERIAL**

PROGRAM NAME	SSS.BP GEN.MASTER SSS.BP BILL.MAT-MAINT010 SSS.BP BILL.MAT.OPEN010 SSS.BP BILL.MAT.READ008 SSS.BP BILL.MAT.EXIT010
SELECTION	MENU-28.1
SELECTION NUMBER	1
FILES ACCESSED	BILL.MAT PROD.MAST ALPHA.PROD

**OVERVIEW**

This file defines for each finished good items, the raw materials and the quantity used in the manufacturing process. In addition the direct labor, indirect labor and manufacturing overhead costs are maintained for calculation of the current cost of manufacturing for the end item.

The system provides for multi-level bill of materials and any number of components for each finished good item.

## FIELD DESCRIPTIONS

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
00	00	EXT PROD#	AN	25	External finished product number.
00	00	DESC1	AN	25	Description will display from the Product Master file.
00	00	DESC2	AN	25	Description will display from the Product Master file.
00	00	STK UM	A	2	Stocking unit of measure will display from the Product Master file.
00	00	CST UM	A	2	Costing unit of measure will display from the Product Master file.
01	33	OVERHEAD COST CENTER	N	5	Enter the overhead cost center.
02	34	OVERHEAD RATE	N	5	Enter the overhead rate per unit.
03	35	STANDARD LABOR HOURS	N	5	Enter the standard labor hours.
04	36	LABOR COST CENTER	N	5	Enter the labor cost center.
05	37	INDIRECT LABOR	N	7	Enter the indirect labor cost.

## FIELD DESCRIPTIONS

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
06	2	COMPONENTS - PRODUCT NUMBER	AN	25	Enter the components (product numbers) needed to produce the finished product.
00	17	SUPPLIER	A	1	Component (product) supplier code: C = Customer V = Vendor W = Warehouse
00	3	QTY	N	12	Enter the quantity of the component (product) needed to produce the finished product.
00	00	STK UM	A	2	Stocking unit of measure will display from the Product Master file.
00	18	PROD CST	N	7	Enter the component (product) cost. This will be used to track the product cost from the vendor.
00	00	COST UM	N	2	Costing unit of measure will display from the Product Master file.
00	19	LABOR COST	N	5	Enter the labor cost.
07	20	ROUTING INSTR	A	4	Enter the routing instructions for production details for this routing stage.

## FIELD DESCRIPTIONS

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
00	19	LABOR COST	N	5	Enter the labor cost.
00	21	LOCATION SHIP TO	A	1	Routing location code: V = Vendor W = Warehouse
00	30	# OF DAYS	N	3	Enter the average number of days needed to complete routing task.
		STEP#	N	3	Enter the routing step number.
00	31	MATERIAL COST	N	8	Enter the material cost.
00	32	LABOR CENTER	N	5	Enter the labor cost center for routing.

**ENTER LINE# TO CHANGE, DELETE TO DELETE, 0 TO ACCEPT:**

Enter the line number to change, 'DELETE' to delete the record or '0' to accept the record.

To update the costs for the product run the finished goods cost update program.

## BILL OF MATERIAL LISTING

PROGRAM NAME	RM.BP B.MAST.LIST
SELECTION	MENU-28.1
SELECTION NUMBER	7
FILES ACCESSED	BILL.MAT PROD.MAST

### OVERVIEW

This program lists the Bill of Material records and raw materials used in the bill of material.

### OPERATING INSTRUCTIONS

#### **BILL OF MATERIAL FILE LIST**

#### **HIT <RTN> TO CONTINUE OR 'END'**

Hit 'RETURN' to continue with the listing or enter 'END' to return to the menu.

#### **ENTER PRODUCT CLASS OR 'ALL' FOR ALL CLASSES**

Enter a 3 digit product class, 'ALL' to include all classes on the listing or 'END' to return to the menu.

## BILL OF MATERIAL LISTING

PAGE: 1

BILL OF MATERIAL FILE LIST

DATE: Oct.13, 1997

A.PROD.NO	FIN-GOOD DESC	UM	PROD.NO	COMPONENT DESC	UM	QTY/ITM	LST.CST	COST	LABOR	CREATE
OAK-DESK	OAK EXECUTIVE DESK	EA	OAK-LEG	OAK DESK LEG	EA	4.000	27.00	29.50	0.00	10/15/97
			OAK-TOP	OAK DESK TOP	EA	1.000	89.00	89.00		
			OAK-SIDES	OAK DESK SIDE	EA	2.000	39.00	39.00		
			DESK-FRONT	OAK DESK FRONT	EA	1.000	75.00	79.00		
			OAK-DRAWER	OAK DRAWERS	EA	4.000	16.50	16.25		
			DESK-KEY	EXEC. DESK KEY	EA	1.000	1.88	1.80		
			CTR-DRAW	OAK CENTER DRW.	EA	1.000	15.00	15.00		
			RED-FELT	RED FELT	EA	2.500	2.10	5.25		
			SHRINK	SHRINK WRAP 36	EA	7.750	.75	.73		

\*\*\*

STUSSY	STUSSY DTR CHAIR	EA	CROSS-LEG	CRISSCROSS LEGS	EA	2.000	13.25	13.25	0.00	10/13/97
			CAN-ST	CANVAS SEAT	EA	1.000	5.95	5.93		
			A1002	CHAIR ARMS	EA	2.000	7.65	7.65		
			CAN-BK	CANVAS BACK	EA	1.000	4.00	4.00		
			BK-SPIN	BACK SPINDLES	EA	2.000	2.00	2.00		
			SHRINK	SHRINK WRAP 36	EA	6.950	.68	.68		

\*\*\*

## LABOR COST CENTER

LABOR COST CENTER MAINTENANCE

LABOR COST CENTER: 00077

1.DESCRPTION: EXECUTIVE FURNITURE

2.HOURLY RATE: 11.00

3.UNIT LABOR COST: 5.00

4.DIRECT LABOR G/L#: 1000-00 ASSETS

5.INDIRECT LABOR G/L#:

ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT :

								Br
HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	k



**LABOR COST CENTER**

PROGRAM NAME	SSS.BP GEN.MASTER
	LABOR.CENTER-MAINT010
SELECTION	MENU-28.1
SELECTION NUMBER	2
FILES ACCESSED	LABOR.CENTER

**OVERVIEW**

The Labor.Center file is used in the bill of materials and the work order creation. This maintenance is used to set up labor cost for workers and posts to the general ledger for labor.

**OPERATING INSTRUCTIONS****LABOR COST CENTER**

Enter a labor cost center up to 5 characters.

**DESCRIPTION**

Enter a description of the labor cost center.

**HOURLY RATE**

Enter the hourly rate of the cost center.

**UNIT LABOR COST**

Enter the unit labor cost of the labor cost center.

**DIRECT LABOR G/L#**

Enter the direct labor general ledger number for the labor cost center.

**INDIRECT LABOR G/L#**

Enter the indirect labor general ledger number for the labor cost center.

LABOR COST CENTER

OPERATING INSTRUCTIONS (Continued)

**ENTER LINE # TO CHANGE, DELETE TO DELETE, 0 TO ACCEPT:**

Enter line number to change, 'DELETE' to delete or '0' to accept.

**LABOR COST CENTER LISTING**

PROK	LABOR.COST.CTR.LIST
SELECTION	MENU-28.1
SELECTION NUMBER	8
FILES ACCESSED	LABOR.CENTER

**OVERVIEW**

This report lists all labor cost centers.

**OPERATING INSTRUCTIONS****LABOR COST CENTER LISTING**

**HIT <NL> TO CONTINUE OR 'END' TO RETURN TO SELECTOR:**

Hit 'RETURN' to continue or 'END' to return to the menu.

LABOR COST CENTER LISTING

PAGE 1

\*\*\*\*\* LABOR COST CENTER LIST \*\*\*\*\*

DATE 03:27:11pm

27 NOV 1997

KEY	DESCRIPTION	HOURLY RATE	UNIT COST	DIR.GL#	DIR.GL.DESC	IND.GL#	IND.GL.DESC
00001	PRODUCTION/LABOR	5.50	2.00	2935-00	DIRECT LABOR	2936-00	INDIRECT LABOR
00002	EXECUTIVE DESKS	11.00	5.00	1000-00	DIRECT LABOR	2936-00	INDIRECT LABOR
00003	EXECUTIVE STOOLS	8.00	3.00	1000-00	DIRECT LABOR	2936-00	

3 records listed.

## OVERHEAD COST CENTER

The screenshot shows a window titled "OVERHEAD COST CENTER MAINTENANCE". The window has a menu bar with "File", "Edit", "Settings", and "File Transfer". The main content area displays the following information:

**OVERHEAD COST CENTER:** 04436

**1.DESCRPTION:** EXEC FURNITURE

**2.PER UNIT OVERHEAD RATE:** 11.50

**3.GENERAL LEDGER #:** 1000-00 ASSETS

ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT :

At the bottom of the window is a control panel with several buttons: HELP, END, INSERT, LDELETE, PREV PG, NEXT PG, INQUIRY, ABORT, and a key combination button labeled "Br k".

**OVERHEAD COST CENTER**

PROGRAM NAME	SSS.BP GEN.MASTER
	OVERHEAD.CENTER-MAINT010
SELECTION	MENU-28.1
SELECTION NUMBER	3
FILES ACCESSED	OVRHD.CENTER

**OVERVIEW**

The Ovrhd.Center file is used in the bill of materials and work order creation. This maintenance is used to set up overhead cost to keep products stocked in the warehouse.

**OPERATING INSTRUCTIONS****OVERHEAD COST CENTER**

Enter a overhead cost center up to 5 characters.

**DESCRIPTION**

Enter a description for the overhead cost center.

**PER UNIT OVERHEAD RATE**

Enter the overhead rate per unit.

**GENERAL LEDGER #**

Enter the general ledger number for the overhead cost center.

**ENTER LINE # TO CHANGE, DELETE TO DELETE, 0 TO ACCEPT:**

Enter line number to change, 'DELETE' to delete, or '0' to accept.

**OVERHEAD COST CENTER LISTING**

PROK	LABOR.COST.CTR.LIST
SELECTION	MENU-28.1
SELECTION NUMBER	8
FILES ACCESSED	LABOR.CENTER

**OVERVIEW**

This report lists all overhead cost centers.

**OPERATING INSTRUCTIONS****OVERHEAD COST CENTER LISTING**

**HIT <NL> TO CONTINUE OR 'END' TO RETURN TO SELECTOR:**

Hit 'RETURN' to continue or 'END' to return to the menu.

# OVERHEAD COST CENTER LISTING

PAGE 1

\*\*\*\*\* OVERHEAD COST CENTER LIST \*\*\*\*\*

DATE 03:27:17pm

27 NOV 1997

KEY	DESCRIPTION	HOURLY RATE	GL#	GL.DESC
00001	PRODUCTION/LABOR	5.50	2935-00	DIRECT LABOR
00002	EXECUTIVE DESKS	11.00	1000-00	DIRECT LABOR
00003	EXECUTIVE STOOLS	8.00	1000-00	DIRECT LABOR

3 records listed.



## PLAN

**PLAN MAINTENANCE**

PLAN#: EXEC1

1. DESCRIPTION 1: EXECUTIVE OAK OFFICE  
2. DESCRIPTION 2: FURNITURE  
3. DESCRIPTION 3:  
4. DESCRIPTION 4:  
5. PRICING REQUIRED: Y  
6. SIGNAGE REQUIRED: Y

ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT :

								Br k
HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	

**PLAN**

PROGRAM NAME	SSS.BP GEN.MASTER
	PLAN-MAINT010
SELECTION	MENU-28.1
SELECTION NUMBER	4
FILES ACCESSED	PLAN

**OVERVIEW**

The Plan file is used to setup up plan numbers, descriptions and required components. The objective of the plans is to have the ability to track sales for a particular promotion or specific type of finished good.

**OPERATING INSTRUCTIONS****PLAN#**

Enter a plan number up to 10 characters.

**DESCRIPTION 1-4**

Enter a description of the plan.

**PRICING REQUIRED**

Is pricing required 'Y' or 'N'.

**SIGNAGE REQUIRED**

Is a display sign needed 'Y' or 'N'.

**ENTER LINE # TO CHANGE, DELETE TO DELETE, 0 TO ACCEPT:**

Enter line number to change, 'DELETE' to delete, or '0' to accept.

**PLAN LISTING**

PROK	PLAN.LIST
SELECTION	MENU-28.1
SELECTION NUMBER	10
FILES ACCESSED	PLAN

**OVERVIEW**

This report lists all plans.

**OPERATING INSTRUCTIONS****PLAN LISTING**

**HIT <NL> TO CONTINUE OR 'END' TO RETURN TO SELECTOR:**

Hit 'RETURN' to continue or 'END' to return to the menu.







## PRODUCT MASTER FILE MAINTENANCE

PROGRAM NAME	SSS.BP PROD.MAST.MAINT008	
	SSS.BP PROD.MAST.OPEN008	
	SSS.BP PROD.MAST.INIT008	
	SSS.BP PROD.MAST.READ008	
	SSS.BP PROD.MAST.WRITE008	
	MDS SUBS.PRODMAINT008	
SELECTION	MENU-28.1	
SELECTION NUMBER	5.2	
FILES ACCESSED	VEND.XREF	KIT.MASTER
	UN.MEAS	GROUP.MAST
	ALPHA.PROD	PMI.BTREE
	PLINE.XREF	SALES.4
	ITEM.PO	CON.ITEM.INQ
	ITEM.INQ	
	PROD.DET	
	PM.BTREE	

### OVERVIEW

The Product Master file contains one entry for each product carried by the company. Access is through the Alpha Product file. Basic descriptive information regarding the product is stored in this record such as:

1. Description
2. Product Classification
3. Pricing

## PRODUCT MASTER FILE MAINTENANCE

### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Mast

---

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
00	0	EX PROD #	AN	25	Product number

---

In addition to the external product code as entered by the operator, the system will generate a 6-digit "INTERNAL" number. This sequential "INTERNAL" Prod.No is used to store and retrieve product information data in an effective way. The operators and users, however, need never concern themselves with this "INTERNAL" number, always referencing the account via the "EXTERNAL" product code.

Whenever the entry of a product code is required, whether in a file maintenance program, in order entry, or elsewhere, the same procedure is followed. The operator enters a product code which is checked in a Cross-Reference file (Alpha.Prod) to provide the system with the corresponding internal product number.

In a similar fashion, there may be several external references to the same product. (i.e., vendor product code, customer product code ,etc.)

In order to allow control of the format of the product code, the maintenance procedures use two fields from the Company file. These fields can be used to precisely define the format and pattern which will be accepted for a new product code.

01	1	DESC. 1	AN	25	Description line 1
02	2	DESC. 2	AN	25	Description line 2



## PRODUCT MASTER FILE MAINTENANCE

### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Mast

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
03	8	VENDOR #	N	5	Vendor number
<p>This field is available for recording the "main" vendor for this product, or, if the product is a drop ship item, the drop ship vendor number is stored here. The vendor ID entered must exist on the Vendor Master file.</p>					
04	65	VND PROD/DESC	AN	22	Vendor product description.
<p>If present, this field will be picked up by the purchase order subsystem for printing on the P/O. If this field is not present, description 1 will be used.</p>					
05	62	PURCH AGENT	AN	20	Purchasing agent
06	30	UNIT PACK	N	5	Unit pack
<p>This field contains the quantity that corresponds to the unit of measure of 'PK'. It is designed to be used for products that have an "INNER" pack which may be shippable.</p>					

## PRODUCT MASTER FILE MAINTENANCE

### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Mast

---

LINE ATTR PROMPT	TYPE SIZE	DESCRIPTION
------------------	-----------	-------------

---

MDS has the ability to support different stocking, selling, and purchasing units of measure. To support this capability the following fields are provided in the Product Master file:

Stocking U/M - The standard unit in which inventory of this product is maintained.

Selling U/M - The standard unit in which this product is sold to customers.

Pricing U/M - The standard unit in which this product is priced and costed. In concept, similar to pricing multiple.

Purchasing U/M - The standard unit in which the product is purchased.

The units of measure may be defined in one of two ways:

1. Global - Via the Un.Meas file, the system is told all the available units: I.e., EA=1, DZ=12, GR=144, etc.

2. Product - Each product may have three units defined in the Product Master file:

PK-Pack Quantity

BX-Box Quantity

CS-Case Quantity

### PRODUCT MASTER FILE MAINTENANCE

#### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Mast

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
07	31	BOX QTY	N	5	Box quantity
					This field contains the quantity that corresponds to the unit of measure of 'BX'.
08	83	CASE QTY	N	5	Case quantity
					This field contains the quantity that corresponds to the unit of measure of 'CS'.
09	81	STOCK UM	AN	2	Stocking unit of measure
	82		N	2	Numeric quantity of stock um
10	80	PRC/COST UM	AN	2	Pricing multiple unit of measure
	19		N	2	Numeric quantity of price unit of measure
11	18	STD SELL UM	AN	2	Standard selling unit of measure
	17		N	2	Numeric quantity of selling unit of measure
12	59	PURCH UM	AN	2	Purchase order unit of measure
	58		N	2	Numeric quantity of purchase unit of measure
13	20	MIN SOLD QTY	N	6	Minimum sold quantity

If used, this field will prevent an order line from being accepted if the quantity ordered is below the stated level.

## PRODUCT MASTER FILE MAINTENANCE

### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Mast

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
14	9	LIST PRICE	N	7	List or retail price
15	5	STANDARD COST	N	7	Standard cost
<p>This field is manually entered and maintained. Depending on values established in the Parameter record, it may be used during inventory valuation procedures.</p>					
16	6	CURRENT COST	N	7	Current cost
<p>This field is entered when the product is initially created, and is updated by the receiving subsystem to reflect the last cost paid. Depending upon values set up in the Parameter record, this field may be used in inventory valuation procedures.</p>					
17	61	FOREIGN COST	N	7	Cost in foreign currency
18	84	SHOW COST	N	7	Show cost
<p>This field is used as the cost of an item for calculating salesman's commissions on gross profit.</p>					
19	34	CASH %	N	5	Cash discount percent
<p>When cash discount is calculated on a product by product basis, this field is used.</p>					
20	38	DISCOUNTABLE	A	1	Discountable indicator (Y-N)
21	39	TAXABLE	A	1	Taxable indicator (Y-N)
22	40	DISCONTINUED	A	1	Discontinued indicator (Y-N)

## PRODUCT MASTER FILE MAINTENANCE

### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Mast

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
23	41	ACCEPT B/O	A	1	Backorders indicator (Y-N)  A "N" in this field means that backorders will not be created for this product. Instead, any non-shipped quantity will be canceled.
24	42	PART SHIP	A	1	Partial shipment indicator (Y-N)  A "N" in this field means that orders for this product must be shipped in full. If insufficient quantity is available to ship the entire amount ordered, a backorder may result (see backorder indicator).
25	22	INV BYPASS	A	1	Inventory bypass ind. (Y-N)  A "Y" in this field will prevent the product from going on backorder . The on hand quantity will not be checked during order entry.
26	43	STOCK STATUS	A	1	Stock status indicator (Y-N)  If this field is set to "Y" this product will be included on the stock status reports. If "N", it is excluded.
27		PROD LINE	N	6	Product line  The product line associated with this product (used in inventory management and order entry).

## PRODUCT MASTER FILE MAINTENANCE

### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Mast

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
28	26	PROD CLASS	N	3	Product class
					This field may be used for pricing and/or for determination of taxable status (via the Tax Matrix file). It is also available for general use, with classes as assigned by the user.
29	28	PROD TYPE	N	3	Product type
					This field is available for general use, with types as assigned by the user. Sales may be updated to the general ledger by product type.
30	29	WEIGHT	N	7	Pack weight
31	32	PKG CUBE	AN	10	Package cube size
32	66	BLOCK & TIER	AN	5	Arrangement on pallet NN X NN
33	27	CAT PAGE	N	5	Catalog page
34	49	LEAD TIME	N	5	Purchasing lead time
35	36	SUB IND	A	1	Substitute indicator (Y-R)

This indicator is used by the order entry subsystem to control the type of substitution processing used. A "Y" will initiate automatic substitution whenever insufficient quantity is available. A "R" will result in a display of listed substitutes for operator decision. A null in this field means that substitution is not used.

## PRODUCT MASTER FILE MAINTENANCE

### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Mast

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
36	37	SUB PROD#	AN	13	Substitute product number
<p>If either form of substitution is used, the operator enters the external product number in this field. The substitute must already be on file in the Product Master file. Additional substitutes may be entered using the substitute product maintenance program on the same selector.</p>					
37	77	SUB PRC IND	A	1	Substitute pricing indicator (O,S,L)
<p>This field control the pricing of substituted lines during order entry. A "O" will use the price from the original product, regardless of what the substitutes price was. An "S" will use the price from the substitute product, and an "L" will use the lowest of the two prices.</p>					
38	23	MIN GP	N	5	Minimum gross profit percent.
<p>This field is used during order entry to determine if the line item on the order should be placed on price hold. (Used in conjunction with Parameter (4) price hold indicator)</p>					
39	53	DISC BREAK IND	A	1	Discontinued break indicator.
40	90	MIN PO QTY	N	5	Minimum purchase order quantity. This field is not currently in use.
41	79	UNITED	A	1	United product (Y/N)
42	89	UNITED STOCK IND	A	1	United stock indicator (Y/N)

### PRODUCT MASTER FILE MAINTENANCE

#### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Mast

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
43	91	NO WIPEOUT	A	1	No wipeout (Y/N). This field is not currently in use.
44	46	DROPSHIP IND	A	1	Drop ship indicator (Y/N).  Indicates whether or not the item may be drop shipped.
45	92	MNF PROD#	AN	15	Manufacturers product number.
46	93	UNITED PROD#	AN	15	United product number. Enter the united product number for this item.
47	94	CONTRACT COST	N	8	Contract cost.
48	94	EXPIRATION DATE	N	8	Expiration date for contract cost MM/DD/YY.
49	86	WARRANTY PD	N	4	Enter the length of the warranty period.
50	87	SERIAL	A	1	Serial number product (Y/N).
51	88	QTY FACTOR	N	8	Quantity factor. This field is used in the Inventory management module.
52	101	SEASONAL	A	1	Seasonal item (Y/N). This will be used for inventory management.



## PRODUCT MASTER FILE MAINTENANCE

### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Mast

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
53	24	TEMP ITEM	A	1	Temporary item (T or null).  A 'T' in this field will flag this product for deletion during periodic (usually monthly/yearly) housekeeping. The temporary flag is automatically set to 'T' as a result of the non-stock product addition procedure during order entry.
54	102	VENDOR	A	2	Enter the vendors that this product can be auto-ordered from UN = United ST = stationers.
	103	PRODUCT	AN	15	Enter the vendor's product number for auto-order of this item.
	104	ACTIVE	A	1	Enter 'Y' if this vendor should currently be set to auto-order this product. Only one vendor can be active at the same time. If no vendor is specified as active this product will not be auto ordered.
55	105	TRANS SHIP IND	A	1	W = Use string of valid warehouses for availability. S = Use normal substitutions.

### PRODUCT MASTER FILE MAINTENANCE

#### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Mast

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
56	106	GROUP NUMBER	AN	20	If this product is part of an order entry group, enter the group number. The group number must validate to the Group.Mast file.
57	108	CONTROLLED DRUG	A	1	Is this product a controlled drug (Y/N).
58	109	EXPIRATION DATE REQ	A	1	Expiration date required (Y/N).
59	110	REBATABLE	A	1	Is this product rebatable (Y/N).
60	111	NDC NUMBER	N	15	Used to tie products to medi-span update tapes.
61	112	NSN NUMBER	N	13	National stocking number.
62	146	BLANKET PO (Y/N)	A	1	Is this a blanket PO (Y/N).
63	147	PO GROUP		20	Used for group pricing.
64	148	DEA TYPE	AN	2	DEA schedule type.
65	149	MDS FLAG	A	1	Medical data sheet flag (Y/N).
66	150	CATCH WEIGHT FLAG	A	1	Catch weight item (Y/N).
67	151	MIN AVERAGE WEIGHT	N	6	Minimum average weight.

### PRODUCT MASTER FILE MAINTENANCE

#### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Mast

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
68	152	MAX AVERAGE WEIGHT	N	6	Maximum average weight.
69	153	SUPP METHOD	A	1	Supply method. "P" - Purchased product "M" - Manufactured product "C" - Customer supplied product
70	154	CUSTOMER	AN	6	Customer number for customer supplied products.
71	155	DISPOSITION	A	1	Disposition flag "R" - Resell "E" - Erase media "D" - Discard "V" - Return to vendor
72	156	OWNING CO#	N	2	Enter the company that owns the inventory for this product. This information will be used for the inter-company transaction calculations.
73	157	MARK UP PCT	N	5	Mark up percent entered and used in calculations used for inter-company transactions.

## PRODUCT DETAIL FILE MAINTENANCE

File Edit Settings File Transfer	
<b>PRODUCT DETAIL MAINTENANCE</b>	
WAREHOUSE #: 001 NEW YORK	
EX PROD # : NFSU-S	NO FRILLS STICK UP SPRING
1.LAST COST	7.30
2.STD COST	
3.MESSAGE	
4.WAREHOUSE LOC	1. A-5
	2.
	3.
	4.
5.OH NEGATIVE IND	N
6.LOT LOGIC IND	N
7.UNIT/LEN QTY	U
8.CYCLE COUNT CODE	
ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT :█	
PAGE 1 OF 2	
HELP	END
INSERT	LDELETE
PREV PG	NEXT PG
INQUIRY	ABORT
Er k	

### PRODUCT DETAIL FILE MAINTENANCE

PRODUCT DETAIL MAINTENANCE			
WAREHOUSE #: 001 NEW YORK			
EX PROD # : NFSU-S		NO FRILLS STICK UP SPRING	
INVENTORY MANAGEMENT FIELDS :			
*** MANUAL OVERRIDES ***			
9.USAGE OVERRIDE		REASON	
10.ROP OVERRIDE	264	DATE	
11.ROQ OVERRIDE	350	EXPIRATION	
12.SAFETY STOCK			
13.PLT OVERRIDE	0.0		
14.LINE PT OVERRIDE			
15.STOCKED AT WHS	Y	22.LOCATIONS	1.
16.VELOCITY	B		2.
17.TREND SOURCE		23.ENVIRON	
18.SEASONAL			
19.REPLEN METHOD			
20.PO COST OVERRIDE	0.00		
21.REPLENISH FLAG			
ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT :			PAGE 2 OF 2
HELP	END	INSERT	LDELETE
PREV PG	NEXT PG	INQUIRY	ABORT

**PRODUCT DETAIL FILE MAINTENANCE**

PROGRAM NAME	SSS.BP GEN.MASTER PROD.DET.MAINT008 PROD.DET.OPEN008 PROD.DET.INIT008 PROD.DET.WRITE008
SELECTION	MENU-28.1
SELECTION NUMBER	5.3
FILES ACCESSED	PROD.MAST ITEM.PO ITEM.INQ KIT.WHERE.USED CON.ITEM.INQ PROD.DET

**OVERVIEW**

The Product Detail file contains an entry for each product for each warehouse in which it is stocked or sold. This file contains basic inventory, product, and product sales movement and history.

### PRODUCT DETAIL FILE MAINTENANCE

#### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Det

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
00	0	WAREHOUSE #	N	3	Warehouse number.
00	0	EX PROD #	AN	25	Product number.
01	39	LAST COST	N	9	Last cost paid.
					This field may be used instead of the current cost field in the Prod.Mast file, if cost information is to be kept on a warehouse basis.
02	41	STD COST	N	9	Standard cost.
					Standard cost, like last cost, may be kept in the Prod.Det file instead of the Prod.Mast file if costing is to be done on a warehouse basis.
03	74	MESSAGE	A	30	Message to appear on order.
					If a message is entered, it will appear on the order document immediately beneath the order line. Optionally, it may be displayed on the order entry screen as a message to the operator instead.
04	9	WAREHOUSE LOC 1	AN	5	Warehouse location 1
					This is the primary picking location for this product in this warehouse. Picking documents or summary picking reports may be printed in location sequence.
04	9	WAREHOUSE LOC 2	AN	5	Warehouse location 2.
04	9	WAREHOUSE LOC 3	AN	5	Warehouse location 3.

## PRODUCT DETAIL FILE MAINTENANCE

### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Det

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
04	9	WAREHOUSE LOC 4	AN	5	Warehouse location 4.
05	72	OH NEGATIVE IND	A	1	On hand negative ind (Y-N).

These three fields are additional picking locations in the same warehouse and are available for reports or lookup.

This indicator field is used during updates to inventory on hand fields. A "Y" in this field means that the on hand figure will be allowed to go negative; a "N" will change all negative on hand values to zero. The update to on hand will give a negative result whenever the operator enters a shipped quantity that is greater than the on hand figure currently in the system.

This circumstance arises when, for example, inventory has been received into the warehouse, but the transaction has not yet been posted or any other time when the operator "KNOWS" that a particular quantity of merchandise was actually shipped. If a receiver is to be posted later, obviously, a negative on hand is desirable, as otherwise the inventory quantity will be out of balance.

Therefore, this field is "Y" for products where the on hand figure is expected to be correct, or for products which are to be tracked through the inventory management subsystem. There may be cases, however, where management does not want to track inventory, and items, this field should be "N."



## PRODUCT DETAIL FILE MAINTENANCE

### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Det

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
06	73	LOT LOGIC IND	A	1	Lot inventory maintained (Y/N).
<p style="text-align: center;">This indicator field is used to indicate if this product, for this warehouse, is maintained by lot. Thus lot control can be implemented selectively by product, and can also be implemented on a warehouse by warehouse basis.</p>					
07	112	UNIT/LEN QTY	A	1	Enter "U" to force lot kit components to match quantity. Enter "L" for over/under ship ability. Used with lot/kit logic only.
8	135	CYCLE COUNT CODE	N	3	Cycle count code is used in physical inventory procedures.
09	105	USAGE OVERRIDE	AN	6	Manual usage override

## PRODUCT DETAIL FILE MAINTENANCE

### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Det

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
10	52	ROP OVERRIDE	N	8	Manual reorder point.  ROP is one of the fields used to make a low stock determination. The ROP value, whether calculated by the inventory management subsystem, or manually entered, is the trigger which should initiate a purchasing cycle.
11	53	ROQ OVERRIDE	N	8	Manual reorder quantity.  The ROQ, whether manually entered or calculated, represents the quantity to be ordered (from the vendor) once the ROP has been reached.
12	54	SAFETY STOCK	N	8	Safety stock.  Safety stock is used to control the chance that, despite the predefined inventory management determinations, the quantity on hand will reach zero before replenishment merchandise is received. The higher the safety stock level, the lower the chance an out of stock condition will arise.
13	109	PLT OVERRIDE	N	4	Manual override of purchase lead time, determined by the inventory management subsystem.
14	108	LINE PT OVERRIDE	N	7	Manual override of line point quantity, determined by the inventory management subsystem.

## PRODUCT DETAIL FILE MAINTENANCE

### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Det

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LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
------	------	--------	------	------	-------------

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The four field, ROP, ROQ, Safety Stock, and Velocity, allow for the manual override of data that are calculated by the inventory management subsystem.

Entry of data through the maintenance program will replace the calculated values, and will prevent the calculation from taking place in the future.

For a detailed discussion of the nature of the calculation performed by the inventory management subsystem and the use of these four field, please refer to the MDS inventory management product description.

15	52	STOCED AT WHS	A	1	Stored at warehouse (Y/N). This field indicated whether or not the product is stocked in this warehouse.
16	62	VELOCITY	A	1	Velocity code

Although it may be a manually assigned value, the velocity code is often a computed value, determined by the inventory management subsystem. The different velocity codes represent the value placed on the item, usually specified as A, B, C, or D, and relate to the risk that is acceptable in determining safety stock levels.

## PRODUCT DETAIL FILE MAINTENANCE

### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Det

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
17	101	TREND SOURCE	A	1	Trend source
<p>Method of computing the trend on seasonal items:            (I) - Use usage data at the item level.            (P) - Use the Aggregate Trend percentage from Product Line file, PLINE(25).            (C)- Use the Aggregate Trend percentage from the company as stored in the Im.Param record, Im.Param(18).</p> <p>The aggregate trend percentages are calculated during the inventory management sales update. This field can also be set at the product line and at the company level (Im.Param).</p>					
18	101	SEASONAL	A	1	Is this a seasonal product (Y/N) ?
<p>This flag can also be set at the product master level.</p>					
19	101	REPLEN METHOD	N	1	Replenishment method:
<ol style="list-style-type: none"> <li>1. USE EOQ/LINE POINT</li> <li>2. INVENTORY CLASS</li> <li>3. MINIMUM/MAXIMUM</li> </ol>					
20	101	PO COST OVERRIDE	N	6	Purchase order cost override.
<p>Enter the cost of issuing a PO for this item this value is set at the Im.Param level, Im.Param(40) only enter a value here if this product has an unusual PO cost.</p>					

## PRODUCT DETAIL FILE MAINTENANCE

### FIELD DESCRIPTIONS

File maintenance field parameters for file Prod.Det

LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
21		REPLENISH FLAG	N	3	This flag is used to determine how the demand is to be adjusted.
					The default value of 000 indicates the product will be replenished from the vendor. Otherwise, the flag will be for a specific warehouse and the demand for this warehouse will be added to the demand calculated from the Product Detail record.
		REASON	A	2	Reason code.
					Enter the reason for entering overrides.
		DATE	N	8	Date MM/DD/YY
		EXPIRATION	N	8	Expiration date MM/DD/YY
22	171	LOCATIONS	AN	5	Product locations.
23	172	ENVIRON	A	1	Environmental flag is used to determine if the product has any special environmental consideration (Y/N).



## PRICING MASTER FILE MAINTENANCE

PROGRAM NAME	SSS.BP GEN.MASTER PRICE.MAINT008 PRICE.INIT008 DISPLAY.PRODUCT008 PRICE.WRITE008
SELECTION	MENU-28.1
SELECTION NUMBER	5.4
FILES ACCESSED	PROD.MAST STATUS-LOG

### OVERVIEW

This program allows entry and maintenance of the price, discount, and commission fields stored in the Prod.Mast file.

It also facilitates the entry of quantity break fields optionally used in order entry. The quantity ordered is compared with the "Qty Break" fields. When the quantity ordered is less than or equal to the quantity amount stored in the file, the price, discount and commission for that level is used.

## FIELD DESCRIPTIONS

File maintenance field parameters for file PROD.MAST (PRICE FIELDS)

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LINE	ATTR	PROMPT	TYPE	SIZE	DESCRIPTION
00	0	PRODUCT	AN	13	External product number.
01	- 15				
	16	QTY BREAK	N	6	Quantity break amount.
	12	PRICE	N	8	Price.
	13	DISC%	N	5	Discount or up charge %.
	14	COMM%	N	5	Commission %

---



**PRODUCT MASTER FILE LISTING**

PROK NAME	PROK PROD.LISTING
SELECTION	MENU-12.3
SELECTION NUMBER	17
FILES ACCESSED	PROD.MAST

**OVERVIEW**

This report lists all Product Master records by external product number.

**OPERATING INSTRUCTIONS****PRODUCT MASTER FILE LISTING**

**HIT <RETURN> TO CONTINUE OR 'END' TO RETURN TO SELECTOR:**

Hit 'RETURN' to run the report or 'END' to return to the menu.

## PRODUCT MASTER FILE LISTING

PAGE 1 \*\*\*\*\* PRODUCT MASTER LISTING \*\*\*\*\* 10:28:47am 23 Jul 1997

PRODUCT/DESCRIPTION	PROD.NO	P/C	COST	UM	SUB.IND	DISC IND.	SUB.PN	PRICE	DISCOUNT	QTY.BRK	WHS1
117155 REFIRG. STICK UPS	102206	004	1.50	EA	Y	Y	125960	3.50	2.00	15	002
RTU-96 ADVANTAGE MENS BOOTS	112530	001	9.00	EA	Y	N	RTU-94	25.00		5	003
EDO987 BLUE DESK DRAWER	100123	003	7.59	EA	N	Y		10.52	1.25	10	002
LOK530 CARPET FRESH 9oz	100003	002	3.56	EA	Y	N	LOK653	4.50		25	001

4 records listed

## FINISHED GOODS COST UPDATE

PROK	RM.PROK PML.COST.UPD	
PROGRAM NAME	RM.BP ML.COST.UPD010	
SELECTION	MENU-28.1	
SELECTION NUMBER	6	
FILES ACCESSED	PROD.MAST	WAREHOUSE
	PROD.DET	LABOR.CENTER
	BILL.MAT	
	DICT BILL.MAT	
	BOM.COST.ERR	
	PARAMETER	
	OPERATOR	

### OVERVIEW

The system will calculate the current cost of manufacturing for any end item. Based upon the unit cost maintained in the Product Master file for components, and the quantity stored in the Bill of Material file, plus the direct labor, indirect labor, and manufacturing overhead costs stored in the Bill of Material file. This new cost is then updated to the Product Master file (standard cost) during production posting.

### OPERATING INSTRUCTIONS

#### **ENTER OPERATOR INITIALS OR 'END':**

Enter the operator code or 'END' to return to the menu.

#### **WHSE#**

Enter warehouse number or 'END' to return to the menu.

#### **FINISHED GOODS UPDATE DO YOU WANT TO CONTINUE (Y/N)?**

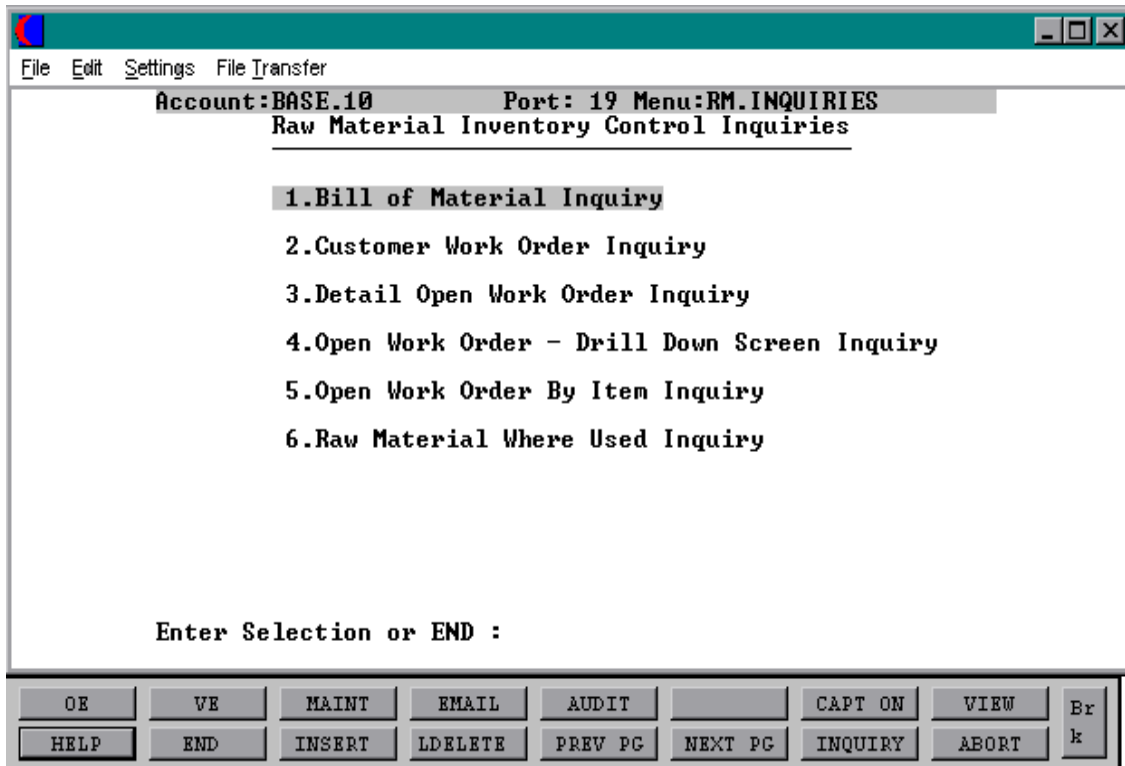
Enter 'Y\*\*\*' to run the update or enter 'N' to end without update.

If any errors are encountered an error report will print to a hold entry.

## INQUIRIES OVERVIEW

The inquiries provide current status information on the portions of the raw material inventory control module data base most important for decision making.

## INQUIRIES



The screenshot shows a terminal window with a menu of options. The window title is 'INQUIRIES'. The menu is titled 'Raw Material Inventory Control Inquiries' and lists six options. The first option, '1. Bill of Material Inquiry', is highlighted. Below the menu is a prompt 'Enter Selection or END :'. At the bottom of the window is a control panel with buttons for various functions.

Account: BASE.10 Port: 19 Menu: RM.INQUIRIES  
Raw Material Inventory Control Inquiries

1. Bill of Material Inquiry
2. Customer Work Order Inquiry
3. Detail Open Work Order Inquiry
4. Open Work Order - Drill Down Screen Inquiry
5. Open Work Order By Item Inquiry
6. Raw Material Where Used Inquiry

Enter Selection or END :

OE	VE	MAINT	EMAIL	AUDIT		CAPT ON	VIEW	Br
HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	k

### BILL OF MATERIAL INQUIRY

File Edit Settings File Transfer
\_ \_ x

**BILL OF MATERIAL STOCK STATUS INQUIRY**

EXT PROD# 101                      RED PLASTIC DESK                      INT PROD# 100000  
ON HAND: 999346    EXPECTED: 4104                      COMMITTED: 15619    AVAILABLE: 983727  
DIRECT LABOR 0.00    INDIRECT LABOR 0.00    MFG OVERHEAD 0.00

COMPONENT#	DESCRIPTION	QTY/ITM	ON-HAND	EXPECTD	COMMIT	AVAIL
OAK-LEG	OAK DESK LEG	4.0000	40	0	24982	24942
OAK-TOP	EXECUTIVE OAK DESK TOP	1.0000	998	0	15927	14929
OAK-SIDES	EXECUTIVE OAK DESK SIDE	2.0000	20	0	4302	4282
OAK-DESK-FRONT	EXECUTIVE OAK DESK FRON	1.0000	10	0	2153	2143
OAK-DRAWERS	EXECUTIVE OAK DESK DRAW	2.0000	20	0	3764	3744
DESK-KEY	EXECUTIVE DESK KEY	2.0000	20	0	3785	3765
OAK-CENTER-DRAWE	EXECUTIVE OAK CTR DRAWER	1.0000	10	0	1883	1873
RED-FELT	RED FELT	2.5000	25	0	13995	13970
SHRINK-WRAP	CLEAR SHRINK WRAP 36 IN	7.7500	77	0	15064	14987

QUANTITY AVAILABLE FOR PRODUCTION IS 0 - HIT RETURN.

HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	Br k
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**BILL OF MATERIAL INQUIRY**

PROGRAM NAME	RM.BP BILL.MAT-INQ9
SELECTION	MENU-28.2
SELECTION NUMBER	1
FILES ACCESSED	PROD.MAST PROD.DET BILL.MAT ALPHA.PROD PARAMETER SCREEN WAREHOUSE

**OVERVIEW**

This inquiry displays finished goods bill of material information and inventory status of components for one warehouse or 'ALL'. The finished good quantity available for production is also displayed.

**INQUIRY DISPLAY OUTPUT****EXT PROD#**

Enter the finished goods product number or 'END' to return to the menu.

**ENTER WAREHOUSE# OR 'ALL'**

Enter the 3 digit warehouse or 'ALL' for all warehouses or 'END' to return to the product number prompt.

**DIRECT LABOR**

Direct labor dollars from Bill of Material record.

**INDIRECT LABOR**

Indirect labor dollars from Bill of Material record.

**BILL OF MATERIAL INQUIRY**

INQUIRY DISPLAY OUTPUT (Continued)

**MFG OVERHEAD**

Manufacturing overhead dollars from the Bill of Material record.

**COMPONENT#**

Product number of each raw material.

**QTY /ITM**

Quantity needed of raw material to produce one (whatever unit of measure) of the finished product.

**ON-HAND**

Raw material on hand quantity.

**EXPECTD**

Raw material expected quantity.

**COMMIT**

Raw material committed quantity.

**ON PO**

Raw material quantity on PO.

**AVAIL**

Quantity available to be used for production.





**CUSTOMER WORK ORDER INQUIRY**

PROGRAM NAME	SSS.BP GEN.MASTER CUST.WO.INQ010 CUST.WO.INQ.OPEN010
SELECTION	MENU-28.2
SELECTION NUMBER	2
FILES ACCESSED	WO PARAMETER CUST.MAST CUST.WO.XREF COMPANY ALPHA.CUST BILL.MAT LABOR.CENTER

**OVERVIEW**

This inquiry provides all work orders by customer identifying the work order, allocated to, order date, due date, original work order amount, open work order amount, and work order status.

**INQUIRY DISPLAY OUTPUT****WORK ORD**

Work order number.

**ALLOC TO**

If allocated to work order.

**ORD DATE**

Date of work order.

**DUE DATE**

Date work order is due.

**CUSTOMER WORK ORDER INQUIRY****INQUIRY DISPLAY OUTPUT (Continued)****ORIG WOS**

Original amount of work order.

**OPEN WOS**

Open amount of work order.

**STATUS**

Current status of work order.

**OPERATING INSTRUCTIONS****ENTER END TO EXIT, NEXT PG, PREV PG, OR LINE NUMBER FOR OPEN W/O INQUIRY:**

Enter 'END' to return to the menu, 'F6' for next page, 'F5' for previous page or enter line number for open work order inquiry.

If you enter a line number for open work order inquiry the following will display:

**OPEN WORK ORDER INQUIRY****INQUIRY DISPLAY OUTPUT****W/O#**

The work order number will display or 'END' to return to the customer work order inquiry.

**ORDER DATE**

Date of work order.

**CUSTOMER WORK ORDER INQUIRY****OPEN WORK ORDER INQUIRY (Continued)****INQUIRY DISPLAY OUTPUT (Continued)****PO#**

Purchase order number for Work Order record.

**WRITER**

Writer from Work Order record.

**SPECIAL INSTRUCTIONS**

Special Instructions from the Work Order record.

**LN#**

Line number associated with finished product on work order.

**EX PROD#**

Finished good product number from Work Order record.

**DESCRIPTION**

Description of finished good from the Product Master record.

**REQ-DATE**

Required date from work order.

**REQ-QTY**

Required quantity from work order.

**OPEN-QTY**

Quantity open on work order.

**CUSTOMER WORK ORDER INQUIRY**

OPEN WORK ORDER INQUIRY (Continued)

INQUIRY DISPLAY OUTPUT (Continued)

**COMP-QTY**

Quantity produced and posted via production posting.

**STATUS**

Current status of the work order.

**OPERATING INSTRUCTIONS**

**ENTER END TO EXIT, NEXT PG, PREV PG, OR LINE NUMBER FOR DRILL DOWN SCREEN.**

Enter 'END' to return to the customer work order inquiry, 'F6' for next page, 'F5' for previous page or enter line number for drill down screen.

If you enter line number for drill down screen the following will appear:

**OPEN WORK ORDER - DRILL DOWN SCREEN INQUIRY**

INQUIRY DISPLAY OUTPUT

**WO#**

The work order number will display or enter 'END' to return to the customer work order inquiry.

**LN#**

Enter line number associated with finished product on work order.

**PROD#**

The external finished product number will display.

**CUSTOMER WORK ORDER INQUIRY****OPEN WORK ORDER - DRILL DOWN SCREEN INQUIRY (Continued)****INQUIRY DISPLAY OUTPUT (Continued)****DESC1**

The description of the finished product will display from the work order.

**DESC2**

The description of the finished product will display from the work order.

**WHSE**

The warehouse number will display from the work order.

**STK UM**

The stocking unit of measure for the finished product will display from the work order.

**COMP IND**

If this work order is complete it will display.

**CST UM**

The costing unit of measure for the finished product will display from the work order.

**ORIG QTY**

The original quantity for this finished product will display.

**OPEN QTY**

If there is an open quantity for this finished product it will display.

**CANCEL QTY**

Cancel quantity will display here if applicable.

**CUSTOMER WORK ORDER INQUIRY**

OPEN WORK ORDER - DRILL DOWN SCREEN INQUIRY (Continued)

INQUIRY DISPLAY OUTPUT (Continued)

**PRODUCED QTY**

Produced quantity will display.

**COMPONENTS - PRODUCT NUMBER**

The components (product numbers) used to produce the finished product will display.

**SUPPLIER**

The component (product) supplier code will display.

**ORIG QTY**

The original quantity for the components (products) will display.

**USED QTY**

The used quantity for the components (products) will display.

**PROD COST**

The components (products) costs will display.

**LABOR COST**

The components (products) labor cost will display.

**STK UM**

The stocking unit of measure for the components (products) will display.

**CST UM**

The costing unit of measure for the components (products) will display.

**CUSTOMER WORK ORDER INQUIRY**

OPEN WORK ORDER - DRILL DOWN SCREEN INQUIRY (Continued)

INQUIRY DISPLAY OUTPUT (Continued)

**ROUTING INSTRUCTIONS**

The routing instructions for production will display.

**LOCATION SHIP TO**

The routing location code will display.

**STEP#**

The routing step number will display.

**# OF DAYS**

The average number of days needed to complete the routing task will display.

**MATERIAL COST**

The material cost will display.

**LABOR CENTER**

The labor cost center for routing will display.

**STATUS IND**

The status indicator will display.

**OPERATING INSTRUCTIONS****ENTER END TO EXIT OF LINE NUMBER TO DISPLAY MORE INFORMATION:**

Enter 'END' to return to the open work order detail inquiry or enter line number to scroll through the component lines or routing instruction lines to see additional information.



### DETAIL OPEN WORK ORDER INQUIRY

Open Work Order Detail Inquiry								
Wo#	01180147			Order Date: 08/06/97				
Po#	Writer MARY		Special Instructions DO NOT SUBSTITUTE ANY					
Ln#	Ext	Prod#	& Desc	Req-Date	Req-Qty	Open-Qty	Comp-Qty	Status
1.		OAK-DESK		09/01/97	20	20		
2.		OAK EXECUTIVE DESK						
3.								
4.								
5.								
6.								

Enter END to exit, NEXT PG,PREV PG,or Line Number for Drill Down Screen:

HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	Er k
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**DETAIL OPEN WORK ORDER INQUIRY**

PROGRAM NAME	SSS.BP GEN.MASTER OPEN.WO.DET.INQ010 OPEN.WO.DET.OPEN010
SELECTION	MENU-28.2
SELECTION NUMBER	3
FILES ACCESSED	WO PROD.MAST PARAMETER SCREEN

**OVERVIEW**

This inquiry provides current work order status for a given work order. All line items are displayed, with required quantity, open quantity, completed quantity and required date.

**INQUIRY DISPLAY OUTPUT****W/O#**

Enter a valid work order number or 'END' to return to the menu.

**ORDER DATE**

Date of work order.

**PO#**

Purchase order number for Work Order record.

**WRITER**

Writer from Work Order record.

**SPECIAL INSTRUCTIONS**

Special Instructions from the Work Order record.

**DETAIL OPEN WORK ORDER INQUIRY****INQUIRY DISPLAY OUTPUT (Continued)****LN#**

Line number associated with finished product on work order.

**EX PROD#**

Finished good product number from Work Order record.

**DESCRIPTION**

Description of finished good from the Product Master record.

**REQ-DATE**

Required date from work order.

**REQ-QTY**

Required quantity from work order.

**OPEN-QTY**

Quantity open on work order.

**COMP-QTY**

Quantity produced and posted via production posting.

**STATUS**

Current status of the work order.

**DETAIL OPEN WORK ORDER INQUIRY****OPERATING INSTRUCTIONS**

**ENTER END TO EXIT, NEXT PG, PREV PG, OR LINE NUMBER FOR DRILL DOWN SCREEN.**

Enter 'END' to return to the menu, 'F6' for next page, 'F5' for previous page or enter line number for drill down screen.

If you enter a line number for drill down screen the following will appear:

**OPEN WORK ORDER - DRILL DOWN SCREEN INQUIRY****INQUIRY DISPLAY OUTPUT****WO#**

The work order number will appear.

**LN#**

Enter line number associated with finished product on work order.

**PROD#**

The external finished product number will display.

**DESC1**

The description of the finished product will display from the work order.

**DESC2**

The description of the finished product will display from the work order.

**WHSE**

The warehouse number will display from the work order.

**DETAIL OPEN WORK ORDER INQUIRY**

OPEN WORK ORDER - DRILL DOWN SCREEN INQUIRY (Continued)

INQUIRY DISPLAY OUTPUT (Continued)

**STK UM**

The stocking unit of measure for the finished product will display from the work order.

**COMP IND**

If this work order is complete it will display.

**CST UM**

The costing unit of measure for the finished product will display from the work order.

**ORIG QTY**

The original quantity for this finished product will display.

**OPEN QTY**

If there is an open quantity for this finished product it will display.

**CANCEL QTY**

Cancel quantity will display here if applicable.

**PRODUCED QTY**

Produced quantity will display.

**COMPONENTS - PRODUCT NUMBER**

The components (product numbers) used to produce the finished product will display.

**SUPPLIER**

The component (product) supplier code will display.

**DETAIL OPEN WORK ORDER INQUIRY**

OPEN WORK ORDER - DRILL DOWN SCREEN INQUIRY (Continued)

INQUIRY DISPLAY OUTPUT (Continued)

**ORIG QTY**

The original quantity for the components (products) will display.

**USED QTY**

The used quantity for the components (products) will display.

**PROD COST**

The components (products) costs will display.

**LABOR COST**

The components (products) labor cost will display.

**STK UM**

The stocking unit of measure for the components (products) will display.

**CST UM**

The costing unit of measure for the components (products) will display.

**ROUTING INSTRUCTIONS**

The routing instructions for production will display.

**LOCATION SHIP TO**

The routing location code will display.

**STEP#**

The routing step number will display.

**DETAIL OPEN WORK ORDER INQUIRY**

OPEN WORK ORDER - DRILL DOWN SCREEN INQUIRY (Continued)

INQUIRY DISPLAY OUTPUT (Continued)

**# OF DAYS**

The average number of days needed to complete the routing task will display.

**MATERIAL COST**

The material cost will display.

**LABOR CENTER**

The labor cost center for routing will display.

**STATUS IND**

The status indicator will display.

**OPERATING INSTRUCTIONS****ENTER END TO EXIT OF LINE NUMBER TO DISPLAY MORE INFORMATION:**

Enter 'END' to return to the detail open work order inquiry or enter line number to scroll through the component lines or routing instruction lines to see additional information.

### OPEN WORK ORDER - DRILL DOWN SCREEN INQUIRY

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File Edit Settings File Transfer

**Open Work Order - Drill Down Screen Inquiry**

Co: 01 THE SYSTEMS HOUSE      Whse: 001    Req Date: 09/01/97    Wo#: 01180147  
 Prod#: OAK-DESK                      Stk Um: EA    Cst Um: EA    Orig Qty: 20  
 Desc1: OAK EXECUTIVE DESK          Ln#: 001                      Open Qty: 20  
 Desc2:                                      Comp Ind:                      Cancel Qty: 0  
Produced Qty: 0

**1. Components:**

Product Number	Supplier	Orig Qty	Used Qty	Prod Cost	Labor Cost	Stk Um
OAK-LEG	U	80.00	0.00	18.0000	1.2000	EA
OAK DESK LEG	A1000					EA
OAK-TOP	U	20.00	0.00	125.0000	1.7000	EA
EXECUTIVE OAK DESK TOP	A1000					EA
OAK-SIDES	U	40.00	0.00	13.0000	0.4000	EA
EXECUTIVE OAK DESK SIDE	A1000					EA

**2. Routing:**

Instructions:	Location	Shipto/Step#	# of Dys	Material Cost	Labor Ctr	Status
APPLY GOLDEN OAK FINISH	W	001	2	1.1000	00077	0
		001	1			
APPLY FELT TO DRAWERS	W	001	1	0.0000	00077	0
		001	2			

Enter END to exit or Line Number to display more information:

HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	Br k
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**OPEN WORK ORDER - DRILL DOWN SCREEN INQUIRY**

PROGRAM NAME	SSS.BP GEN.MASTER DRILL.DOWN.INQ010 DRILL.DOWN.OPEN010 DRILL.DOWN.INIT010
SELECTION	MENU-28.2
SELECTION NUMBER	4
FILES ACCESSED	WO PARAMETER CUST.MAST

**OVERVIEW**

This inquiry displays current status and bill of material for a specific work order.

**INQUIRY DISPLAY OUTPUT****WO#**

Enter a valid work order number or 'END' to return to the menu.

**LN#**

Enter line number associated with finished product on work order.

**PROD#**

The external finished product number will display.

**DESC1**

The description of the finished product will display from the work order.

**DESC2**

The description of the finished product will display from the work order.

**WHSE**

The warehouse number will display from the work order.

**OPEN WORK ORDER - DRILL DOWN SCREEN INQUIRY****INQUIRY DISPLAY OUTPUT (Continued)****STK UM**

The stocking unit of measure for the finished product will display from the work order.

**COMP IND**

If this work order is complete it will display.

**CST UM**

The costing unit of measure for the finished product will display from the work order.

**ORIG QTY**

The original quantity for this finished product will display.

**OPEN QTY**

If there is an open quantity for this finished product it will display.

**CANCEL QTY**

Cancel quantity will display here if applicable.

**PRODUCED QTY**

Produced quantity will display.

**COMPONENTS - PRODUCT NUMBER**

The components (product numbers) used to produce the finished product will display.

**SUPPLIER**

The component (product) supplier code will display.

**OPEN WORK ORDER - DRILL DOWN SCREEN INQUIRY**

INQUIRY DISPLAY OUTPUT (Continued)

**ORIG QTY**

The original quantity for the components (products) will display.

**USED QTY**

The used quantity for the components (products) will display.

**PROD COST**

The components (products) costs will display.

**LABOR COST**

The components (products) labor cost will display.

**STK UM**

The stocking unit of measure for the components (products) will display.

**CST UM**

The costing unit of measure for the components (products) will display.

**ROUTING INSTRUCTIONS**

The routing instructions for production will display.

**LOCATION SHIP TO**

The routing location code will display.

**STEP#**

The routing step number will display.

**OPEN WORK ORDER - DRILL DOWN SCREEN INQUIRY**

INQUIRY DISPLAY OUTPUT (Continued)

**# OF DAYS**

The average number of days needed to complete the routing task will display.

**MATERIAL COST**

The material cost will display.

**LABOR CENTER**

The labor cost center for routing will display.

**STATUS IND**

The status indicator will display.

**OPERATING INSTRUCTIONS****ENTER END TO EXIT OF LINE NUMBER TO DISPLAY MORE INFORMATION:**

Enter 'END' to return to the menu or enter line number to scroll through the component lines or routing instruction lines to see additional information.

### OPEN WORK ORDER BY ITEM INQUIRY

OPEN WORK ORDER BY ITEM									
ITEM NUMBER	DESCRIPTION				U/M	ON HAND	ON P/O	IN WORK	
STUSSY	STUSSY DIRECTOR CHAIR				EA	1113815	51	15	
WAREHOUSE					ON B/O	IN PICK	IN USE	AVAIL	
ALL					2	2200	1182	0	
W/O#	LN#	ORD-DATE	REQ-DATE	REQUIRED	OPEN	COMPLETE	CANCEL	WHSE	
01180158	001	08/14/97	08/31/97	2	2	0	0	001	
01180159	001	08/14/97	08/30/97	5	0	5	0	001	
01180167	001	08/28/97	08/31/97	2	2	0	0	001	
01180167	002	08/28/97	08/31/97	4	4	0	0	001	
01180169	001	08/28/97	08/31/97	2	2	0	0	001	
01180169	002	08/28/97	08/31/97	4	4	0	0	001	
01180259	001	01/30/98	02/01/98	1	1	0	0	001	
TOTALS:					20	15	5	0	
NO MORE OPEN ITEMS. HIT RETURN.									

HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	Br k
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## OPEN WORK ORDER BY ITEM INQUIRY

PROGRAM NAME	RM.BP WO.ITEM.INQ9
SELECTION	MENU-28.2
SELECTION NUMBER	5
FILES ACCESSED	PROD.MAST PROD.DET ALPHA.PROD WO WAREHOUSE OPEN.WO.XREF PARAMETER SCREEN

### OVERVIEW

This inquiry displays all work orders by product identifying the work order, line number, order date, required date, required quantity, open quantity, completed quantity and canceled quantity. Also current inventory status information is displayed.

### OPERATING INSTRUCTIONS

#### **ENTER ITEM NUMBER OR 'END'**

Enter the finished good item number or 'END' to return to the item number prompt. The product number and description will display from the Work Order record.

#### **ENTER WAREHOUSE NUMBER OR <ALL>:**

Enter a warehouse number or 'ALL' for all warehouses.

### INQUIRY DISPLAY OUTPUT

#### **U/M**

Unit of measure of product will display.

**OPEN WORK ORDER BY ITEM INQUIRY**

INQUIRY DISPLAY OUTPUT (Continued)

**ON HAND**

On hand quantity of the finished product.

**ON P/O**

Open purchase order quantity of finished product.

**ON W/O**

Open work order quantity of finished product.

**ON B/O**

Open back orders to customer quantity of finished product.

**IN PICK**

In pick orders to customer quantity of finished product.

**IN USE**

In use quantity of finished product.

**AVAIL**

Availability quantity of finished product.

**WO#**

Work order number.

**LN#**

Line number associated with finished product on work order.

**OPEN WORK ORDER BY ITEM INQUIRY**

INQUIRY DISPLAY OUTPUT (Continued)

**ORD-DATE**

Date of work order.

**REQ-DATE**

Required date from work order.

**REQUIRED**

Required quantity from work order.

**OPEN**

Quantity open on work order.

**COMPLETE**

Quantity produced and posted via production posting.

**CANCEL**

Quantity canceled on work order.

**WHSE**

The warehouse house for each work order will display.



RAW MATERIAL WHERE USED INQUIRY

RAW MATERIAL WHERE USED INQUIRY				
PROD# 101		RED PLASTIC DESK		
ITEM#	DESCRIPTION	QTY/ITEM USED	MTD USED	YTD
300	BLACK DESK LEG	1.0000	8	8
CHAIR	CHAIR SWIUEL	1.0000	41	41
STUSSY	STUSSY DIRECTOR CHAIR	2.0000	10	10
TOTALS -			59	59
HIT RETURN TO CONTINUE.				

HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	Br k
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**RAW MATERIAL WHERE USED INQUIRY**

PROGRAM NAME	RM.BP WU-INQ
SELECTION	MENU-28.2
SELECTION NUMBER	6
FILES ACCESSED	BILL.MAT BILL.MAT.XREF PROD.MAST ALPHA.PROD PARAMETER SCREEN

**OVERVIEW**

This inquiry displays all finished products that a specific raw material is used in.

**OPERATING INSTRUCTIONS****PROD#**

Enter the raw material product number or 'END' to return to the menu.

**INQUIRY DISPLAY OUTPUT****ITEM#**

Finished good that uses above product will display.

**DESCRIPTION**

Description of finished product will display.

**QTY/ITM**

Quantity of raw material needed to produce 1 (whatever unit of measure) of the finished product.

**RAW MATERIAL WHERE USED INQUIRY****INQUIRY DISPLAY OUTPUT (Continued)****USED MTD**

Quantity of raw material used Month to Date to produce finished product.

**USED YTD**

Quantity of raw material used Year to Date to produce finished product.

## WORK ORDER SELECTOR

File Edit Settings File Transfer

Account:49 BASE.10 Port: 49 Menu:RM.WORK.ORDER

Raw Material Work Order Selector

Entry / Maint

1.Work Order Entry  
2.Work Order Maintenance  
3.Pro Forma Work Order Entry  
4.Pro Forma Work Order Maintenance  
5.Pro Forma Work Order (Conversion)  
6.Create Orders from Open Work Orders  
7.Routing Posting  
8.Production Posting

Print

13.Work Order Print  
14.Work Order Re-Print

Purge

15.Purge Work Order (Input Date)

Reports

9.Open Work Order Report  
10.Open Work Order Report (By Product)  
11.Daily Production Posting Report  
12.Production Posting Inventory Audit Report

Enter Selection or END :

HELP END INSERT LDELETE PREV PG NEXT PG INQUIRY ABORT Br k

**WORK ORDER ENTRY/MAINTENANCE**

PROGRAM NAME	ELEMENT10 WO.DRIVER10	
SELECTION	MENU-28.3	
SELECTION NUMBER	1&2	
FILES ACCESSED	PROD.MAST	COMPANY
	PROD.DET	WAREHOUSE
	ALPHA.PROD	FINDER
	BILL.MAT	SEQ.CONT
	WO	PARAMETER
	OPEN.WO.XREF	SCREEN
	WO.PRT.XREF	
	OPERATOR	

**OVERVIEW**

Based upon a planned manufacturing quantity input in this procedure, the system will place a reservation on each required component in the raw material Product Detail file, and updates the 'IN WORK' position in the finished good Product Detail file. Any shortages of raw materials will be noted on the raw material shortage report available in the system.

## WORK ORDER ENTRY/MAINTENANCE

**MDS Work Order Entry Logon Screen**

1.Operator  
2.Company           01           THE SYSTEMS HOUSE  
3.Warehouse        001           NEW YORK  
4.Order Date        04/01/98

ENTER LINE# TO CHANGE, "END" TO END, "ABORT" TO CANCEL, OR "0" TO ACCEPT:

								Br
HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	k

**WORK ORDER ENTRY/MAINTENANCE****LOG-ON****OPERATOR CODE**

Enter operator code or 'END' to return to the menu. Validates Operator file for access code 'IN'.

**COMPANY NUMBER**

Enter the company number or 'END' to return to the menu. Validates Company file, 1-99.

**WAREHOUSE NUMBER**

Enter the warehouse number or 'END' to return to the menu. Validates Warehouse file, 1-999.

**ORDER DATE**

Enter order date as MM/DD/YY or hit 'RETURN' for system date.

## WORK ORDER ENTRY/MAINTENANCE

File Edit Settings File Transfer

**Work Order Maintenance Header Input**

Co: 01 THE SYSTEMS HOUSE      Whse: 001    Date: 09/18/97    Wo#: 180185

1.Required Date:                    09/18/97  
2.Written By:                        SF  
3.Special Instructions:                32312

4.Purchase Order Number:  
5.Allocate To Work Order:  
6.Plan#:                                EXEC1  
7.Internal/External:                    I  
8.Customer Number:                    AJAX

Enter Line# to Change, DELETE to Delete or 0 to Accept :

HELP    END    INSERT    LDELETE    PREV PG    NEXT PG    INQUIRY    ABORT    Br k



## WORK ORDER ENTRY/MAINTENANCE

### HEADER DISPLAY AND INPUT

Upon acceptance of the order date the display is changed to allow for entry/editing of work order header information.

The screen displays the information entered from the previous screen at the top ( Co# and Name, Warehouse# Work order date).

Enter 'END' to return to logon screen.

Enter 'WO#' to maintain or delete an existing WO.

If this is a new work order the system assigns the next work order number (Sequence Control file) and displays it in the right hand corner.

If you enter an existing work order number the system searches the Work Order file, verifies and displays the work order header information, and you will proceed to the header editing prompt. The system will not display nonexistent, canceled or complete work orders but will respond with one of the messages that follows:

WORK ORDER NOT ON FILE  
WORK ORDER HAS BEEN CANCELED  
WORK ORDER IS COMPLETE

### **REQUIRED DATE**

Enter required date (MM/DD/YY) or hit 'RETURN' for the system date.

### **WRITTEN BY**

20 alpha characters. Enter a name or hit 'RETURN' to bypass the field.

### **SPECIAL INSTRUCTIONS**

40 alpha characters. Enter Special Instructions or hit 'RETURN' to bypass the field.

### **PURCHASE ORDER NUMBER**

Enter a purchase order number or hit 'RETURN' to bypass the field.

**WORK ORDER ENTRY/MAINTENANCE****HEADER DISPLAY AND INPUT (Continued)****ALLOCATE TO WORK ORDER**

Enter a allocated work order number or hit ' RETURN' to bypass the field.

**PLAN#**

Enter a plan number or hit 'RETURN' to bypass the field.

**INTERNAL/EXTERNAL**

Enter 'I' for internal or 'E' for external work order.

**CUSTOMER NUMBER**

If the finished product is for a specific customer enter the customer number or hit 'RETURN' to bypass the field.

After the header information has been entered, you will be prompted:

**ENTER LINE NUMBER TO CHANGE, DELETE TO DELETE OR 0 TO ACCEPT.**

Enter the line number you want to change, 'DELETE' to delete or '0' to accept the header information.

## WORK ORDER ENTRY/MAINTENANCE

File Edit Settings File Transfer		Whse: 001 Date: 09/18/97 Work Order#: 180185																						
<b>Work Order Maintenance Detail</b>																								
1	Prod#: WIDGET Desc: Manufactured widget Desc:	Um: EA	Req Qty: 100 Open Qty: 100 Comp Ind:																					
2	Prod#: Desc: Desc:	Um:	Req Qty: Open Qty: Comp Ind:																					
3	Prod#: Desc: Desc:	Um:	Req Qty: Open Qty: Comp Ind:																					
4	Prod#: Desc: Desc:	Um:	Req Qty: Open Qty: Comp Ind:																					
ENTER LINE# TO CHANGE OR 0 TO ACCEPT :																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%; height: 20px;"> </td> <td style="width: 12.5%;"> </td> <td style="width: 12.5%;"> </td> <td style="width: 12.5%;"> </td> <td style="width: 12.5%;"> </td> <td style="width: 12.5%;"> </td> <td style="width: 12.5%;"> </td> <td style="width: 12.5%;"> </td> <td style="width: 12.5%;"> </td> </tr> <tr> <td style="text-align: center;">HELP</td> <td style="text-align: center;">END</td> <td style="text-align: center;">INSERT</td> <td style="text-align: center;">LDELETE</td> <td style="text-align: center;">PREV PG</td> <td style="text-align: center;">NEXT PG</td> <td style="text-align: center;">INQUIRY</td> <td style="text-align: center;">ABORT</td> <td style="text-align: center;">Br k</td> </tr> </table>																HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	Br k
HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	Br k																

## WORK ORDER ENTRY/MAINTENANCE

### LINE ITEM DISPLAY AND INPUT

After the header information has been accepted the work order detail will be entered if it is a new work order. If you are doing maintenance on an existing work order it will still take you to the work order detail.

The product description and unit of measure will be displayed from the Product record. The products will be displayed and you will be at the change prompt.

### **PROD#**

Enter finished good product number or 'END' to advance to the change prompt. On new work orders, the system prompts for, verifies and displays the product information (item #, description, unit of measure). If unable to verify the system displays:

**"PRODUCT XXXXXX NOT ON ALPHA.PROD**

Hit 'RETURN' and re-enter a valid product number.

### **REQ QTY**

Enter the required quantity for the product.

### **OPEN-QTY**

The Open quantity will be displayed.

### **COMP-IND**

This indicator will display 'C' if the line on the work order is completed (open quantity = 0). There is no maintenance for the Comp-Ind.

### **ENTER LINE NUMBER TO CHANGE, OR 0 TO ACCEPT:**

Enter the line number to change or '0' to accept.

## WORK ORDER ENTRY/MAINTENANCE

### LINE ITEM DISPLAY AND INPUT (Continued)

If you enter a line to change you will be stepped through each field that can be changed. To correct a field hit 'RETURN' until you are just to the left of the field to change and enter the correct information. A maximum number of 125 lines is allowed per work order.

You can not delete a completed line or a line that has quantities posted against it. If you need to delete a line, select the line number and enter 'F4' for LDELETE.

An entry of '0' to accept will bring you to the total screen.

## WORK ORDER ENTRY/MAINTENANCE

File Edit Settings File Transfer

**Work Order Maintenance Total Screen**

Co: 01 THE SYSTEMS HOUSE Whse: 001 Date: 09/18/97 Work Order#: 180185

Work Order Totals:	Number of Lines	Qty To Produce	Qty Avail to Produce
	3	100	

ENTER 0 TO ACCEPT, 'CANCEL' TO CANCEL OR 'H' TO HOLD WORK ORDER FOR PICK:

		DETAIL	CANCEL	HEADER				Br
HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	k

**WORK ORDER ENTRY/MAINTENANCE****TOTAL INPUT**

The number of lines and total quantity is displayed, and the work order can be canceled or accepted.

**ENTER 0 TO ACCEPT, 'CANCEL' TO CANCEL OR 'H' TO HOLD WORK ORDER FOR PICK:**

Enter '0' to accept the work order, 'CANCEL' to cancel the work order or 'H' to hold the work order for pick.

## PRO FORMA WORK ORDER ENTRY/MAINTENANCE

File Edit Settings File Transfer

**MDS Pro-Forma Work Order Entry Logon Screen**

1. Operator  
2. Company           01           THE SYSTEMS HOUSE  
3. Warehouse        001           NEW YORK  
4. Order Date        04/01/98

ENTER LINE# TO CHANGE, "END" TO END, "ABORT" TO CANCEL, OR "0" TO ACCEPT:

HELP   END   INSERT   LDELETE   PREV PG   NEXT PG   INQUIRY   ABORT   Brk



**PRO FORMA WORK ORDER ENTRY/MAINTENANCE**

PROGRAM NAME	ELEMENT10 WO.DRIVER10	
SELECTION	MENU-28.3	
SELECTION NUMBER	3&4	
FILES ACCESSED	PROD.MAST	COMPANY
	PROD.DET	WAREHOUSE
	ALPHA.PROD	FINDER
	BILL.MAT	SEQ.CONT
	PF.WO	
	SCREEN	
	OPERATOR	
	PARAMETER	

**OVERVIEW**

This procedure allows the preparation or maintenance of pro forma work orders, that can be sent to a customer as a basis for a price quotation, etc.

**PRO FORMA WORK ORDER ENTRY/MAINTENANCE****LOG-ON****OPERATOR CODE**

Enter operator code or 'END' to return to the menu. Validates Operator file for access code 'IN'.

**COMPANY NUMBER**

Enter the company number or 'END' to return to the menu. Validates Company file, 1-99.

**WAREHOUSE NUMBER**

Enter the warehouse number or 'END' to return to the menu. Validates Warehouse file, 1-999.

**ORDER DATE**

Enter order date as MM/DD/YY or hit 'RETURN' for system date.

## PRO FORMA WORK ORDER ENTRY/MAINTENANCE

File Edit Settings File Transfer

**Pro Forma Work Order Entry Header Input**

Co: 01 THE SYSTEMS HOUSE      Whse: 001    Date: 04/01/98    Wo#: 400026

1.Required Date:                    05/01/98

2.Written By:                        JBS

3.Special Instructions:

4.Purchase Order Number:

5.Allocate To Work Order:

6.Plan#:                                EXEC1

7.Internal/External:                    I

8.Customer Number:

Enter Line# to Change, DELETE to Delete or 0 to Accept :

HELP    END    INSERT    LDELETE    PREV PG    NEXT PG    INQUIRY    ABORT    Br k

## PRO FORMA WORK ORDER ENTRY/MAINTENANCE

### HEADER DISPLAY AND INPUT

Upon acceptance of the pro forma order date the display is changed to allow for entry/editing of work order header information.

The screen displays the information entered from the previous screen at the top ( Co# and Name, Warehouse# Work order date).

Enter 'END' to return to logon screen.

Enter 'WO#' to maintain or delete an existing WO.

If this is a new pro forma work order the system assigns the next pro forma work order number (Sequence Control file) and displays it in the right hand corner.

If you enter an existing pro forma work order number the system searches the Pro Forma Work Order file, verifies and displays the pro forma work order header information, and you will proceed to the header editing prompt. The system will not display nonexistent or canceled pro forma work orders but will respond with one of the messages that follows:

ORDER NOT ON FILE  
ORDER HAS BEEN CANCELED

### **REQUIRED DATE**

Enter required date (MM/DD/YY) or hit 'RETURN' for the system date.

### **WRITTEN BY**

20 alpha characters. Enter a name or hit 'RETURN' to bypass the field.

### **SPECIAL INSTRUCTIONS**

40 alpha characters. Enter Special Instructions or hit 'RETURN' to bypass the field.

### **PURCHASE ORDER NUMBER**

Enter a purchase order number or hit 'RETURN' to bypass the field.

**PRO FORMA WORK ORDER ENTRY/MAINTENANCE****HEADER DISPLAY AND INPUT (Continued)****ALLOCATE TO WORK ORDER**

Enter a allocated work order number or hit ' RETURN' to bypass the field.

**PLAN#**

Enter a plan number or hit 'RETURN' to bypass the field.

**INTERNAL/EXTERNAL**

Enter 'I' for internal or 'E' for external work order.

**CUSTOMER NUMBER**

If the finished product is for a specific customer enter the customer number or hit 'RETURN' to bypass the field.

After the header information has been entered, you will be prompted:

**ENTER LINE NUMBER TO CHANGE, DELETE TO DELETE OR 0 TO ACCEPT.**

Enter the line number you want to change, 'DELETE' to delete or '0' to accept the header information.

PRO FORMA WORK ORDER ENTRY/MAINTENANCE

File		Edit		Settings		File Transfer	
Co: 01 THE SYSTEMS HOUSE				Whse: 001 Date: 03/13/98 Work Order#: 400021			
Pro Forma Work Order Maintenance Detail							
1	Prod#: FG1	Um: EA	Req Qty:	1	Open Qty:	1	Comp Ind:
	Desc: FINISHED-GOODS (1)						
	Desc:						
2	Prod#:	Um:	Req Qty:		Open Qty:		Comp Ind:
	Desc:						
	Desc:						
3	Prod#:	Um:	Req Qty:		Open Qty:		Comp Ind:
	Desc:						
	Desc:						
4	Prod#:	Um:	Req Qty:		Open Qty:		Comp Ind:
	Desc:						
	Desc:						
ENTER LINE# TO CHANGE OR 0 TO ACCEPT :							
HELP		END		INSERT		LDELETE	
PREV PG		NEXT PG		INQUIRY		ABORT	
							Br k

## PRO FORMA WORK ORDER ENTRY/MAINTENANCE

### LINE ITEM DISPLAY AND INPUT

After the header information has been accepted the pro forma work order detail will be entered if it is a new pro forma work order. If you are doing maintenance on an existing pro forma work order it will still take you to the pro forma work order detail.

The product description and unit of measure will be displayed from the Product record. The products will be displayed and you will be at the change prompt.

### **PROD#**

Enter finished good product number or 'END' to advance to the change prompt. On new pro forma work orders, the system prompts for, verifies and displays the product information (item #, description, unit of measure). If unable to verify the system displays:

**"PRODUCT XXXXXX NOT ON ALPHA.PROD**

Hit 'RETURN' and re-enter a valid product number.

### **REQ QTY**

Enter the required quantity for the product.

### **OPEN-QTY**

The Open quantity will be displayed.

### **COMP-IND**

This indicator will display 'C' if the line on the work order is completed (open quantity = 0). There is no maintenance for the Comp-Ind.

### **ENTER LINE NUMBER TO CHANGE, OR 0 TO ACCEPT:**

Enter the line number to change or '0' to accept.

**PRO FORMA WORK ORDER ENTRY/MAINTENANCE****LINE ITEM DISPLAY AND INPUT (Continued)**

If you enter a line to change you will be stepped through each field that can be changed. To correct a field hit 'RETURN' until you are just to the left of the field to change and enter the correct information. A maximum number of 125 lines is allowed per pro forma work order.

You can not delete a completed line or a line that has quantities posted against it. If you need to delete a line, select the line number and enter 'F4' for LDELETE.

An entry of '0' to accept will bring you to the total screen.



## PRO FORMA WORK ORDER ENTRY/MAINTENANCE

File Edit Settings File Transfer
\_ \_ X

Pro Forma Work Order Maintenance Total Screen

Co: 01 THE SYSTEMS HOUSE      Whse: 001 Date: 03/13/98 Work Order#: 400021

Work Order Totals:	Number of Lines	Qty To Produce	Qty Avail to Produce
	1	1	1

ENTER 0 TO ACCEPT, 'CANCEL' TO CANCEL OR 'H' TO HOLD WORK ORDER FOR PICK:

		DETAIL	CANCEL	HEADER				Br
HELP	END	INSERT	LDELETE	PREV PG	NEXT PG	INQUIRY	ABORT	k

**PRO FORMA WORK ORDER ENTRY/MAINTENANCE****TOTAL INPUT**

The number of lines and total quantity is displayed, and the pro forma work order can be canceled or accepted.

**ENTER 0 TO ACCEPT, 'CANCEL' TO CANCEL OR 'H' TO HOLD WORK ORDER FOR PICK:**

Enter '0' to accept the pro forma work order, 'CANCEL' to cancel the pro forma work order or 'H' to hold the pro forma work order.

## PRO FORMA WORK ORDER (CONVERSION)

File Edit Settings File Transfer

PRO FORMA <WORK ORDER> CONUERSION      \*\*P/F NO\*\*

1. REQ DATE:                                      \*\*W/O NO\*\*

2. WRITTEN BY:

3. PLAN NUMBER:

4. INTERNAL/EXTERNAL:

ENTER PRO FORMA <W/O> # OR 'END':#####

HELP    END    INSERT    LDELETE    PREV PG    NEXT PG    INQUIRY    ABORT    Br k

## PRO FORMA WORK ORDER (CONVERSION)

PROGRAM NAME	ELEMENT10 PRO.FORM.WO.CONV10	
SELECTION	MENU-28.3	
SELECTION NUMBER	5	
FILES ACCESSED	PROD.MAST	COMPANY
	PROD.DET	WAREHOUSE
	ALPHA.PROD	FINDER
	BILL.MAT	SEQ.CONT
	PF.WO	WO
	SCREEN	OPEN.WO.XREF
	OPERATOR	WO.PRT.XREF
	PARAMETER	

### OVERVIEW

The purpose of this procedure is to convert a previously entered pro forma work order into an actual work order. The conversion will check availability. After conversion, the pro forma work order may be left on the Pro Forma Work Order file or deleted.

### OPERATING INSTRUCTIONS

#### **ENTER PRO FORMA (W/O) # OR 'END':**

Enter a valid pro forma work order number or 'END' to return to the menu.

#### **ENTER 'DELETE' TO DELETE PRO FORMA.**

#### **'CT' TO CONVERT OR 'CD' TO CONVERT & DELETE PRO FORMA.**

#### **'END' TO END.**

Enter 'DELETE' to delete pro forma. Enter 'CT' to convert the pro forma into a work order and retain the pro forma. Enter 'CD' to convert the pro forma into a work order and delete the pro forma. Enter 'END' to return to the pro forma entry menu.

#### **PRO FORMA HAD BEEN CONVERTED. HIT RETURN.**

## CREATE ORDERS FROM OPEN WORK ORDERS

PROK	PWO.UPD.ORDER
PROGRAM NAME	MDS.BP VALD010
	ELEMENT10 WO.UPD.ORDER16
SELECTION	MENU-28.3
SELECTION NUMBER	5
FILES ACCESSED	WO
	WO.XREF
	PLAN.XREF
	ALLOC.XREF
	CONTROL

### OVERVIEW

The purpose of this procedure is to create actual orders from open work orders. The order is created on backorder, and will create a Release record with a picking ticket after going through backorder allocation procedure during end of day.

### OPERATING INSTRUCTIONS

#### **CREATE ORDERS FROM OPEN WORK ORDERS**

#### **HIT <RETURN> TO CONTINUE OR 'END'**

Hit 'RETURN' to continue or 'END' to return to the menu.



**ROUTING POSTING**

PROGRAM NAME	SSS.BP GEN.MASTER	
	ROUTE.POSTING010	
SELECTION	MENU-28.3	
SELECTION NUMBER	6	
FILES ACCESSED	WO	COMPANY
	PARAMETER	WAREHOUSE
	OPERATOR	LABOR.CENTER
	PROD.MAST	DICT INV.RCPT
	PROD.DET	
	INV.AUDIT	
	INV.RCPT	
	WO.ROUTING	

**OVERVIEW**

This program references the original work order and updates the Work Order record. This procedure helps you keep track of the finished goods production progress.

**OPERATING INSTRUCTIONS****OPERATOR**

Enter operator code or 'END' to return to the menu. Validates Operator file for access code 'IN'.

**DATE**

Today's date will display.

**DATE OF TRANSFER**

Enter the date of this routing step.

**WORK ORDER**

Enter a valid work order number for this routing posting.

**ROUTING POSTING****OPERATING INSTRUCTIONS (Continued)****ROUTING STEP#**

Enter this routing step number.

**BILL OF LADING**

Enter the bill of lading if applicable.

**FREIGHT AMT**

If you enter a bill of lading a freight amount is required.

**FINISHED PRODUCT**

Enter the finished product for this routing posting.

**DESCRIPTION**

The description of the finished product will display.

**QTY PRODUCED**

Quantity of finished product produced will display.

**COMPONENTS - PRODUCT**

All components (products) associated with this finished product will display.

**QTY USED**

Enter the quantity used for each component (product) to produce this finished good.

**QTY WASTED**

Enter the quantity wasted for each component (product) while producing this finished good.



**ROUTING POSTING****OPERATING INSTRUCTIONS (Continued)****ROUTING NOTES**

Enter any additional routing notes.

The next routing step will be displayed.

**ENTER LINE# TO CHANGE, '0' TO ACCEPT  
OR 'CANCEL TO CANCEL THIS PRODUCTS ROUTING POSTING**

Enter line number to change, '0' to accept routing posting or 'CANCEL' to cancel this products routing posting.



## PRODUCTION POSTING

PROGRAM NAME	SSS.BP GEN.MASTER	
	PROD.POSTING010	
SELECTION	MENU-28.3	
SELECTION NUMBER	8	
FILES ACCESSED	PROD.MAST	INV.RCPT
	PROD.DET	WO.ROUTING
	ALPHA.PROD	LABOR.CENTER
	BILL.MAT	FIFO
	WAREHOUSE	LIFO
	WO	PROD.RCPT
	PROD.POST	RCPT.XREF
	INV.AUDIT	LOT.XREF
	OPERATOR	PROD.POST.LOT
	COMPANY	ITEM.INQ
	SALES.2	PROD.AUDIT
	SCREEN	DICT INV.RCPT
	PARAMETER	DICT PROD.AUDIT
	LOT	

### OVERVIEW

This program references the original work order and updates the Inventory and Work Order files. The only entry required is the work order number, and any quantities produced or consumed which differ from the original work order.

When manufacturing notifies the system that the material has been produced, this procedure will update the following:

1. Decrease on hand of raw materials
2. Decrease planned use in production of raw materials
3. Increase actual use in production of raw materials
4. Increase on hand of finished item
5. Decrease in work of finished item
6. Optionally update cost of finished item

The actual production report will reflect the quantities produced and consumed.

**PRODUCTION POSTING****OPERATING INSTRUCTIONS****OPERATOR**

Enter operator code or 'END' to return to the menu. Validates Operator file for access code 'IN'.

**DATE**

Today's date will display.

**DATE OF COMPLETION**

Enter the date of this production posting.

**WORK ORDER**

Enter valid work order number to post production against an existing work order. Enter 'END' to return to the menu.

The program will not display nonexistent, canceled or complete work orders but will respond with one of the messages that follows:

WORK ORDER NOT ON FILE  
WORK ORDER HAS BEEN CANCELED  
WORK ORDER IS COMPLETE

**FINISHED PRODUCT**

Enter the finished product for this production posting.

**DESCRIPTION**

The description of the finished product will display.

**PRODUCTION POSTING****OPERATING INSTRUCTIONS (Continued)****QTY PRODUCED**

Enter the quantity produced of this finished product.

If the quantity entered is more than the open quantity, the following message will appear:

**QTY PRODUCED GREATER THEN QUANTITY OPEN. HIT <RETURN>**

Hit 'RETURN' to continue.

**COMPLETE IND**

Enter 'C' if this production posing is complete or 'N' if it is not complete.

**COMPONENTS - PRODUCTS**

All components (products) associated with this finished product will display.

**QTY REQ**

Quantity required for each component (product) will display.

**QTY OPEN**

Quantity open for each component (product) will display.

**QTY USED**

If routing posting was used the quantity used for each component (product) will display. You can manually change this field. If you did not use routing posting you can now enter the quantity used for each component (product).

If the quantity used is greater then quantity open the following message will appear:

**QUANTITY USED IS GREATER THAN COMPONENT QUANTITY OPEN.  
HIT <RETURN>**

Hit 'RETURN' to continue.

**PRODUCTION POSTING****OPERATING INSTRUCTIONS (Continued)****QTY WASTED**

If routing posting was used the quantity wasted for each component (product) will display. You can manually change this field. If you did not use routing posting you can now enter the quantity wasted for each component (product).

If any changes are made to the components (products), this change is only for this work order. Any permanent change must be made using the bill of material maintenance program.

**LOT ITEMS**

If the components are flagged as lot products, you will be prompted for the lot information for each raw material.

**LOT NUMBER**

Enter the lot number.

**WAREHOUSE LOCATION**

Enter the warehouse location or hit 'RETURN' for none.

If the lot does not exist, you will be prompted:

**LOT NOT ON FILE. HIT RETURN**

Hit 'RETURN' and you will return to the lot number prompt.

**LOT QTY**

Enter the quantity for the lot.

**SERIAL NUMBER**

Enter the serial number or hit 'RETURN' for none.

**PRODUCTION POSTING****OPERATING INSTRUCTIONS (Continued)****LOT ITEMS (Continued)****EXPIRE DATE**

Enter the expiration date or hit 'RETURN' for none.

After you have completed the entry of lot information for the components, you will be prompted:

**ENTER LINE# TO CHANGE OR '0' TO ACCEPT:**

Enter the line number to change or '0' to accept.

After all production component information is entered, if the finished good product is a lot product you will be prompted for the lot information for the finished good. The prompts will be the same as the previous page.

**ENTER LINE# TO CHANGE, '0' TO ACCEPT  
OR 'CANCEL' TO CANCEL THIS PRODUCTS PRODUCTION POSTING**

Enter line number to change, '0' to accept, or 'CANCEL' to cancel this finished products production posing.

If you enter '0' to accept and you have this finished good on any orders on backorder the following message will appear:

**THIS FINISHED PRODUCT HAS BACK ORDERS. HIT RETURN.**

Once you hit return it will bring you back to the finished product entry. If you have another finished product enter it, if not type in 'END' and you will be prompted:

**DO YOU WANT TO ENTER MORE PRODUCTS? <Y/N>**

If you enter 'Y' it will bring you back to the finished product entry. If you enter 'N' you will be prompted:

**PRODUCTION POSTING****OPERATING INSTRUCTIONS (Continued)**

**ENTER '0' TO ACCEPT OR 'CANCEL' TO CANCEL THIS ENTIRE  
PRODUCTION POSTING**

Enter '0' to accept this production posting or 'CANCEL' to cancel this production posting.



**OPEN WORK ORDER REPORT**

PROK NAME	RM.PROK POPEN.WO.RPT
SELECTION	MENU-28.3
SELECTION NUMBER	9
FILES ACCESSED	WO

**OVERVIEW**

This report will list all open work orders in work order sequence.

**OPERATING INSTRUCTIONS****OPEN WORK ORDER REPORT****HIT <RTN> TO CONTINUE OR 'END'**

Hit 'RETURN' to continue with the report or 'END' to return to the menu.

# OPEN WORK ORDER REPORT

PAGE 1

OPEN WORK ORDER REPORT

DATE: 11 NOV 1997

WO.NO	REQ#	NO.PRO	LN.NO	EX.PROD.NO	UM	PROD.DESC	ORD.DAT	REQ.DAT	REQ.QTY	OPEN.QTY	COMP.QTY
0180253			001	OAK-DESK	EA	ASSEMBLED OAK DESK	10/17/97	10/25/97	10	5	5
***											
0180267			001	OAK-DRESSER	EA	ASSEMBLED OAK DRESSER	10/18/97	10/25/97	15	0	15
***											
0180273			001	OAK-DRESSER	EA	ASSEMBLED OAK DRESSER	10/18/97	10/30/97	15	5	10
***											
0180277			001	OAK-CHAIR	EA	ASSEMBLED OAK CHAIR	10/20/97	10/30/97	25	10	15
***											

4 records listed.

**OPEN WORK ORDER REPORT (BY PRODUCT)**

PROK NAME	RM.PROK POPEN.WO.PROD010
PROGRAM	RM.BP OPEN.WO.PROD.RPT010
SELECTION	MENU-28.3
SELECTION NUMBER	10
FILES ACCESSED	WO
	PROD.MAST
	CUST.MAST
	PARAMETER

**OVERVIEW**

This report list all open work orders in product number order.

**OPERATING INSTRUCTIONS****OPEN WORK ORDER REPORT (BY PRODUCT NUMBER)****HIT <RTN> TO CONTINUE OR 'END'**

Hit 'RETURN' to continue or 'END' to return to the menu.

## OPEN WORK ORDER REPORT BY PRODUCT

PAGE 1

\* \* \* O P E N W O R K O R D E R S B Y P R O D U C T \* \* \*

11:44:42 11/01/97

CO	EXT	PROD#	PROD DESC	EXT CUST#	WO#	CUSTOMER NAME	ORD DATE	REQ DATE	WHSE	REQ QTY	OPEN QTY	ALLOCATED H
01		OAK-DESK		ALCO	180125	ALCO SUPPLY CO.	10/17/97	11/17/97	001	25	10	
		ASSEMBLED OAK-DESK										
01		OAK-DESK		ALCO	180137	ALCO SUPPLY CO.	10/25/97	11/15/97	001	50	50	
		ASSEMBLED OAK-DESK										
01		OAK-DESK		AJAX	180157	AJAX INDUSTRIAL	10/15/97	11/15/97	001	100	65	
		ASSEMBLED OAK-DESK										
01		OAK-DESK		IDEAL	180162	IDEAL SUPPLY	10/20/97	11/20/97	001	125	125	
		ASSEMBLED OAK-DESK										
*** TOTALS FOR PRODUCT NUMBER: OAK-DESK										-----	-----	
										250	250	
01		OAK-DRESSER		ALCO	180147	ALCO SUPPLY CO.	10/15/97	11/15/97	001	200	50	
		ASSEMBLED OAK-DRESSER										
01		OAK-DRESSER		IDEAL	180159	IDEAL SUPPLY	10/17/97	11/20/97	001	150	100	
		ASSEMBLED OAK-DRESSER										
*** TOTALS FOR PRODUCT NUMBER: OAK-DRESSER										-----	-----	
										350	150	
*** TOTALS FOR COMPANY#: 01										-----	-----	
										600	400	
*** GRAND TOTALS:										-----	-----	
										600	400	

**DAILY PRODUCTION POSTING REPORT**

PROK NAME	RM.PROK PROD.POST.LIST
SELECTION	MENU-28.3
SELECTION NUMBER	11
FILES ACCESSED	PROD.POST

**OVERVIEW**

The daily production posting report is used for production reporting and audit trail purposes.

**OPERATING INSTRUCTIONS****DAILY PRODUCTION POSTING REPORT****HIT <RTN> TO CONTINUE OR 'END'**

Hit 'RETURN' to continue or 'END' to return to the menu.

After the daily production posting report finishes spooling, the program will prompt:

**CAUTION - ANSWERING YES TO THE FOLLOWING QUESTIONS WILL**

**CLEAR THE DAILY PRODUCTION POSTING FILE!!!!!!!!**

**DID THE DAILY PRODUCTION POSTING REPORT PRINT OK (Y/N)**

If the report did print correctly, an entry of 'Y\*\*\*' will clear the file.

NOTE - The daily production posting report cannot be printed again if 'Y\*\*\*' has been entered.

# DAILY PRODUCTION POSTING REPORT

PAGE 1

DAILY PRODUCTION POSTING REPORT

RUN DATE:

12:16:33

07 NOV 1997

CO#	WO.NO.	WHSE	OP	PROD.DATE	LN.NO	TYP	A.PROD#	PROD.DESC	OPEN.QTY	F.PROD.QTY	C	PROD QTY	CAN QTY	VALUE
01	180188	001	GS	10/10/97	001	C	OAK-DESK	ASSEMB OAK-DESK	1000	60000		0	0	67825
01	180188	001	GS	10/10/97	001	C	OAK-LEG	EXEC OAK LEG	4000	0		200000	0	0
01	180188	001	GS	10/10/97	001	C	OAK-TOP	EXEC OAK TOP	1000	0		50000	0	0
01	180188	001	GS	10/10/97	001	C	OAK-SIDE	EXEC OAK SIDE	2000	0		100000	0	0
01	180188	001	GS	10/10/97	001	C	OAK-FRT	EXEC OAK FRONT	1000	0		50000	0	0
01	180188	001	GS	10/10/97	001	C	OAK-DRW	EXEC OAK DRAWER	2000	0		100000	0	0
01	180188	001	GS	10/10/97	001	C	OAK-CTR	EXEC CENT DRAW	1000	0		50000	0	0
01	180188	001	GS	10/10/97	001	C	RED-FLT	RED FELT	1000	0		50000	0	0
01	180188	001	GS	10/10/97	001	C	SHK-WRP	SHRINK WRAP	1000	0		50000	0	0
						***			13000	60000		650000	0	67825
									-----	-----		-----	----	-----
						***			13000	60000		650000	0	67825

9 records listed.

**PRODUCTION POSTING INVENTORY AUDIT REPORT**

PROK NAME	RM.PROK AUDIT.RPT
SELECTION	MENU-28.3
SELECTION NUMBER	12
FILES ACCESSED	INV.AUDIT

**OVERVIEW**

This report will list all product postings done on the date entered for selection.

**OPERATING INSTRUCTIONS****RAW MATERIAL INVENTORY AUDIT REPORT****ENTER CURRENT DATE AS MM/DD/YY OR 'END'**

Enter the current date for the report or 'END' to return to the menu.

## PRODUCTION POSTING INVENTORY AUDIT REPORT

PAGE :	1 PRODUCTION POSTING INVENTORY AUDIT REPORT							DATE :	15 NOV 1997		
DATE	OPER	TRANS NO.	REL.NO	WHSE	A.PROD.NO	DESC	BAL.BEF	QTY	BAL.AFT		
11/01/97	GS	16124	01180188001	001	OAK-DESK	ASSEMBLED OAK-DESK	15,071	500	15,571		
					***			500			
11/10/97	RS	16135	01180193001	001	OAK-DRESSER	ASSEMBLED OAK-DRESSER	3,646	100	3,746		
					***			100			
11/15/97	JJ	16142	01180197001	001	OAK-CHAIR	ASSEMBLED OAK-CHAIR	10,500	200	10,700		
					***			200			
				***				800			
								800			

3 records listed.



**WORK ORDER PRINT**

PROK NAME	RM.PROK PWO.PRT
PROGRAM NAME	RM.BP WO.PRT
SELECTION	MENU-28.3
SELECTION NUMBER	13
FILES ACCESSED	WO
	WO.PRT.XREF
	COMPANY
	PROD.DET
	PROD.MAST
	BILL.MAT
	PARAMETER
	SALES.2

**OVERVIEW**

The work order print program will print the work order.

**OPERATING INSTRUCTIONS****WO ORDER PRINT****HIT RETURN TO CONTINUE OR 'END'**

Hit 'RETURN' to continue or 'END' to return to the menu.

WORK ORDER PRINT

WORK ORDER NO. 01180266

APPROVED BY:

DATE: 11/15/97

PAGE: 1

ITEM #	DESCRIPTION	QTY/ITM	UM	QTY REG	UM	AVAIL	UM
OAK-LEG	OAK DESK LEG	4,0000	EA	20,0000	EA	25,0000	EA
OAK-TOP	EXECUTIVE OAK DESK TOP	1,0000	EA	5,0000	EA	50,0000	EA
OAK-SIDE	EXECUTIVE OAK DESK SIDE	2,0000	EA	10,0000	EA	60,0000	EA
OAK-FRONT	EXECUTIVE OAK DESK FRONT	1,0000	EA	5,0000	EA	15,0000	EA
OAK-DRAWERS	EXECUTIVE OAK DESK DRAWERS	2,0000	EA	10,0000	EA	12,0000	EA
DESK-KEY	EXECUTIVE DESK KEY	1,0000	EA	5,0000	EA	8,0000	EA
RED-FELT	RED FELT	2,5000	EA	12,5000	EA	14,0000	EA
SHRINK-WRAP	CLEAR SHRINK WRAP 36"	7,7000	EA	38,7000	EA	42,0000	EA

ROUTING INSTRUCTIONS  
 APPLY GOLDEN OAK FINISH  
 APPLY FELT TO DRAWERS  
 ASSEMBLE DESK  
 SHRINK WRAP DESK

QUANTITY PRODUCED \_\_\_\_\_ DATE \_\_\_\_\_ BY \_\_\_\_\_  
 QUANTITY PRODUCED \_\_\_\_\_ DATE \_\_\_\_\_ BY \_\_\_\_\_  
 QUANTITY PRODUCED \_\_\_\_\_ DATE \_\_\_\_\_ BY \_\_\_\_\_

**WORK ORDER RE-PRINT**

PROK NAME	RM.PROK PWO.REPRINT
PROGRAM NAME	RM.BP WO.PRT
SELECTION	MENU-28.3
SELECTION NUMBER	14
FILES ACCESSED	WO
	WO.PRT.XREF
	COMPANY
	PROD.DET
	PROD.MAST
	BILL.MAT
	PARAMETER
	SALES.2

**OVERVIEW**

The work order print program will re-print specific work orders.

**OPERATING INSTRUCTIONS****WO ORDER RE-PRINT****HIT RETURN TO CONTINUE OR 'END'**

Hit 'RETURN' to continue or 'END' to return to the menu.

**ENTER WORK ORDER NUMBER OR 'END' TO PRINT**

Enter work order numbers, one at a time. When finished enter 'END' to re-print the work orders.

## WORK ORDER RE-PRINT

WORK ORDER NO. 01180266

APPROVED BY:

DATE: 11/15/97

PAGE: 1

ITEM #	DESCRIPTION	QTY/ITM	UM	QTY REG	UM	AVAIL	UM
OAK-LEG	OAK DESK LEG	4,0000	EA	20,0000	EA	25,0000	EA
OAK-TOP	EXECUTIVE OAK DESK TOP	1,0000	EA	5,0000	EA	50,0000	EA
OAK-SIDE	EXECUTIVE OAK DESK SIDE	2,0000	EA	10,0000	EA	60,0000	EA
OAK-FRONT	EXECUTIVE OAK DESK FRONT	1,0000	EA	5,0000	EA	15,0000	EA
OAK-DRAWERS	EXECUTIVE OAK DESK DRAWERS	2,0000	EA	10,0000	EA	12,0000	EA
DESK-KEY	EXECUTIVE DESK KEY	1,0000	EA	5,0000	EA	8,0000	EA
RED-FELT	RED FELT	2,5000	EA	12,5000	EA	14,0000	EA
SHRINK-WRAP	CLEAR SHRINK WRAP 36"	7,7000	EA	38,7000	EA	42,0000	EA

ROUTING INSTRUCTIONS  
 APPLY GOLDEN OAK FINISH  
 APPLY FELT TO DRAWERS  
 ASSEMBLE DESK  
 SHRINK WRAP DESK

---

---

---

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---

QUANTITY PRODUCED \_\_\_\_\_ DATE \_\_\_\_\_ BY \_\_\_\_\_  
 QUANTITY PRODUCED \_\_\_\_\_ DATE \_\_\_\_\_ BY \_\_\_\_\_  
 QUANTITY PRODUCED \_\_\_\_\_ DATE \_\_\_\_\_ BY \_\_\_\_\_

**PURGE WORK ORDER (INPUT DATE)**

PROGRAM NAME	RM.BP PURGE.WO
SELECTION	MENU-28.3
SELECTION NUMBER	15
FILES ACCESSED	WO
	OPEN.WO.XREF
	WO.PRT.XREF
	OPERATOR

**OVERVIEW**

This process deletes work orders that have been canceled or completed. The selection is based on the completion being less than or equal to an entered date. As the work orders are being checked the number of deletions is displayed.

This process will also remove entries in the Open.Wo.Xref file. This file maintains the cross reference of open work orders by product.

**OPERATING INSTRUCTIONS****ENTER OPERATOR INITIALS OR 'END':**

Enter a valid operator code or 'END' to return to the menu.

**WORK ORDER FILE PURGE**

**ALL CLOSED WORK ORDERS EARLIER THAN THIS DATE WILL BE DELETED:**

**DATE: MM/DD/YY**

Enter the date for the purge, all closed work orders earlier than this date will be purged.

**ARE YOU SURE???**

Enter 'N' to cancel the purge and return to the menu. If you enter 'Y\*\*\*' the purge will continue and once completed the following prompt will appear:

**PURGE COMPLETED. HIT RETURN**

Hit 'RETURN' to return to the menu.

## MISCELLANEOUS REPORTS SELECTOR

File Edit Settings File Transfer

Account: BASE.10 Port: 26 Menu: RM.MISC.REPORTS

Raw Material Miscellaneous Reports Selector

Update 1. Purchasing Forecast Report - Jobstream

Reports

2. Purchasing Forecast Report  
3. Raw Material Where Used Report  
4. Raw Material Stock Status By Finished Goods Report  
5. Inventory Evaluation Report - Month to Date  
6. Inventory Evaluation Report - Year to Date  
7. Raw Material Shortage Report

Enter Selection or END :

OE VE MAINT EMAIL AUDIT CAPT ON VIEW Br  
HELP END INSERT LDELETE PREV PG NEXT PG INQUIRY ABORT k

**PURCHASING FORECAST REPORT - JOBSTREAM**

PROK NAME	RM.PROK PF.RPT-JOBSTREAM9
PROGRAM NAME	RM.BP SLS2.UPD9
SELECTION	MENU-28.4
SELECTION NUMBER	1
FILES ACCESSED	PO WO COMPANY SALES.2 BILL.MAT PARAMETER PROD.DET

**OVERVIEW**

The purchasing forecast report jobstream update will run the following programs needed in order to have current information in the purchasing forecast report:

**OPERATING INSTRUCTIONS****PURCHASING FORECAST REPORT JOBSTREAM UPDATE**  
-----

**THIS JOBSTREAM WILL RUN THE FOLLOWING PROGRAMS  
NEEDED IN ORDER TO HAVE CURRENT INFORMATION IN  
THE PURCHASING FORECAST REPORT:**

- 1. CLEAR OPEN WORK ORDER QUANTITIES FROM THE SALES.2 FILE**
- 2. CLEAR OPEN PURCHASE ORDER QUANTITIES FROM THE SALES.2 FILE**
- 3. UPDATE OPEN WORK ORDER QUANTITIES TO THE SALES.2 FILE**
- 4. UPDATE OPEN PURCHASE ORDER QUANTITIES TO THE SALES.2 FILE**
- 5. UPDATE PLANNED USE IN PRODUCTION QUANTITIES TO THE SALES.2 FILE**
- 6. UPDATE PLANNED USE IN PRODUCTION QUANTITIES TO THE PROD.DET FILE**

PURCHASING FORECAST REPORT - JOBSTREAM

OPERATING INSTRUCTIONS (Continued)

**HIT <RETURN TO CONTINUE OR 'END'**

Hit 'RETURN' to continue or 'END' to return to the menu.



## PURCHASING FORECAST REPORT

PROK NAME	RM.PROK PPF.RPT
PROGRAM NAME	RM.BP PF.RPT
SELECTION	MENU-28.4
SELECTION NUMBER	2
FILES ACCESSED	PO
	PROD.DET
	SALES.2
	PROD.MAST
	VEND.MAST
	COMPANY
	PARAMETER

### OVERVIEW

Make sure the purchasing forecast report jobstream has been run before you run this report, otherwise the report will not have current information.

### OPERATING INSTRUCTIONS

#### **PURCHASING FORECAST REPORT**

**MAKE SURE PURCHASING FORECAST REPORT JOBSTREAM  
HAS BEEN RUN BEFORE YOU RUN THIS REPORT OTHERWISE  
REPORT WILL NOT HAVE CURRENT INFORMATION**

**HIT <RTN> TO CONTINUE OR 'END'**

Hit 'RETURN' to continue or 'END' to return to the menu.

**ENTER VENDOR NUMBER OR 'A' FOR ALL VENDORS**

Enter a specific vendor number or 'A' to include all vendors.



**RAW MATERIAL WHERE USED REPORT**

PROK NAME	RM.PROK PWU.RPT
PROGRAM NAME	RM.BP WU.RPT
SELECTION	MENU-28.4
SELECTION NUMBER	3
FILES ACCESSED	BILL.MAT
	BILL.MAT.XREF
	PROD.MAST
	PROD.CLASS
	PARAMETER

**OVERVIEW**

This report prints by product class, where each component is used for each finished good item.

**OPERATING INSTRUCTIONS**

**RAW MATERIAL WHERE USED REPORT**  
**HIT <RTN> TO CONTINUE OR 'END'**

Hit 'RETURN' to continue or 'END' to return to the menu.

## RAW MATERIAL WHERE USED REPORT

PAGE: 1

RAW MATERIAL WHERE USED REPORT

DATE: 22 APR

PRODUCT CLASS: 100 EXECUTIVE FURNITURE

-----COMPONENT-----		-----FINISHED GOOD-----		QTY	QTY USED	QTY USED
A.PROD.NO	DESCRIPTION	A.PROD.NO	DESCRIPTION	PER ITEM	MTD	YTD
OAK-LEG	OAK DESK LEG	OAK-DESK	ASSEMBLED OAK-DESK	4,0000	5000	20000
OAK-TOP	OAK DESK TOP			1,0000	5000	5000
OAK-SIDE	OAK DESK SIDE			2,0000	10000	10000
OAK-FRONT	OAK DESK FRONT			1,0000	5000	5000
OAK-DRAWERS	OAK DESK DRAWERS			2,0000	10000	10000
DESK-KEY	DESK KEY			1,0000	5000	10000
RED-FELT	RED FELT			1,0000	5000	10000
SHRINK WRAP	CLEAR SHRINK WRAP			7,0000	42000	84000

**RAW MATERIAL STOCK STATUS BY FINISHED GOODS REPORT**

PROK NAME	RM.PROK PSSFG.RPT9
PROGRAM NAME	RM.BP SSFG.RPT9
SELECTION	MENU-28.4
SELECTION NUMBER	4
FILES ACCESSED	BILL.MAT
	PROD.MAST
	PROD.DET
	PARAMETER
	SALES.2
	WAREHOUSE
	COMPANY

**OVERVIEW**

This report is a stock status report for raw materials.

**OPERATING INSTRUCTIONS****RAW MATERIAL STOCK STATUS BY FINISHED GOODS REPORT  
HIT <RET> TO CONTINUE OR 'END'**

Hit 'RETURN' to continue or 'END' to return to the menu.

**ENTER WAREHOUSE# OR 'ALL'**

Enter a warehouse number or 'ALL' for all warehouses.

## RAW MATERIAL STOCK STATUS BY FINISHED GOODS REPORT

PAGE: 1      WHSE ALL      RAW MATERIAL STOCK STATUS BY FINISHED GOODS      DATE: 08 APRIL 1997

P/C	A.PROD.NO	DESCRIPTION	UM	LN#	A.PROD.NO	DESCRIPTION	UM	QTY/ITM	ON-HAND	ON-PO	AV
100	OAK-DESK	ASSEMBLED OAK-DESK	EA	001	OAK-LEG	OAK DESK LEG	EA	4,0000	80000	0	61
				002	OAK-TOP	OAK DESK TOP	EA	1,0000	40000	0	143
				003	OAK-SIDES	OAK DESK SIDES	EA	2,0000	30000	20000	20
				004	OAK-DESK-FRT	OAK DESK FRONT	EA	1,0000	15000	0	15
				005	OAK-DRAW	OAK DESK DRAWERS	EA	2,0000	30000	0	17
				006	DESK-KEY	DESK KEY	EA	1,0000	15000	15000	17
				007	OAK-CTR-DRW	OAK CTR DESK DRAW	EA	1,0000	15000	0	12
				008	RED-FELT	RED-FELT	EA	1,0000	20000	0	56
				009	SHRINK-WRAP	CLEAR SHRINK WRAP	EA	7,0000	420000	0	22

TOTAL AVAILABLE FOR PRODUCTION: 2

**INVENTORY EVALUATION REPORT - MONTH TO DATE**

PROK NAME	RM.PROK INV.EVAL.RPT-MTD
SELECTION	MENU-28.4
SELECTION NUMBER	5
FILES ACCESSED	PROD.DET

**OVERVIEW**

This report prints a month-to-date stock status and valuation report.

**OPERATING INSTRUCTIONS****INVENTORY EVALUATION REPORT - MONTH TO DATE****HIT <RTN> TO CONTINUE OR 'END'**

Hit 'RETURN' to continue or 'END' to return to the menu.

## INVENTORY EVALUATION REPORT - MONTH TO DATE

PAGE: 1

INVENTORY EVALUATION REPORT - MONTH TO DATE

DATE: 22 APR 1997

WAREHOUSE: 001

PC	ITEM NO	ITEM.DESC	UM	BEGIN	RECEIPTS MTD	PRODUCED MTD	RETURNS MTD	SALES MTD	USED PROD MTD	ON HAND	COST	VALUE
100	OAK-DESK	ASSEMBLED OAK DESK	EA	100	1000	1000	0	2768	0.00	1500	875.00	4237.00
100	OAK-LEG	OAK DESK LEG	EA	400	6000	4000	0	2021	0.00	3000	50.00	1041.00
100	OAK-TOP	OAK DESK TOP	EA	200	4000	2000	0	2541	0.00	1200	35.00	1010.00
100	OAK-SIDE	OAK DESK SIDES	EA	400	6000	4000	0	2024	0.00	3000	40.00	1042.00
100	OAK-FRT	OAK DESK FRONT	EA	200	1500	1000	0	1880	0.00	1500	45.00	1092.00
100	OAK-DRW	OAK DESK DRAWER	EA	400	6000	4000	0	2820	0.00	3500	25.00	2050.00
100	OAK-CTR	OAK DESK CTR DRAW	EA	200	3000	2000	0	2024	0.00	2000	15.00	1024.00
100	DESK-KEY	DESK KEY	EA	200	3000	2000	0	2010	0.00	1000	10.00	1000.00
100	RED-FELT	RED FELT	EA	200	2500	2000	0	1882	0.00	500	20.00	1500.00
				----	-----	-----	---	-----	-----	-----	-----	-----
				2300	32500	22000	0	19970	0.00	17200	1115.00	13996.00



**INVENTORY EVALUATION REPORT - YEAR TO DATE**

PROK NAME	RM.PROK INV.EVAL.RPT-YTD
SELECTION	MENU-28.4
SELECTION NUMBER	6
FILES ACCESSED	PROD.DET

**OVERVIEW**

This report prints a year-to-date stock status and valuation report.

**OPERATING INSTRUCTIONS****INVENTORY EVALUATION REPORT - YEAR TO DATE****HIT <RET> TO CONTINUE OR 'END'**

Hit 'RETURN' to continue or 'END' to return to the menu.

## INVENTORY EVALUATION REPORT - YEAR TO DATE

PAGE: 1

INVENTORY EVALUATION REPORT - YEAR TO DATE

DATE: 22 APR 1997

WAREHOUSE: 001

PC	ITEM NO	PROD.DESC	UM	YR	BEG	INV.RCPTS YTD	PRODUCED YTD	RETURNS YTD	SALES YTD	USED PROD YTD	ON HAND	COST	VALUE	
100	OAK-DESK	ASSEMBLED OAK DESK	EA	100		1000	1000	0	2768	0.00	1500	875.00	4237.00	
100	OAK-LEG	OAK DESK LEG	EA	400		6000	4000	0	2021	0.00	3000	50.00	1041.00	
100	OAK-TOP	OAK DESK TOP	EA	200		4000	2000	0	2541	0.00	1200	35.00	1010.00	
100	OAK-SIDE	OAK DESK SIDES	EA	400		6000	4000	0	2024	0.00	3000	40.00	1042.00	
100	OAK-FRT	OAK DESK FRONT	EA	200		1500	1000	0	1880	0.00	1500	45.00	1092.00	
100	OAK-DRW	OAK DESK DRAWER	EA	400		6000	4000	0	2820	0.00	3500	25.00	2050.00	
100	OAK-CTR	OAK DESK CTR DRAW	EA	200		3000	2000	0	2024	0.00	2000	15.00	1024.00	
100	DESK-KEY	DESK KEY	EA	200		3000	2000	0	2010	0.00	1000	10.00	1000.00	
100	RED-FELT	RED FELT	EA	200		2500	2000	0	1882	0.00	500	20.00	1500.00	
					----	-----	-----	---	-----	-----	-----	-----	-----	
						2300	32500	22000	0	19970	0.00	17200	1115.00	13996.00

## RAW MATERIAL SHORTAGE REPORT

PROK NAME	RM.PROK RM.SHORT.RPT9
PROGRAM NAME	RM.BP SHORT.RPT9
SELECTION	MENU-28.4
SELECTION NUMBER	7
FILES ACCESSED	PROD.DET PARAMETER PROD.MAST VEND.MAST SALES.2 COMPANY PROD.CLASS

### OVERVIEW

This report will list all raw materials that should be ordered. If availability is below the ROP, the product will be listed on the report. Kits, discontinued items, and items with stock status indicator set to 'N' will not be included in the report.

### OPERATING INSTRUCTIONS

#### **RAW MATERIAL SHORTAGE REPORT**

- 1. BY VENDOR**
- 2. BY PRODUCT CLASS**

**ENTER SELECTION OR 'END'**

Enter '1' to run the shortage report by vendor, '2' to run the report by product class or 'END' to return to the menu.

# RAW MATERIAL SHORTAGE REPORT

PAGE 1

RAW MATERIAL SHORTAGE REPORT BY WAREHOUSE BY VENDOR

DATE 11/07/97

WAREHOUSE: 001 - - NEW YORK

PRODUCT#	PRODUCT DESCRIPTION	SELL	ON	VEND	CUST	AVAIL	ROP	ROQ	BUY	LAST	LAST	RECPT	USED	P L A N N E D
		UM	HAND	ON ORD	BCKORD			UM		ORD	RCPT	YTD	YTD	VALUE
														USE

VENDOR: A4000 AIRWICK MFG CO  
 MIN FREIGHT

-----

ARWKSU-RE	REFRIG STICK UP 2 PK DZ	329	250	0	329	500	2000	GR	8/27	9/10	250	0	0
ARWKSU-PE	REFRIG STICK UP 4 PK DZ	220	200	0	220	500	1000	GR	9/01	9/20	250	0	0
VENDOR TOTAL ***		549	450	0	549						500	0	0
WAREHOUSE TOTAL ***		549	450	0	549						500	0	0
GRAND TOTAL ***		549	450	0	549						500	0	0

THE SYSTEMS HOUSE, INC.  
MASTER DISTRIBUTION DOCUMENTATION

I N D E X

Bill of Material .....	16
Bill of Material Inquiry .....	69
Bill of Material Listing .....	20
Create Orders from Open Work Orders .....	123
Customer Work Order Inquiry .....	72
Daily Production Posting Report .....	139
Detail Open Work Order Inquiry .....	80
Finished Goods Cost Update .....	65
Inquiries Overview .....	66
Introduction .....	1
Inventory Evaluation Report - Month to Date .....	157
Inventory Evaluation Report - Year to Date .....	159
Labor Cost Center .....	23
Labor Cost Center Listing .....	25
Master File Maintenance Function Keys .....	11
Module Overview .....	3
Bill of Materials Master File .....	3
Cost Update .....	3
Create Orders from Open Work Orders .....	4
Inquiries .....	5
Pro Forma Work Order Conversion .....	4
Pro Forma Work Order Entry/Maintenance .....	4
Production Posting .....	5
Raw Material File .....	3
Reports .....	6
Routing Posting .....	5
Work Order Entry/Maintenance .....	4
Work Order System Overview .....	4
Open Work Order - Drill Down Screen Inquiry .....	87
Open Work Order by Item Inquiry .....	92
Open Work Order Report .....	135
Open Work Order Report (By Product) .....	137
Overhead Cost Center .....	28
Overhead Cost Center Listing .....	29

THE SYSTEMS HOUSE, INC.  
MASTER DISTRIBUTION DOCUMENTATION

I N D E X

Plan .....	32
Plan Listing .....	33
Pricing Master File Maintenance .....	61
Pro Forma Work Order (Conversion) .....	122
Pro Forma Work Order Entry/Maintenance .....	111
Product Detail File Maintenance .....	52
Product Master File Listing .....	63
Product Master File Maintenance .....	37
Production Posting .....	129
Production Posting Inventory Audit Report .....	141
Purchasing Forecast Report .....	151
Purchasing Forecast Report - Jobstream .....	149
Purge Work Order (Input Date) .....	147
Raw Material Shortage Report .....	161
Raw Material Stock Status by Finished Goods Report .....	155
Raw Material Where Used Inquiry .....	96
Raw Material Where Used Report .....	153
Routing Posting .....	125
Work Order Entry/Maintenance .....	99
Work Order File Descriptions .....	7
Work Order Print .....	143
Work Order Re-Print .....	145