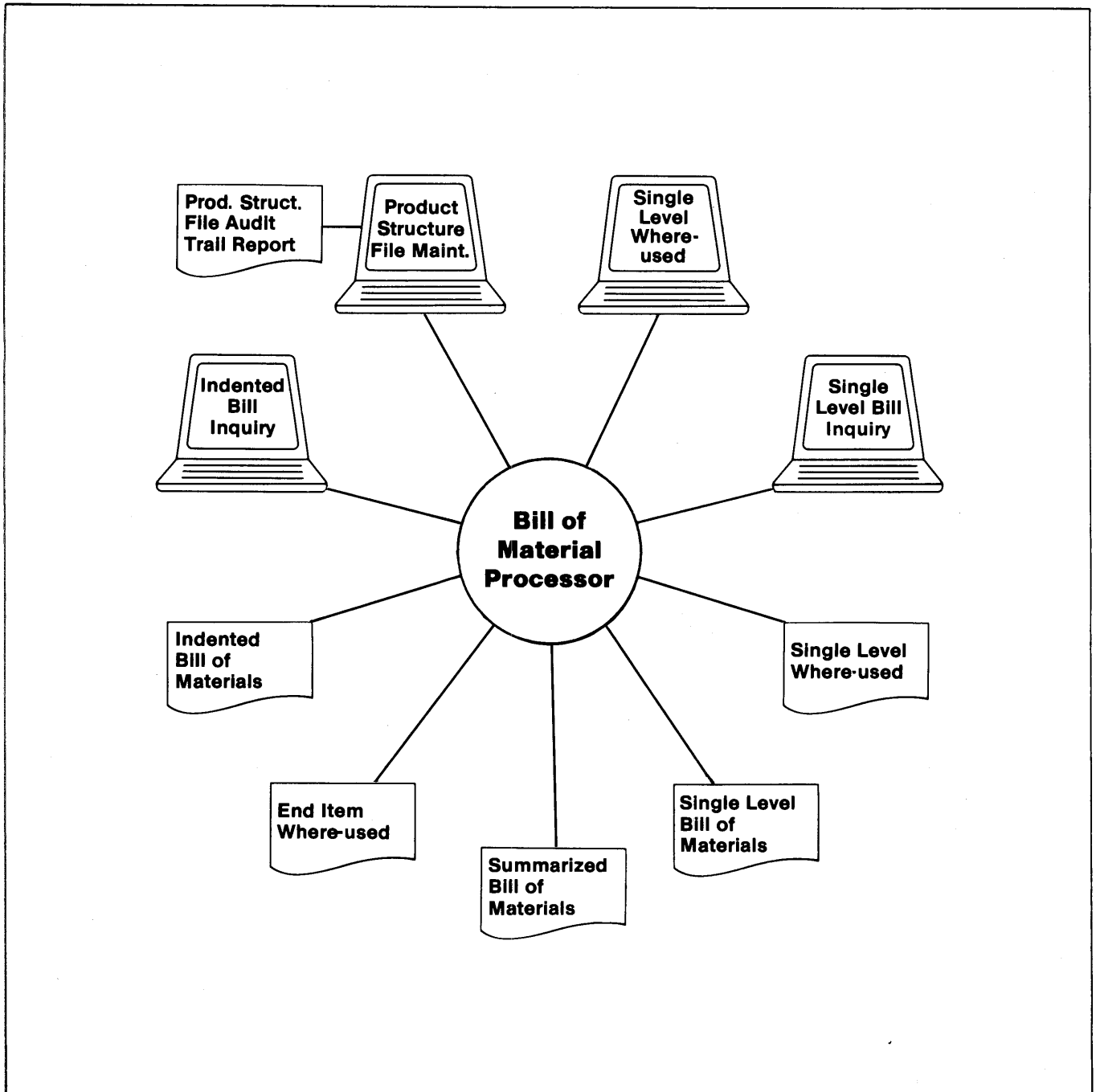
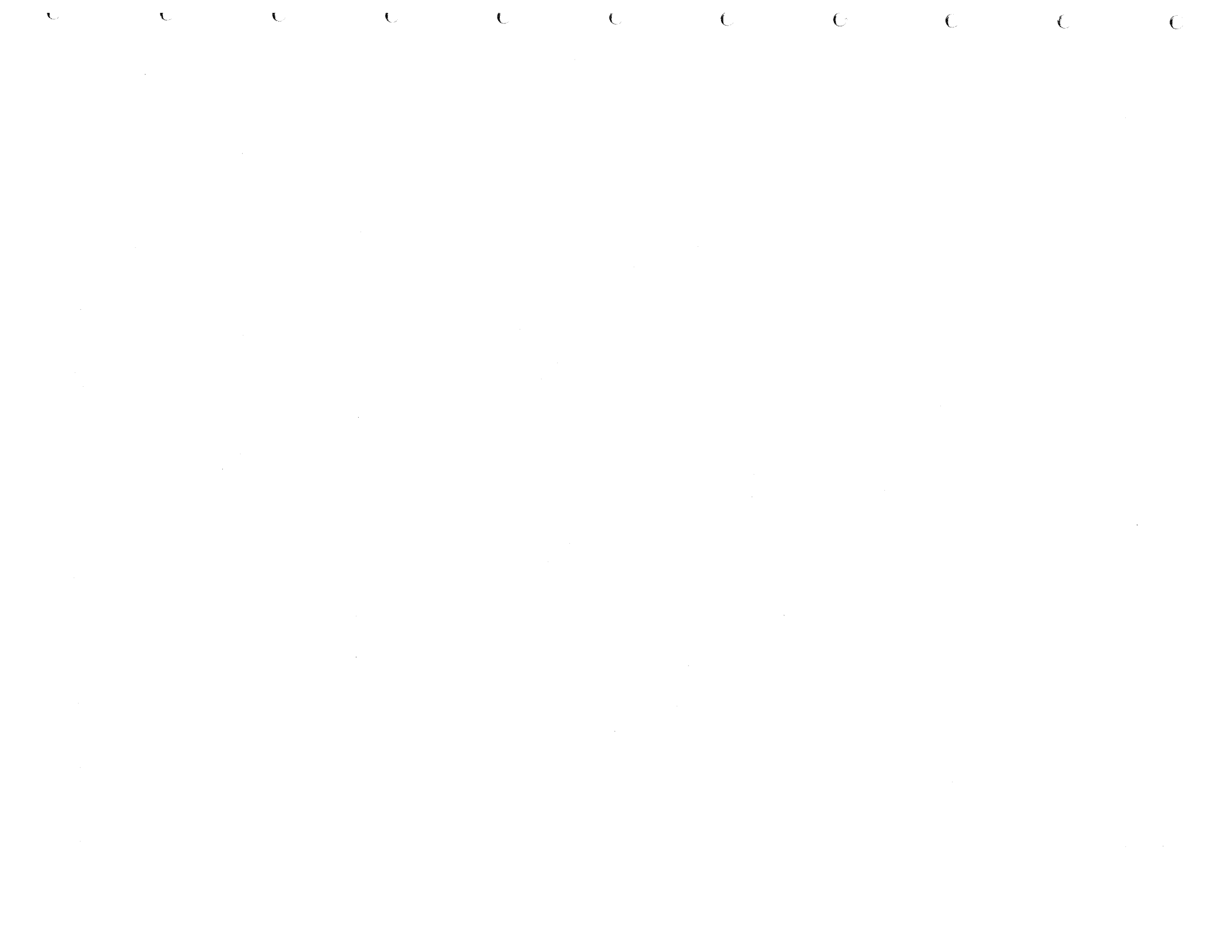


BILL OF MATERIAL PROCESSOR

in COBOL





Sample Screen Formats for Bill of Material Processor— COBOL

BILL OF MATERIAL PROCESSOR

M.C.B.A. DEMO FURNITURE COMP.

PLEASE SELECT --

1. PRODUCT STRUCTURE FILE MAINTENANCE
2. SINGLE LEVEL BILL OF MATERIAL INQUIRY
3. INDENTED BILL OF MATERIAL INQUIRY
4. SINGLE LEVEL WHERE-USED INQUIRY
5. PRINT SINGLE LEVEL BILL OF MATERIAL
6. PRINT INDENTED BILL OF MATERIAL
7. PRINT SINGLE LEVEL WHERE-USED
8. PRINT END ITEM WHERE-USED
9. PRINT SUMMARIZED BILL OF MATERIAL
10. PRINT SPOOLED REPORTS

BILL OF MATERIAL PROCESSOR

M.C.B.A. DEMO FURNITURE COMP.

PLEASE SELECT --

11. BOMP CONTROL FILE MAINTENANCE
12. RESET LOW LEVEL CODES

SET UP BILL OF MATERIAL PROCESSOR DATA FILES

M.C.B.A. DEMO FURNITURE COMP.

ENTER THE NUMBER OF RECORDS TO ALLOW FOR EACH FILE BELOW
(LEAVE THE FIELD BLANK IF A FILE IS NOT TO BE CREATED)

- | | |
|--|------|
| 1. PRODUCT STRUCTURE FILE | 5000 |
| 2. PRODUCT STRUCTURE AUDIT TRAIL FILE | 500 |
| 3. PRODUCT STRUCTURE COPY WORK FILE | 200 |
| 4. MASS REPLACE WORK FILE | 500 |
| 5. SUMMARIZED BILL OF MATERIAL WORK FILE | 1000 |

Sample Screen Formats for Bill of Material Processor— COBOL

PRODUCT STRUCTURE FILE MAINTENANCE

M.C.B.A. DEMO FURNITURE COMP.

PLEASE SELECT _

1. ADD NEW PRODUCT STRUCTURE ITEMS
2. CHANGE/INQUIRE PRODUCT STRUCTURE ITEMS
3. DELETE PRODUCT STRUCTURE ITEMS
4. COPY PRODUCT STRUCTURES
5. MASS REPLACE ITEMS IN PRODUCT STRUCTURE FILE
6. PRINT PRODUCT STRUCTURE FILE AUDIT TRAIL

PRODUCT STRUCTURE FILE MAINTENANCE
ADD

M.C.B.A. DEMO FURNITURE COMP.

THE SEQUENCE NUMBER WILL DEFAULT TO THE LAST
USED SEQUENCE NUMBER PLUS THE FOLLOWING INCREMENT

PLEASE ENTER THE SEQUENCE INCREMENT VALUE 10

PRODUCT STRUCTURE FILE MAINTENANCE
CHANGE/INQUIRE

M.C.B.A. DEMO FURNITURE COMP.

1. PARENT ITEM NO	E202
2. COMPONENT ITEM NO	C800
3. SEQUENCE NO	10
4. QTY PER ASSEMBLY	6.0000
5. ATTACHING OPERATN	10
6. SHRINK/SCRAP FCTR	.1
7. ACTIVITY FLAG	A
8. USER DEFINED	RF-201

Single Pedestal Desk
** Vinyl Sides Option **
UNIT OF MEASURE EA
Vinyl Paddins, Red
UNIT OF MEASURE YD

ITEM NUMBER TO CHANGE ? ---

Sample Screen Formats for Bill of Material Processor—COBOL

PRODUCT STRUCTURE FILE MAINTENANCE COPY	M.C.B.A. DEMO FURNITURE COMP.
1. FROM ITEM NO E1000	Desk, Mahogany - 30 x 60
	UNIT OF MEASURE EA
2. TO ITEM NO E1100	Desk, Mahogany - Padded Sides
	UNIT OF MEASURE EA
3. INCREMENT 10	
4. ACTIVITY FLAG A	
5. USER DEFINED RF-36	
ITEM NUMBER TO CHANGE ? ---	

COPY ENTIRE
PRODUCT
STRUCTURES

PRODUCT STRUCTURE FILE MAINTENANCE MASS REPLACE	M.C.B.A. DEMO FURNITURE COMP.
1. OBSOLETE ITEM NO A400	Drawer, File
2. REPLACEMENT ITEM NO B100	Drawer, Standard Letter Size
ITEM NUMBER TO CHANGE ? ---	

PRODUCT STRUCTURE FILE MAINTENANCE PRINT AUDIT TRAIL	M.C.B.A. DEMO FURNITURE COMP.
1. STARTING ITEM NO ALL	
2. ENDING ITEM NO	
3. STARTING DATE ALL	
4. ENDING DATE	
5. PURGE FILE ? N	
ITEM NUMBER TO CHANGE ? ----	

Sample Screen Formats for Bill of Material Processor— COBOL

```

INDENTED BILL OF MATERIAL INQUIRY                                M.C.B.A. DEMO FURNITURE COMP.

1. PARENT ITEM NO          E1000          Desk, Mahogany - 30 x 60
2. BLOW THROUGH?          N
3. NO OF LEVELS TO EXPLODE 11
4. SHOW ACTIVE ITEMS?     Y
5. SHOW FORECASTED ITEMS? N
6. SHOW OBSOLETE ITEMS ?  N

ITEM NUMBER TO CHANGE ? ---
    
```

```

INDENTED BILL OF MATERIAL INQUIRY                                M.C.B.A. DEMO FURNITURE COMP.
PARENT ITEM NO:  E1000          Desk, Mahogany - 30 x 60          LLC 1
                  11 LEVELS                                         *ACT*

LV SEQ COMPONENT ITEM      QUANTITY U/M DESCRIPTION          ATT A S C
PER      LLC
1  10 D400                .2500 BX Pumice (Fine) 5 LB box      60 A Y N
2                                     2                                     P
1  20 D600                3.0000 BX Pumice (Coarse) 32 Oz. Box 60 A Y N
2                                     2                                     P
1  30 C1400              2.0000 EA Panel, Front Desk - Mahogany 60 A Y Y
2                                     2                                     M
2  10 C700                1.0000 EA Veneer Mahogany - 1/16x60x120 30 A Y Y
2                                     2                                     P
2  20 C600                1.0000 EA Particle Board 1x121x31 (36LB) 30 A Y Y
2                                     2                                     P
2  30 D500                .3000 QT Glue - Pressure Sensitive (Qt) 30 A Y N
2                                     2                                     P
2  40 D400                .1000 BX Pumice (Fine) 5 LB box      30 A Y N
2                                     2                                     P
1  40 A600                1.0000 EA Top, Desk 30x60x1 (IN)      60 A Y Y
2                                     2                                     M

F1 = NEXT PAGE
    
```

```

SINGLE LEVEL WHERE-USED INQUIRY                                M.C.B.A. DEMO FURNITURE COMP.
COMPONENT ITEM NO:  C700          Veneer Mahogany - 1/16x60x120  LLC 2
ONLY SHOW ACTIVE ?  N

PARENT ITEM      LLC U/M DESCRIPTION          PROD ATT A S C  ENGR
CAT  DP          RELEASE
A600              2 EA Top, Desk 30x60x1 (IN)          20 A Y Y  YZ221
C1400             2 EA Panel, Front Desk - Mahogany    30 A Y Y  Y13

NO MORE USES                                PRESS "RETURN"
    
```

Sample Screen Formats for Bill of Material Processor— COBOL

```

SINGLE LEVEL BILL OF MATERIAL INQUIRY                M.C.B.A. DEMO FURNITURE COMP.
PARENT ITEM NO: A500                               Les, Pine 2 x 3 x 2.5 (ft)   LLC 2
BLOW THROUGH ?  N
COMPONENT ITEM  SEQ QUANTITY U/M DESCRIPTION        ATT SCRAP A S C P
                  PER  LLC
C500            10  1.0000 EA Pine Board, 2" x 4 x 8      10  20.0 A Y Y P
                  2
D300            20  2.0000 EA Bracket, Aluminum 4"          10  .0 A Y Y P
                  2
D100            30  .2500 QT Stain, Mahogany (1 Qt. Can)    11  .0 A Y N P
                  2
D200            40  4.0000 EA Screw, Wood 1/8 x 3/4          10  .0 A Y N P
                  2
    
```

END OF BILL PRESS "RETURN"

```

PRINT SINGLE LEVEL BILL OF MATERIAL                M.C.B.A. DEMO FURNITURE COMP.

1. STARTING PARENT ITEM NO      E1000
2. ENDING PARENT ITEM NO        E1000
3. PRINT ACTIVE ITEMS ?         Y
4. PRINT FORECASTED ITEMS ?     N
5. PRINT OBSOLETE ITEMS ?       N
6. INCLUDE ENGINEERING DATA ?  Y
7. INCLUDE INVENTORY DATA ?    Y
8. BLOW THROUGH PHANTOM ITEMS ? Y

ITEM NUMBER TO CHANGE ? ----
    
```

```

PRINT END ITEM WHERE-USED                M.C.B.A. DEMO FURNITURE COMP.

1. STARTING COMPONENT ITEM NO  C100
2. ENDING COMPONENT ITEM NO    C300
3. PRINT ACTIVE ITEMS ?       Y
4. PRINT FORECASTED ITEMS ?   N
5. PRINT OBSOLETE ITEMS ?     N
6. END ITEM CODES TO PRINT    E

ITEM NUMBER TO CHANGE ? ----
    
```

USER-DEFINED
CLASSES OF
FINISHED GOODS

Sample Screen Formats for Bill of Material Processor— COBOL

PRODUCT STRUCTURE FILE MAINTENANCE M.C.B.A. DEMO FURNITURE COMP.

ITEM DESCRIPTION Desk

ITEM NO	DESCRIPTION
1. C200	Desk Top, Walnut - 60 x 30
2. C100	Desk Top, Walnut - 72 x 36
3. E1000	Desk, Mahogany - 30 x 60
4. E1100	Desk, Mahogany - Padded Sides

SELECT ITEM --

ACCESS ITEMS BY PARTIAL DESCRIPTION

PRINT SPOOLED REPORTS M.C.B.A. DEMO FURNITURE COMP.

FILE NAME	STATION	USER ID	DATE	TIME	STATUS
1. ENDUSD - 01	01	JDM000	05/19/82	0:36 A.M.	COMPLETE
2. INDBOM - 01	01	JDM000	05/19/82	0:34 A.M.	COMPLETE
3. FRDAUD - 01	01	JDM000	05/19/82	0:27 A.M.	COMPLETE
4. SGLBOM - 02	01	JDM000	05/19/82	0:32 A.M.	COMPLETE
5. SGLUSD - 01	01	JDM000	05/19/82	0:35 A.M.	COMPLETE
6. SUMBOM - 01	01	JDM000	05/19/82	0:38 A.M.	SPOOLING

REPORT NUMBER ----
F1 = NEXT PAGE F2 = PREVIOUS PAGE F8 = SHOW REPORTS FOR ALL SYSTEMS

SELECT OPTIONS WITH FUNCTION KEYS

Sample Print-Outs for Bill of Material Processor— COBOL

RUN DATE: MAY 22, 1982 - 14:23

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0001

PRODUCT STRUCTURE FILE AUDIT TRAIL REPORT

RANGES: ALL DATES
ALL PARENT ITEMS

ACTIONS: A = ADDITION B = BEFORE CHANGE C = CHANGE D = DELETION R = REPLACE

PARENT ITEM	ACTION	DATE TIME	USER-ID TERMINAL	SEQ NO	DESCRIPTION	COMPONENT ITEM ORIG COMPONENT	QTY-PER	ATT OPER	SCRAP	ACT FLAG	USER DEFINED
B400	B	05/14/82 00:06:17	SYSTEM 4	50	Hardware, Face	B600	1.0000	25	.0	A	
B400	C	05/14/82 00:06:17	SYSTEM 4	50	Hardware, Face	B600	2.0000				
E1000	B	05/22/82 14:20:32	SYSTEM 4	10	Pumice (Fine) 5 LB box	D400	.2500	60	.0	A	
E1000	C	05/22/82 14:20:32	SYSTEM 4	10	Pumice (Fine) 5 LB box	D400					RF-10
E1000	B	05/22/82 14:21:06	SYSTEM 4	30	Panel, Front Desk - Mahogany	C1400	2.0000	60	.0	A	
E1000	C	05/22/82 14:21:07	SYSTEM 4	30	Panel, Front Desk - Mahogany	C1400					RF-10A
E202	A	05/19/82 00:24:51	JDM000 1	10	Vinyl Paddins, Red	C800	4.0000	10	.1	A	
E202	B	05/22/82 14:19:21	SYSTEM 4	10	Vinyl Paddins, Red	C800	4.0000	10	.1	A	
E202	C	05/22/82 14:19:21	SYSTEM 4	10	Vinyl Paddins, Red	C800	6.0000				RF-201

RUN DATE: MAY 19, 1982 - 00:34

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0001

INDENTED BILL OF MATERIAL

RANGES: PARENT ITEM NO E1000
ENGINEERING DATA
ACTIVE ITEMS ONLY
11 LEVELS WITH NO BLOW THROUGH

THRU E1000

FOR PARENT ITEM E1000

Desk, Mahogany - 30 x 60

LOW LEVEL CODE 1 ENGR RELSE YY3003

LEV	SEQ	COMPONENT ITEM	QTY-PER PARENT	U/M LLC	COMPONENT DESCRIPTION	ATTCH OPER	SCRAP FACTR	ACT FLG	STK FLG	CTL FLG	P/M CDE	ENG RLS	ENG REV	RTE RLS	RTE REV	RTE NUM
1	10	D400	.2500	BX 2	Pumice (Fine) 5 LB box	60	.0	A	Y	N	P					
1	20	D600	3.0000	BX 2	Pumice (Coarse) 32 Oz. Box	60	.0	A	Y	N	P					
1	30	C1400	2.0000	EA 2	Panel, Front Desk - Mahogany	60	.0	A	Y	Y	M	Y13		00 R-13		5
2	10	C700	1.0000	EA 2	Veneer Mahogany - 1/16x60x120	30	15.0	A	Y	Y	P					
2	20	C600	1.0000	EA 2	Particle Board 1x121x31 (36LB)	30	20.0	A	Y	Y	P					
2	30	D500	.3000	QT 2	Glue - Pressure Sensitive (Qt)	30	.0	A	Y	N	P					
2	40	D400	.1000	BX 2	Pumice (Fine) 5 LB box	30	.0	A	Y	N	P					
1	40	A600	1.0000	EA 2	Top, Desk 30x60x1 (IN)	60	.0	A	Y	Y	M	YZ221		01 R-311		01 15
2	10	C700	1.0000	EA 2	Veneer Mahogany - 1/16x60x120	20	15.0	A	Y	Y	P					
2	20	C600	1.0000	EA 2	Particle Board 1x121x31 (36LB)	10	15.0	A	Y	Y	P					
2	30	D400	.0250	BX 2	Pumice (Fine) 5 LB box	11	.0	A	Y	N	P					
2	40	D100	.5000	QT 2	Stain, Mahogany (1 Qt. Can)	11	.0	A	Y	N	P					
2	50	D500	.2500	QT 2	Glue - Pressure Sensitive (Qt)	11	.0	A	Y	N	P					
1	50	D700	.2000	SG 2	Rubbing Oil (5 Gal Can)	60	.0	A	Y	N	P					
1	60	A500	4.0000	EA 2	Leg, Pine 2 x 3 x 2.5 (ft)	60	.0	A	Y	Y	M	Y802		01 R-43		00 105
2	10	C500	1.0000	EA 2	Pine Board, 2" x 4 x 8	10	20.0	A	Y	Y	P					
2	20	D300	2.0000	EA 2	Bracket, Aluminum 4"	10	.0	A	Y	Y	P					
2	30	D100	.2500	QT 2	Stain, Mahogany (1 Qt. Can)	11	.0	A	Y	N	P					
2	40	D200	4.0000	EA 2	Screw, Wood 1/8 x 3/4	10	.0	A	Y	N	P					
1	70	D200	16.0000	EA 2	Screw, Wood 1/8 x 3/4	60	.0	A	Y	N	P					

Sample Print-Outs for Bill of Material Processor—COBOL

RUN DATE: MAY 19, 1982 - 00:35

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0001

S I N G L E L E V E L W H E R E - U S E D

RANGES: COMPONENT ITEMS C100
ACTIVE ITEMS

THRU C500

PARENT ITEM	U/M	LLC	PARENT DESCRIPTION	PROD CAT	ATTCH OPER	ACT FLG	STK FLG	CTL FLG	ENGR RELSE
COMPONENT ITEM C100			Desk Top, Walnut - 72 x 36		LOW LEVEL CODE			1	ENGR RELSE
E201	EA	0	Single Pedestal Desk ** Exec Top Option **	DK1		A	N	N	YY3602
E400	EA	0	Double Pedestal Desk	DK1	90	A	N	Y	YY3103
COMPONENT ITEM C1000			Top, Walnut - 42 x 18		LOW LEVEL CODE			2	ENGR RELSE
E100	EA	1	Typing Return - Right Side Walnut	DK2	90	A	N	Y	Y36060
COMPONENT ITEM C1400			Panel, Front Desk - Mahogany		LOW LEVEL CODE			2	ENGR RELSE Y13
E1000	EA	1	Desk, Mahogany - 30 x 60	DK2	60	A	N	Y	YY3003
COMPONENT ITEM C200			Desk Top, Walnut - 60 x 30		LOW LEVEL CODE			2	ENGR RELSE
E200	EA	1	Single Pedestal Desk Model # 300	DK1	90	A	N	Y	YY3602
E201	EA	0	Single Pedestal Desk ** Exec Top Option **	DK1		A	N	N	YY3602
COMPONENT ITEM C300			Legs, Stainless Steel - 30"		LOW LEVEL CODE			3	ENGR RELSE
A100	EA	2	Base Assembly, 60 x 30 x 30		15	A	N	N	Y43010
COMPONENT ITEM C400			Modesty Panel, Walnut - 30"		LOW LEVEL CODE			1	ENGR RELSE
E400	EA	0	Double Pedestal Desk	DK1	90	A	N	Y	YY3103
COMPONENT ITEM C500			Pine Board, 2" x 4 x 8		LOW LEVEL CODE			2	ENGR RELSE
A500	EA	2	Leg, Pine 2 x 3 x 2.5 (ft)		10	A	Y	Y	Y802

RUN DATE: MAY 19, 1982 - 00:33

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0001

S I N G L E L E V E L B I L L O F M A T E R I A L

RANGES: PARENT ITEM NO E1000
ACTIVE ITEMS
WITH BLOW THROUGH

THRU E1000

INVENTORY QUANTITIES REFLECT TOTALS FOR ALL LOCATIONS (ON ORDER QUANTITY IS FOR THE DEFAULT LOCATION ONLY)

COMPONENT ITEM	SEQ NO	QTY PER PARENT	U/M	LLC	COMPONENT DESCRIPTION	ATTCH OPER	SCRAP FACTOR	ACT FLG	STK FLG	CTL FLG	P/M CDE	ENGR RELSE	QTY ON-HAND	QTY ALLOC	QTY ON-ORDER
PARENT ITEM E1000					Desk, Mahogany - 30 x 60			LOW LEVEL CODE				1	ENGR RELSE	YY3003	
D400	10	.2500	BX	2	Pumice (Fine) 5 LB box	60	.0	A	Y	N	P		7	0	10
D600	20	3.0000	BX	2	Pumice (Coarse) 32 Oz. Box	60	.0	A	Y	N	P		5	0	0
C1400	30	2.0000	EA	2	Panel, Front Desk - Mahogany	60	.0	A	Y	Y	M	Y13	44	0	0
A600	40	1.0000	EA	2	Top, Desk 30x60x1 (IN)	60	.0	A	Y	Y	M	YZ221	12	0	50
D700	50	.2000	SG	2	Rubbing Oil (5 Gal Can)	60	.0	A	Y	N	P		7	0	5
A500	60	4.0000	EA	2	Leg, Pine 2 x 3 x 2.5 (ft)	60	.0	A	Y	Y	M	Y802	55	0	0
D200	70	16.0000	EA	2	Screw, Wood 1/8 x 3/4	60	.0	A	Y	N	P		0	0	0

Sample Print-Outs for Bill of Material Processor— COBOL

RUN DATE: MAY 19, 1982 - 00:36

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0001

E N D I T E M W H E R E - U S E D

RANGES: COMPONENT ITEMS C100
ACTIVE ITEMS
END ITEM CODES E THRU C300

LEVEL	PARENT ITEM	LLC	U/M	PARENT DESCRIPTION	PROD CAT	ATTCH OPER	ACT FLG	STK FLG	CTL FLG	ENGR RELSE	SUMMARIZED QTY REQ
FOR COMPONENT ITEM C100				Desk Top, Walnut - 72 x 36	LOW LEVEL CODE 1			ENGR RELSE			
1	E201	0	EA	Single Pedestal Desk ** Exec Top Option **	DK1		A	N	N	YY3602	1.0000
1	E400	0	EA	Double Pedestal Desk	DK1	90	A	N	Y	YY3103	1.0000
FOR COMPONENT ITEM C1000				Top, Walnut - 42 x 18	LOW LEVEL CODE 2			ENGR RELSE			
1	E100	1	EA	Typing Return - Right Side Walnut	DK2	90	A	N	Y	Y36060	1.0000
2	E300	0	EA	Secretarial Unit (S. P. Desk + Right Return)	DK1		A	N	Y	Y31	1.0000
FOR COMPONENT ITEM C1400				Panel, Front Desk - Mahogany	LOW LEVEL CODE 2			ENGR RELSE Y13			
1	E1000	1	EA	Desk, Mahogany - 30 x 60	DK2	60	A	N	Y	YY3003	2.0000
2	E1100	0	EA	Desk, Mahogany - Padded Sides	DK2	61	A	N	Y	YY3003	2.0000
FOR COMPONENT ITEM C200				Desk Top, Walnut - 60 x 30	LOW LEVEL CODE 2			ENGR RELSE			
1	E200	1	EA	Single Pedestal Desk Model # 300	DK1	90	A	N	Y	YY3602	1.0000
2	E300	0	EA	Secretarial Unit (S. P. Desk + Right Return)	DK1		A	N	Y	Y31	1.0000
1	E201	0	EA	Single Pedestal Desk ** Exec Top Option **	DK1		A	N	N	YY3602	1.0000-
FOR COMPONENT ITEM C300				Legs, Stainless Steel - 30"	LOW LEVEL CODE 3			ENGR RELSE			
2	E200	1	EA	Single Pedestal Desk Model # 300	DK1	90	A	N	Y	YY3602	4.0000
3	E300	0	EA	Secretarial Unit (S. P. Desk + Right Return)	DK1		A	N	Y	Y31	4.0000
2	E400	0	EA	Double Pedestal Desk	DK1	90	A	N	Y	YY3103	4.0000

Sample Print-Outs for Bill of Material Processor— COBOL

RUN DATE: MAY 19, 1982 - 00:38

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0001

SUMMARIZED BILL OF MATERIAL

RANGES: PARENT ITEMS E
ACTIVE ITEMS ONLY
11 LEVELS WITH BLOW THROUGH
PURCHASED ITEMS ONLY

THRU F

INVENTORY QUANTITIES REFLECT TOTALS FOR ALL LOCATIONS (ON ORDER QUANTITY IS FOR THE DEFAULT LOCATION ONLY)

FOR PARENT ITEM E100 Typing Return - Right Side
Walnut LOW LEVEL CODE 1 ENGR RELSE Y36060

COMPONENT ITEM	SUMMARIZED QTY REQ	U/M	LLC	COMPONENT DESCRIPTION	QTY ON-HAND	QTY ALLOC	QTY ON-ORDER	ACT FLG	STK FLG	CTL FLG	P/M CDE	BUY ANL	COMM CODE
B100	1.0000	EA	3	Drawer, Standard Letter Size	175	0	240	A	Y	Y	P	2	WD02
B200	1.0000	EA	3	Slide Mechanism - Std	543	0	0	A	Y	Y	P	1	ST01
B300	1.0000	EA	3	Hardware Mounting, Drawer Box	163	0	0	A	Y	Y	P	1	ST03
B500	1.0000	EA	3	Slide Mechanism, File	231	0	0	A	Y	Y	P	1	ST02
B600	2.0000	EA	3	Hardware, Face	260	0	200	A	Y	Y	P	1	ST02
C1000	1.0000	EA	2	Top, Walnut - 42 x 18	53	0	500	A	Y	Y	P	2	WD01

RUN DATE: MAY 19, 1982 - 00:38

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0002

SUMMARIZED BILL OF MATERIAL

FOR PARENT ITEM E1000

Desk, Mahogany - 30 x 60

LOW LEVEL CODE 1

ENGR RELSE YY3003

COMPONENT ITEM	SUMMARIZED QTY REQ	U/M	LLC	COMPONENT DESCRIPTION	QTY ON-HAND	QTY ALLOC	QTY ON-ORDER	ACT FLG	STK FLG	CTL FLG	P/M CDE	BUY ANL	COMM CODE
D200	16.0000	EA	2	Screw, Wood 1/8 x 3/4	0	0	0	A	Y	N	P	2	MS01
D400	.2500	BX	2	Pumice (Fine) 5 LB box	7	0	10	A	Y	N	P	2	MS02
D600	3.0000	BX	2	Pumice (Coarse) 32 Oz. Box	5	0	0	A	Y	N	P	2	MS02
D700	.2000	SG	2	Rubbing Oil (5 Gal Can)	7	0	5	A	Y	N	P	2	MS02

RUN DATE: MAY 19, 1982 - 00:38

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0003

SUMMARIZED BILL OF MATERIAL

FOR PARENT ITEM E1100

Desk, Mahogany - Padded Sides

LOW LEVEL CODE 0

ENGR RELSE YY3003

COMPONENT ITEM	SUMMARIZED QTY REQ	U/M	LLC	COMPONENT DESCRIPTION	QTY ON-HAND	QTY ALLOC	QTY ON-ORDER	ACT FLG	STK FLG	CTL FLG	P/M CDE	BUY ANL	COMM CODE
CB00	3.0000	YD	1	Vinyl Paddings, Red	126	0	0	A	Y	Y	P	2	MS02

CONTINUED ON NEXT PAGE

Sample Print-Outs for Bill of Material Processor—COBOL

RUN DATE: MAY 19, 1982 - 00:38

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0004

S U M M A R I Z E D B I L L O F M A T E R I A L

FOR PARENT ITEM E200

Single Pedestal Desk
Model # 300

LOW LEVEL CODE 1 ENGNR RELSE YY3602

COMPONENT ITEM	SUMMARIZED QTY REQ	U/M	LLC	COMPONENT DESCRIPTION	QTY ON-HAND	QTY ALLOC	QTY ON-ORDER	ACT FLG	STK FLG	CTL FLG	P/M CDE	BUY ANL	COMM CODE
B100	1.0000	EA	3	Drawer, Standard Letter Size	175	0	240	A	Y	Y	P	2	WD02
B200	1.0000	EA	3	Slide Mechanism - Std	543	0	0	A	Y	Y	P	1	ST01
B300	1.0000	EA	3	Hardware Mounting, Drawer Box	163	0	0	A	Y	Y	P	1	ST03
B500	1.0000	EA	3	Slide Mechanism, File	231	0	0	A	Y	Y	P	1	ST02
B600	2.0000	EA	3	Hardware, Face	260	0	200	A	Y	Y	P	1	ST02
B700	4.0000	EA	3	Hardware, Leg	122	0	0	A	Y	Y	P	1	ST01
C200	1.0000	EA	2	Desk Top, Walnut - 60 x 30	729	0	0	A	Y	Y	P	2	WD03
C300	4.0000	EA	3	Legs, Stainless Steel - 30"	158	0	600	A	Y	Y	P	1	ST01
C900	1.0000	EA	2	Modesty Panel - 45"	125	0	0	A	Y	Y	P	2	WD02

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S U M M A R I Z E D B I L L O F M A T E R I A L

FOR PARENT ITEM E201

Single Pedestal Desk
** Exec Top Option **

LOW LEVEL CODE 0 ENGNR RELSE YY3602

COMPONENT ITEM	SUMMARIZED QTY REQ	U/M	LLC	COMPONENT DESCRIPTION	QTY ON-HAND	QTY ALLOC	QTY ON-ORDER	ACT FLG	STK FLG	CTL FLG	P/M CDE	BUY ANL	COMM CODE
C100	1.0000	EA	1	Desk Top, Walnut - 72 x 36	335	0	300	A	Y	Y	P	2	WD03
C200	1.0000	EA	2	Desk Top, Walnut - 60 x 30	729	0	0	A	Y	Y	P	2	WD03

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S U M M A R I Z E D B I L L O F M A T E R I A L

FOR PARENT ITEM E202

Single Pedestal Desk
** Vinyl Sides Option **

LOW LEVEL CODE 0 ENGNR RELSE YY3602

COMPONENT ITEM	SUMMARIZED QTY REQ	U/M	LLC	COMPONENT DESCRIPTION	QTY ON-HAND	QTY ALLOC	QTY ON-ORDER	ACT FLG	STK FLG	CTL FLG	P/M CDE	BUY ANL	COMM CODE
C800	4.0000	YD	1	Vinyl Paddings, Red	126	0	0	A	Y	Y	P	2	MS02

COBOL BILL OF MATERIAL PROCESSOR

Technical Specifications

Program Sizes

The program for the Bill of Material Processor package occupies approximately 981K bytes of disk space.

Memory Requirements

In terms of memory, the largest amount of memory required for any single task is approximately 59K bytes. This includes roughly 23K bytes of re-entrant code, so each additional Bill of Material Processor user would only require an additional 36K bytes of memory.

File Sizes

Approximate file requirements can be calculated from the following table. Because of the nature of the file handling (ISAM) and the operating system fragmentation of files, exact requirements cannot be given. However, the following is reasonably accurate.

File	Disk space in K bytes per 1,000 records
Product Structures	133
Audit Trail	129

These are the permanent files in the system. The transaction files are deleted after each posting and do not ordinarily grow extremely large between postings.