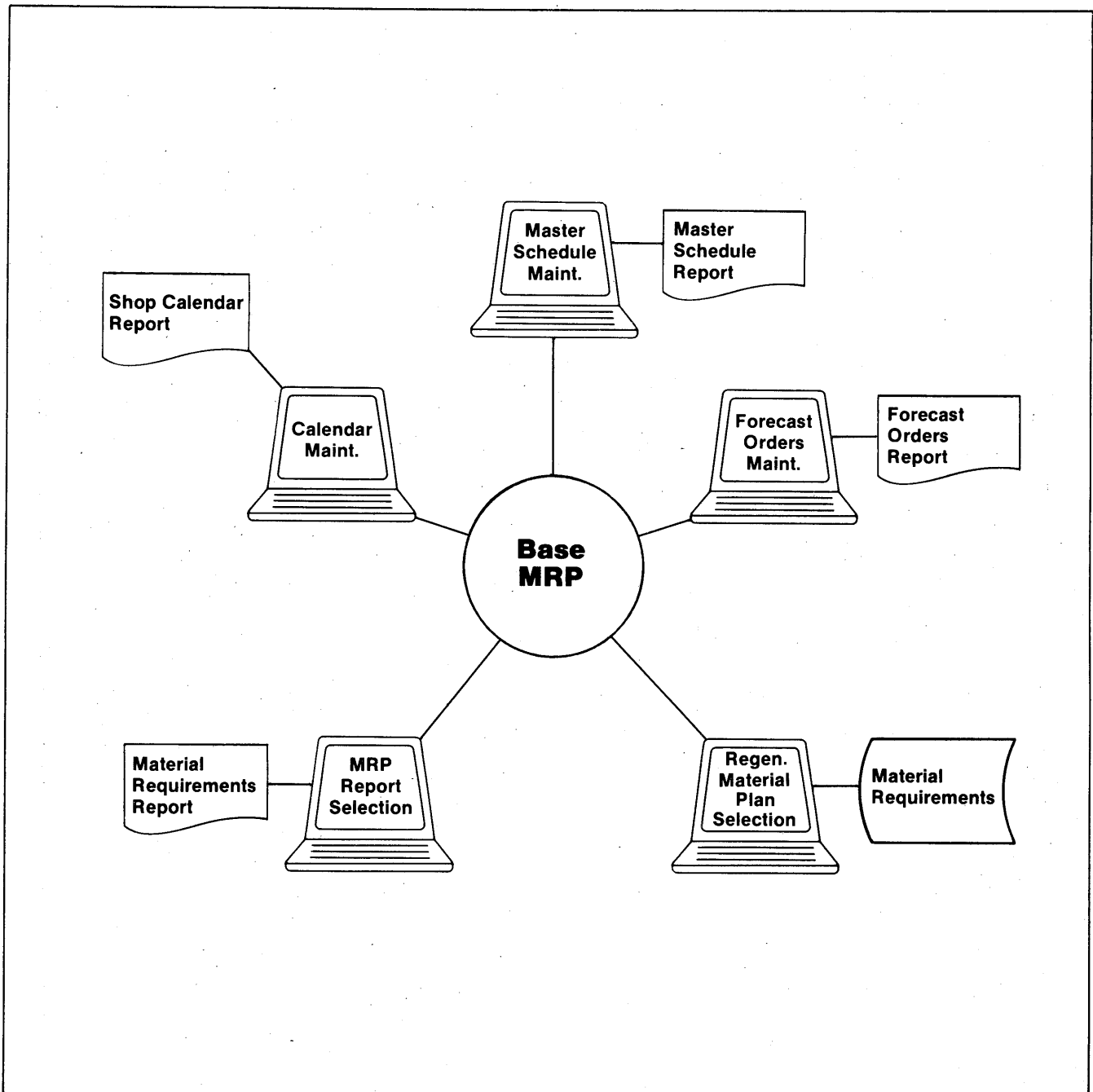


BASE MATERIAL REQUIREMENTS PLANNING IN DIBOL[®]



Sample Screen Formats for Base Material Requirements Planning—DIBOL for DEC PDP-11s—Release 1.0

BASE MATERIAL REQUIREMENTS PLANNING

PLEASE SELECT APPLICATION X

1. MASTER SCHEDULE MAINTENANCE
2. FORECAST ORDERS MAINTENANCE
3. REGENERATE MATERIAL PLAN
4. MATERIAL REQUIREMENTS REPORT
5. CALENDAR MAINTENANCE
6. MRP SPECIAL FUNCTIONS

MASTER SCHEDULE MAINTENANCE

PLEASE SELECT APPLICATION X

1. ADD ORDERS
2. CHANGE/INQUIRE ORDERS
3. DELETE ORDERS
4. PRINT MASTER SCHEDULE
5. PURGE ORDERS
6. POST FORECAST ORDERS
7. POST CUSTOMER ORDERS
8. POST PURCHASE ORDERS

MASTER SCHEDULE MAINTENANCE
ADD (1)

| | |
|-------------------|------------------------------|
| 1. ITEM NUMBER | XXXXXXXXXXXXXX |
| DESCRIPTION | XXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| PRODUCT CATG | XX |
| MFG LOCATION | XX |
| 2. ORDER DUE DATE | XX/XX/XX |
| 3. ORDER TYPE | X XXXXXXXXXXXXX |
| 4. ORDER NUMBER | XXXXXXXXXX |
| 5. ORDER QUANTITY | XXXXXX |

FIELD # TO CHANGE X 4 = PURCHASE ORDER, 7 = CUSTOMER ORDER, 8 = FORECAST ORDER

ORDER TYPES

```
MASTER SCHEDULE MAINTENANCE
PRINT MASTER SCHEDULE

PLEASE ENTER:

1. STARTING ITEM NUMBER  XXXXXXXXXXXXXXXX
   ENDING ITEM NUMBER    XXXXXXXXXXXXXXXX
2. PRODUCT CATEGORY      XX
3. STARTING DUE DATE     XX/XX/XX
   ENDING DUE DATE       XX/XX/XX
4. MFG LOCATION          XX
5. PRINT PURCHASE ORDERS ? X
6. PRINT CUSTOMER ORDERS ? X
7. PRINT FORECAST ORDERS ? X

NO RECORDS FIT THESE PARAMETERS
```

```
MASTER SCHEDULE MAINTENANCE
PRINT MASTER SCHEDULE

PLEASE SELECT OPTION X

1. PRINT SCHEDULE IN ITEM-DATE SEQUENCE
2. PRINT SCHEDULE IN DATE-ITEM SEQUENCE

ANY CHANGE ? X
```

```
MASTER SCHEDULE MAINTENANCE
PURGE ORDERS

PLEASE ENTER:

1. STARTING ITEM NUMBER  XXXXXXXXXXXXXXXX
   ENDING ITEM NUMBER    XXXXXXXXXXXXXXXX
2. PRODUCT CATEGORY      XX
3. STARTING DUE DATE     XXXXXX
   ENDING DUE DATE       XXXXXX
4. MFG LOCATION          XX
5. ORDER TYPE            X
6. STARTING ORDER NUMBER XXXXXXXXXX
   ENDING ORDER NUMBER   XXXXXXXXXX

FIELD # TO CHANGE X
```

Sample Screen Formats for Base Material Requirements Planning—DIBOL for DEC PDP-11s—Release 1.0

MASTER SCHEDULE MAINTENANCE
POST FORECAST ORDERS (1)

PLEASE ENTER:

1. STARTING ITEM NUMBER XXXXXXXXXXXXXXXX
ENDING ITEM NUMBER XXXXXXXXXXXXXXXX
2. PRODUCT CATEGORY XX
3. STARTING DUE DATE XXXXXX
ENDING DUE DATE XXXXXX
4. MFG LOCATION XX

FIELD # TO CHANGE X

MASTER SCHEDULE MAINTENANCE
POST PURCHASE ORDERS

There were XXXX Purchase Orders posted which contained negative order quantities. Each of these were converted to Forecast Orders with corresponding positive order quantities.

CR TO CONTINUE

FORECAST ORDERS MAINTENANCE

PLEASE SELECT APPLICATION X

1. ADD FORECAST ORDERS
2. CHANGE/INQUIRE FORECAST ORDERS
3. DELETE FORECAST ORDERS
4. PRINT FORECAST ORDERS
5. PURGE FORECAST ORDERS

```
FORECAST ORDERS MAINTENANCE
ADD (1)

PLEASE ENTER:

1. ITEM NUMBER      XXXXXXXXXXXXXXXX
   DESCRIPTION      XXXXXXXXXXXXXXXXXXXXXXXXXXXX
   PRODUCT CATG     XX
   MFG LOCATION     XX
2. ORDER DUE DATE  XX/XX/XX
   ORDER TYPE       X XXXXXXXXXX
3. ORDER NUMBER     XXXXXXXXXX
4. ORDER QUANTITY  XXXXXX

FIELD # TO CHANGE  XX
```

```
FORECAST ORDERS MAINTENANCE
PRINT FORECAST ORDERS

PLEASE ENTER:

1. STARTING ITEM NUMBER XXXXXXXXXXXXXXXX
   ENDING ITEM NUMBER   XXXXXXXXXXXXXXXX
2. PRODUCT CATEGORY     XX
3. STARTING DUE DATE    XXXXXX
   ENDING DUE DATE      XXXXXX
4. MFG LOCATION        XX

FIELD # TO CHANGE
```

```
FORECAST ORDERS MAINTENANCE
PURGE FORECAST ORDERS

PLEASE ENTER:

1. STARTING ITEM NUMBER XXXXXXXXXXXXXXXX
   ENDING ITEM NUMBER   XXXXXXXXXXXXXXXX
2. PRODUCT CATEGORY     XX
3. STARTING DUE DATE    XX/XX/XX
   ENDING DUE DATE      XX/XX/XX
4. MFG LOCATION        XX

FIELD # TO CHANGE
```

Sample Screen Formats for Base Material Requirements Planning—DIBOL for DEC PDP-11s—Release 1.0

REGENERATE MATERIAL PLAN

The Regeneration Process will open two files in "output", basing the filesize in part on a multiplication factor entered by the user. This factor should be sufficiently large to prevent halting of the Regeneration run due to insufficient disk space.

ENTER MULTIPLICATION FACTOR XXX

ANY CHANGE ? X

Remarks: PRESSING RETURN DEFAULTS TO 50.

REGENERATE MATERIAL PLAN

LAST PLAN DATE XX/XX/XX

CHOOSE FORMULA FOR QUANTITY AVAILABLE X

- A. AVAILABLE = ON HAND
- B. AVAILABLE = ON HAND - ALLOCATED
- C. AVAILABLE = ON HAND + ON ORDER
- D. AVAILABLE = ON HAND + ON ORDER - ALLOCATED
- E. AVAILABLE = ZERO

ANY CHANGE ? X

MATERIAL REQUIREMENTS REPORT

PLEASE ENTER:

| | | | |
|---------------------|----------------|-------------------------|-----|
| 1. STARTING ITEM # | XXXXXXXXXXXXXX | 8. BUYER / ANALYST | XX |
| ENDING ITEM # | XXXXXXXXXXXXXX | 9. CALENDAR NUMBER | X |
| 2. STARTING LL CODE | XX | 10. STARTING PERIOD | XXX |
| ENDING LL CODE | XX | 11. # SPACES BET ITEMS | X |
| 3. PRODUCT CATEGORY | XX | 12. GROSS REQUIREMENTS | X |
| 4. ABC CATEGORY | X | 13. PROJECTED INVENTORY | X |
| 5. PURCH / MFG | X | 14. EXPECTED RECEIPTS | X |
| 6. NEG WITHIN LD TM | X | 15. CUMULATIVE RECEIPTS | X |
| +/- # OF DAYS | XXX- | 16. NET INVENTORY | X |
| 7. NEG BY PERIOD | XX | 17. PLANNED ORDERS | X |
| FIELD # TO CHANGE | XX | | |

CALENDAR MAINTENANCE

PLEASE SELECT APPLICATION X

1. ADD A NEW YEAR
2. CHANGE/INQUIRE EXISTING YEAR
3. PURGE OLDEST YEAR (XXXX)
4. PRINT CALENDAR REPORT

CALENDAR MAINTENANCE
ADD

ADDING NEW CALENDAR YEAR XXXX

PLACE A "C" BY EACH DAY OF THE WEEK INDICATING
A DAY WHERE THE SHOP IS NORMALLY CLOSED:

S M T W T F S
X X X X X X X

ANY CHANGE ? X

CALENDAR MAINTENANCE
CHANGE/INQUIRE

PLEASE ENTER:

1. YEAR XXXX
2. CALENDAR X
3. MONTH XX

1. SHOP DAYS
2. SHOP PERIODS
3. CALENDAR NO. 3
4. CALENDAR NO. 4

FIELD # TO CHANGE XX

CALENDAR MAINTENANCE
CHANGE/INQUIRE

CALENDAR NO. X
XXXXXXXXXX, XXXX

| SUN | MON | TUE | WED | THUR | FRI | SAT |
|----------|----------|----------|----------|----------|----------|----------|
| | | | | | | 1 (XXX) |
| 2 (XXX) | 3 (XXX) | 4 (XXX) | 5 (XXX) | 6 (XXX) | 7 (XXX) | 8 (XXX) |
| 9 (XXX) | 10 (XXX) | 11 (XXX) | 12 (XXX) | 13 (XXX) | 14 (XXX) | 15 (XXX) |
| 16 (XXX) | 17 (XXX) | 18 (XXX) | 19 (XXX) | 20 (XXX) | 21 (XXX) | 22 (XXX) |
| 23 (XXX) | 24 (XXX) | 25 (XXX) | 26 (XXX) | 27 (XXX) | 28 (XXX) | 29 (XXX) |
| 30 (XXX) | 31 (XXX) | | | | | |

X = EXCLUDE A SHOP DAY I = INCLUDE A CLOSED DAY (1)
FIELD # TO CHANGE XX (2)
ANY CHANGE ? X (2)

MRP SPECIAL FUNCTIONS

PLEASE SELECT APPLICATION X

1. PRINT SPOOLED REPORTS
2. DISPLAY MRP FILE CONTROL DATA

DISPLAY MRP FILE CONTROL DATA

| | FILENAME | LENGTH | SORTED | USED | MAX | DELETIONS |
|--------------------|----------|--------|--------|------|------|-----------|
| MASTER SCHEDULE | MASCHD | XXX | .XXXX | XXXX | XXXX | XXX |
| FORECAST ORDERS | FORCST | XXX | XXXX | XXXX | XXXX | XXX |
| REQUIREMENTS INDEX | REQIDX | XXX | XXXX | XXXX | XXXX | XXX |
| CALENDAR | CALNDR | XXX | XXXX | XXXX | XXXX | XXX |

CR TO CONTINUE

Sample Print-Outs for Base Material Requirements Planning—DIBOL for DEC PDP-11s—Release 1.0

RUN DATE: XX-XXX-XX TIME: XX:XX XX X-----COMPANY NAME-----X TERM #XX SEQ #XXX PAGE XXX
CALENDAR REPORT

XXXXXXXXXXXXXXXXXXXX

XXXXXXXXXX, XXXX

| S | M | T | W | TH | F | S |
|----------|----------|----------|----------|----------|----------|----------|
| | | | | | | 1 (XXX) |
| 2 (XXX) | 3 (XXX) | 4 (XXX) | 5 (XXX) | 6 (XXX) | 7 (XXX) | 8 (XXX) |
| 9 (XXX) | 10 (XXX) | 11 (XXX) | 12 (XXX) | 13 (XXX) | 14 (XXX) | 15 (XXX) |
| 16 (XXX) | 17 (XXX) | 18 (XXX) | 19 (XXX) | 20 (XXX) | 21 (XXX) | 22 (XXX) |
| 23 (XXX) | 24 (XXX) | 25 (XXX) | 26 (XXX) | 27 (XXX) | 28 (XXX) | 29 (XXX) |
| 30 (XXX) | | | | | | |