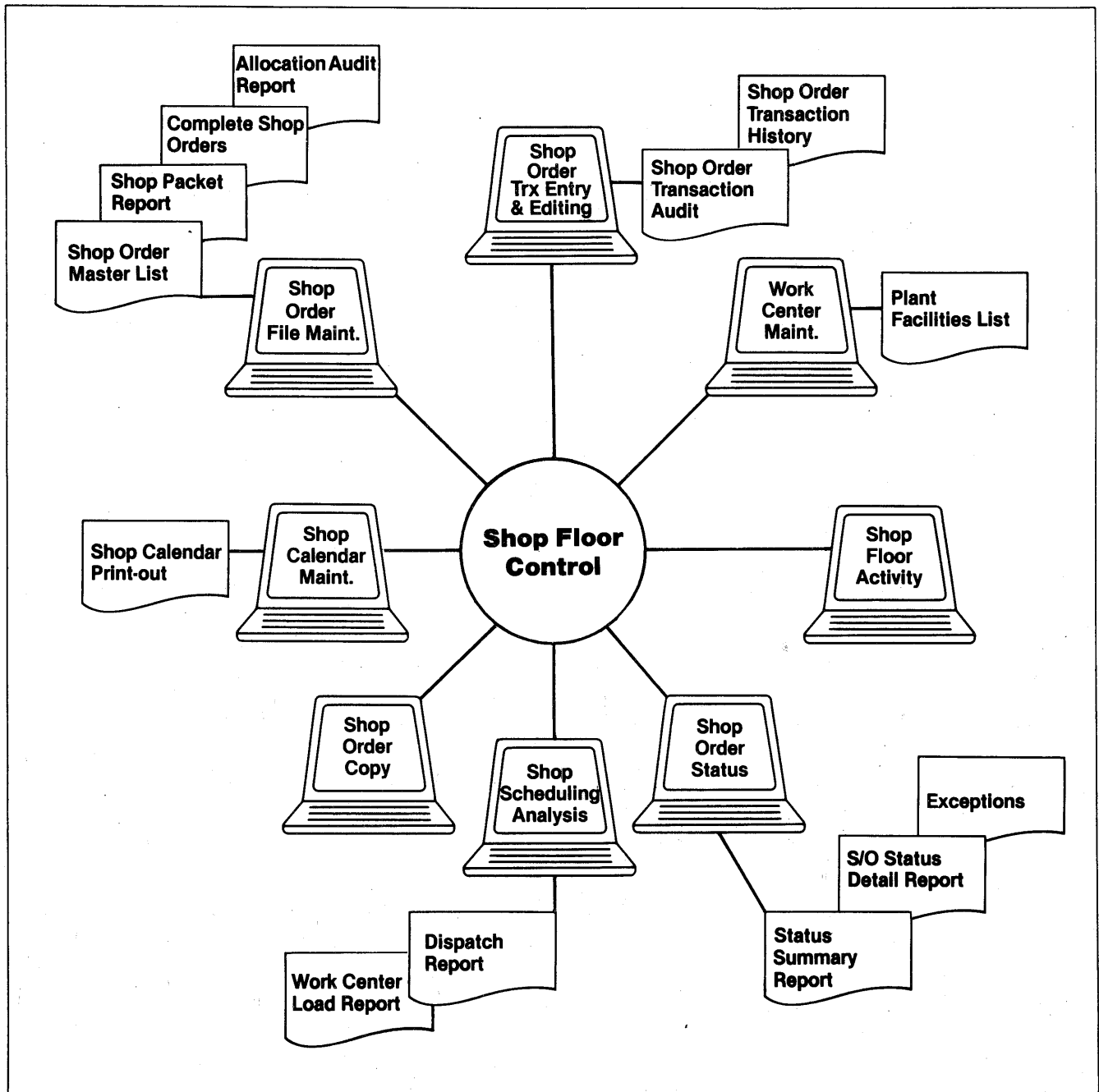


SHOP FLOOR CONTROL

with Capacity Requirements Planning
in DIBOL®



Sample Screen Formats for Shop Floor Control—DIBOL for DEC PDP-11s—Release 1

SHOP FLOOR MENU

PLEASE SELECT APPLICATION X

1. SHOP ORDER FILE MAINTENANCE
2. SHOP ORDER TRANSACTION ENTRY AND EDITING
3. WORK CENTER MAINTENANCE
4. SHOP FLOOR ACTIVITY REPORTING
5. SHOP ORDER STATUS
6. SHOP SCHEDULING ANALYSIS
7. SHOP ORDER COPY
8. SHOP CALENDAR MAINTENANCE
9. RESET ALLOCATION FIELDS

SHOP ORDER FILE MAINTENANCE

PLEASE SELECT APPLICATION X

1. ADD NEW SHOP ORDER(S)
2. CHANGE/INQUIRE SHOP ORDER(S)
3. DELETE SHOP ORDER(S)
4. PRINT OUT SHOP ORDER(S)
5. SHOP ORDER COMPLETE, CANCEL OR PURGE
6. RELEASE SHOP ORDER(S)
7. ALLOCATE/DEALLOCATE SHOP ORDER(S)

SHOP ORDER FILE MAINTENANCE
ADD,CHANGE/INQUIRE,DELETE

1. LOCATION	XX	11. ENG RELS NO	XXXXX	19. LEAD TIME	XX.X
2. SHOP ORDER	XXXXXXXX	12. DRAWING REV	XX	20. ABC CODE	X
3. ITEM NO	XXXXXXXXXXXXXX			21. STOCKED	X
4. ITEM DESCR	XXXXXXXXXXXXXXXXXXXXXXXXXXXX			22. CONTROLLED	X
5. START DATE	XX/XX/XX	13. ROUTING REL	XXXXX	23. SCH METHOD	X
6. DUE DATE	XX/XX/XX	14. ROUTING REV	XX	24. COMPLETED	XXX,XXX
7. ORDER QTY	XXX,XXX	15. UNIT OF MEAS	XX	25. LAST TRX	XX/XX/XX
8. ORDER REF #	XXXXXXX	16. BUYER/ANALYST	XX	26. STD ACCUM	XXXX,XXX.X
9. JOB NUMBER	XXXXXX	17. ORDER TYPE	X	27. ACT ACCUM	XXXX,XXX.X
10. JOB SEQ #	XXXX	18. STATUS	X		

FIELD # TO CHANGE XX (1)

Sample Screen Formats for Shop Floor Control—DIBOL for DEC PDP-11s—Release 1

```
SHOP ORDER FILE MAINTENANCE
ALLOCATE/DEALLOCATE SHOP ORDER(S)

ENTER LOCATION CODE      XX
ENTER SHOP ORDER NUMBER  XXXXXXXXX
ITEM NUMBER              XXXXXXXXXXXXXXXX
ITEM DESCR               XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ORDER QTY                XXX,XXX
DUE DATE                 XX/XX/XX
START DATE               XX/XX/XX
ORDER TYPE               X   STATUS   X
ALLOCATE OR DEALLOCATE (A/D) ?   X
ANY CHANGE ?            X
```

```
SHOP ORDER FILE MAINTENANCE
RELEASE SHOP ORDER

ENTER LOCATION CODE      XX
ENTER SHOP ORDER NUMBER  XXXXXXXXX
ITEM NUMBER              XXXXXXXXXXXXXXXX
ITEM DESCR               XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ORDER QTY                XXX,XXX
DUE DATE                 XX/XX/XX
START DATE               XX/XX/XX
ORDER TYPE               X   STATUS   X
DO YOU WISH TO ALLOCATE INVENTORY ?   X
ANY CHANGE ?            X
ALREADY RELEASED, REPRINT?
CANNOT RELEASE BASE ORDERS
WARNING: JOB REFERENCE NUMBER NOT IN JOBCST FILE
```

```
SHOP ORDER FILE MAINTENANCE
COMPLETE, CANCEL, OR PURGE

PLEASE SELECT APPLICATION X
1. MARK SHOP ORDERS AS COMPLETED
2. CANCEL SHOP ORDERS
3. LIST COMPLETED SHOP ORDERS
4. PURGE DELETED, CANCELLED, OR COMPLETED ORDERS
```

Sample Screen Formats for Shop Floor Control—DIBOL for DEC PDP-11s—Release 1

SHOP ORDER TRANSACTION ENTRY AND EDITING

PLEASE SELECT APPLICATION X

1. ENTER NEW TRANSACTIONS
2. CHANGE EXISTING TRANSACTIONS
3. DELETE EXISTING TRANSACTIONS
4. PRINT TRANSACTION EDIT LIST
5. POST TRANSACTIONS TO MAIN FILE
6. PRINT TRANSACTIONS HISTORY

SHOP ORDER TRANSACTION ENTRY AND EDITING
ADD, CHANGE/INQUIRE, DELETE

1. LOC XX 2. SHOP ORDR XXXXXX-XX 3. TRX TYP X 4. S/O REC TYP X
XX

TRANSACTION TYPES:

1. ADD S/O RECORD
2. CHANGE S/O RECORD
3. DELETE S/O RECORD

SHOP ORDER TRANSACTION ENTRY AND EDITING
PRINT TRANSACTION HISTORY

1	BEGINNING LOCATION	XX	
2	ENDING LOCATION	XX	
3	BEGINNING SHOP ORDER	XXXXXX-XX	
4	ENDING SHOP ORDER	XXXXXX-XX	
5	TRANSACTION TYPE	X	1. OPERATIONS
			2. MATERIALS
			3. NOTES

FIELD # TO CHANGE XX

Sample Screen Formats for Shop Floor Control—DIBOL for DEC PDP-11s—Release 1

```

SHOP ORDER TRANSACTION ENTRY AND EDITING
ADD,CHANGE/INQUIRE,DELETE

      1. LOC XX   2. SHOP ORDR XXXXXXX-XX   3. TRX TYP X   4. S/O REC TYP X
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

                                SHOP ORDER RECORD TYPES:
                                1. S/O OPERATION RECORD
                                2. S/O MATERIAL RECORD
                                3. S/O NOTE RECORD
    
```

```

SHOP ORDER TRANSACTION ENTRY AND EDITING
ADD,CHANGE/INQUIRE,DELETE (1)

                                (1)
                                XXXXXX OPERATION RECORD

      1. LOC XX   2. SHOP ORDR XXXXXXX-XX   3. TRX TYP X   4. S/O REC TYP X
5. OP DESC XXXXXXXXXXXXXXXXXXXXXXXXXXXXX 20. STD MCH XXXXXX 28. USR CD XXXX
6. OP #   XX    13. U/M      XX           21. ACT MCH XXXXXX 29. QUE TM XXX
7. DEPT  XX    14. Q REJCT XXXXXX 22. MACH # XXXX 30. PRITY XXX
8. W/C   XX    15. Q SCRAP XXXXXX 23. LBR GDE XX 31. CNT PT X
9. OP TYPE X   16. START  XXXXXX 24. # MEN  XX 32. STATUS X
10. OP SUBT X  17. DUE    XXXXXX 25. SET UP X 33. EST CD X
11. Q Cmpl XXXXXX 18. STD MAN XXXXXXXX 26. WC LOAD X 34. PC/HR XXXX
12. Q ORDR XXXXXX 19. ACT MAN XXXXXXXX 27. REF # XXXXXXXX

FIELD # TO CHANGE XX
    
```

```

SHOP ORDER TRANSACTION ENTRY AND EDITING
ADD,CHANGE/INQUIRE,DELETE (1)

                                (1)
                                XXXXXX MATERIAL RECORD

      1. LOC XX   2. SHOP ORDR XXXXXXX-XX   3. TRX TYP X   4. S/O REC TYP X
5. OP #   XX
6. SEQ #   XX
7. COMPONENT ITEM XXXXXXXXXXXXXXXXXXXX 13. COMPONENT REF XXXXXXXX
8. COMPONENT DESC XXXXXXXXXXXXXXXXXXXXXXXXXXXX 14. QUANTITY USED XXXXXX
9. NEED DATE   XXXXXX 15. PRIMARY LOC XXX
10. SUMM QTY PER XXXXXXX 16. STOCKED X
11. UNIT OF MEASURE XX 17. CONTROLLED X
12. BUYER/ANALYST XX 18. MATERIAL CD XX
19. SUB COMPONENT X

FIELD # TO CHANGE XX
    
```

Sample Screen Formats for Shop Floor Control—DIBOL for DEC PDP-11s—Release 1

WORK CENTER FILE MAINTENANCE

PLEASE SELECT APPLICATION X

1. ADD NEW W/C RECORD(S)
2. CHANGE/INQUIRE W/C RECORD(S)
3. DELETE W/C RECORD(S)
4. PRINT OUT W/C RECORD(S)

WORK CENTER FILE MAINTENANCE
ADD, CHANGE/INQUIRE, DELETE

1. LOCATION	XX	9. QUEUE TIME	XX.X
2. DEPARTMENT NO	XX	10. CAPACITY HR/DAY	XX.X
3. WORK CENTER NO	XX	11. EFF. FACTOR	X.XX
4. MACHINE NO	XXXX	12. SET UP CLASS	X
5. DESCRIPTION	XXXXXXXXXXXXXXXXXXXXXXXXXXXX		
6. LABOR GRADE	XX	13. LOAD CODE	X
7. SET UP LAB GDE	XX	14. USER CODE	XXXX
8. NUMBER OF MEN	XX		

FIELD # TO CHANGE X (1)

SHOP FLOOR ACTIVITY REPORTING

PLEASE SELECT APPLICATION X

1. SHOP FLOOR LABOR REPORTING
2. SHOP FLOOR MATERIAL REPORTING

Sample Screen Formats for Shop Floor Control—DIBOL for DEC PDP-11s—Release 1

```

SHOP FLOOR ACTIVITY REPORTING
LABOR

      1. LOCATION          XX
      2. SHOP ORDER NO    XXXXXXXXX
      3. OPERATION NO     XX      (1) XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      4. MACHINE NO       XXXX
      5. EMPLOYEE NO      XXXXXXXXX
      6. LABOR GRADE      XX
      7. MAN HOURS        X,XXX.X-
      8. MACHINE HOURS    XXXX.XX-
      9. QTY COMPLETED   XXX,XXX-
     10. QTY REJECTED    XXX,XXX-
     11. QTY SCRAPPED    XXX,XXX-
     12. OPER COMPLETE ? X

FIELD # TO CHANGE X
    
```

```

SHOP FLOOR ACTIVITY REPORTING
MATERIAL

WARNING: Automatic Material Issue option has been installed.
Material reporting is done automatically via LABOR REPORTING
unless component substitutions need to be entered.

DO YOU WISH TO CONTINUE ? X
    
```

```

SHOP FLOOR ACTIVITY REPORTING
MATERIAL

      1. LOCATION          XX
      2. SHOP ORDER NO    XXXXXXXXX
      3. OPERATION NO     XX      (2) XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      (1) 4. COMPONENT (PLN) XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                                   (3)
      5. SUBSTITUTE ?     X
      6. QTY USED/UNIT MEAS XXX,XXX- XX
      7. MATERIAL CODE    XX
      (4) 8. QTY PER PARENT? XXXXXXXX

FIELD # TO CHANGE X
    
```

Sample Screen Formats for Shop Floor Control—DIBOL for DEC PDP-11s—Release 1

SHOP ORDER STATUS

PLEASE SELECT APPLICATION X

1. DISPLAY SHOP ORDER STATUS SUMMARY
2. PRINT SHOP ORDER STATUS SUMMARY
3. DISPLAY OPERATION STATUS
4. PRINT DETAIL REPORT
5. PRINT EXCEPTION REPORT(S)

SHOP ORDER STATUS
SUMMARY

1. LOCATION	XX	7. DUE DATE	XX/XX/XX
2. SHOP ORDER	XXXXXXXXXX	8. DATE STARTED	XX/XX/XX
3. STATUS	X	9. STD ACCUM HOURS	XXXX,XXX.X
4. PARENT ITEM	XXXXXXXXXXXXXXXXXX	10. ACTUAL ACCUM HOURS	XXXX,XXX.X
5. REF NUMBER	XXXXXXXXXX		
6. ORDER QTY	XXX,XXX XX (1)		
7. COMPLETED	XXX,XXX		

CARRIAGE RETURN TO CONTINUE

SHOP ORDER STATUS
OPERATION STATUS

LOC XX	SHOP ORDER	XXXXXXXXXX	PARENT	XXXXXXXXXXXXXXXXXX	REF NO.	XXXXXXXXXX
OP	OP DESCRIPTION		STATUS	ORDERED	COMPLETE	MAN HOURS
	START	DUE		UM	STD HRS	ACT HRS
XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX/XX/XX	X	XXX,XXX-	XXX,XXX-	XXXX,XXX.X
		XX/XX/XX		XX		XXXX,XXX.X
XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX/XX/XX	X	XXX,XXX-	XXX,XXX-	XXXX,XXX.X
		XX/XX/XX		XX		XXXX,XXX.X
XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX/XX/XX	X	XXX,XXX-	XXX,XXX-	XXXX,XXX.X
		XX/XX/XX		XX		XXXX,XXX.X

PRESS TAB KEY FOR MORE OPERATIONS

Sample Screen Formats for Shop Floor Control—DIBOL for DEC PDP-11s—Release 1

SHOP ORDER STATUS
EXCEPTIONS REPORT

REPORT TYPE X

- 1 = QUANTITY VARIANCE
- 2 = HOURS VARIANCE
- 3 = SCRAP VARIANCE
- 4 = SCHEDULE VARIANCE

(1) DEVIATION PERCENTAGE XXX %

ANY CHANGE ? X

THERE NO OPERATIONS WITH SPECIFIED VARIANCES

SHOP SCHEDULING ANALYSIS

SELECT APPLICATION X

- 1. CHANGE OPERATION SCHEDULE
- 2. CHANGE JOB/SHOP ORDER SCHEDULE
- 3. PRINT DISPATCH LIST
- 4. WORK CENTER LOAD CALCULATION
- 5. WORK CENTER LOAD REPORT
- 6. POST CALCULATED DATES

SHOP SCHEDULING ANALYSIS
CHANGE OPERATION SCHEDULE

1. LOC:XX 2. SHOP ORDER:XXXXXXXXX TYPE:X STS:X REF#:XXXXXXXXX JOB:XXXXXX-XXXX
ITEM: XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX SCH MTHD:X B/A:XX
DATES: START XX/XX/XX QTY: ORDERED ZZZ,ZZX XX HOURS STD: XXXX,XXX.X
DUE XX/XX/XX COMPLETE ZZZ,ZZX ACT: XXXX,XXX.X

3. OPER: XX. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX DPT:XX W/C:XX MACH:XXXX STS:X
QTY: ORD XXXX,XXX SCRIP XXXX,XXX REJ XXXX,XXX COMP XXXX,XXX REMN XXX,XXX
4. START XX/XX/XX STD HRS PER PIECE: MAN ZZ,ZZX.XXX- MACH ZZZ.XXX-
5. DUE XX/XX/XX STD HRS FOR ORDER: MAN ZZZZ,ZZX.X- MACH Z,ZZX.XX-
6. PRIORITY XXX ACT HRS RECORDED : MAN ZZZZ,ZZX.X- MACH Z,ZZX.XX-
FIELD # TO CHANGE XX

Sample Screen Formats for Shop Floor Control—DIBOL for DEC PDP-11s—Release 1

SHOP SCHEDULING ANALYSIS
CHANGE SCHEDULE

SELECT TYPE OF CHANGE X

1. JOB NUMBER (CHANGE ALL SHOP ORDERS FOR A JOB)
2. SHOP ORDER NUMBER (CHANGE AN INDIVIDUAL SHOP ORDER)

SHOP SCHEDULING ANALYSIS
CHANGE JOB SCHEDULE

1. JOB NUMBER XXXXXX
2. CHANGE IN SHOP DAYS XXX-
3. JOB QTY ADJUSTMENT FACTOR XXXXXXXX

EXAMPLE: A QUANTITY OF 1,000 WILL BECOME XXX,XXX
WHEN USING THE ABOVE ADJUSTMENT FACTOR.

ERROR: S/O XXXXXXXXX, FACTOR XXX.XXXX TOO ^{LARGE} SMALL TO SET QTY FROM XXXXXXXX
CHANGE QUANTITY/FACTOR NOT ACCEPTED CR TO RECOVER

WARNING: LOC:XX S/O:XXXXXXXX NOT CHANGED CR TO RECOVER
MUST DE-ALLOCATE BEFORE CHANGING
FIELD # TO CHANGE XX

SHOP SCHEDULING ANALYSIS
CHANGE S/O SCHEDULE

1. SHOP ORDER LOCATION XX
2. SHOP ORDER NUMBER XXXXXXXXXX
3. CHANGE IN SHOP DAYS XXX-
 SHOP ORDER QUANTITY XXX,XXX STATUS: X
4. CHANGE QUANTITY TO XXXXXX

NOTE: THIS IS AN ADJUSTMENT FACTOR OF XXX.XXXX

ERROR: S/O XXXXXXXXX, FACTOR XXX.XXXX TOO ^{LARGE} SMALL TO SET QTY FROM XXXXXXXX
CHANGE QUANTITY/FACTOR NOT ACCEPTED CR TO RECOVER

WARNING: LOC:XX S/O:XXXXXXXX NOT CHANGED CR TO RECOVER
MUST DE-ALLOCATE BEFORE CHANGING
WARNING: SHOP ORDER XXXXXXXXX IS A BASE ORDER CR TO RECOVER
NEW QUANTITY MUST BE LESS THAN (1000 X OLD QUANTITY)
FIELD # TO CHANGE XX

Sample Screen Formats for Shop Floor Control—DIBOL for DEC PDP-11s—Release 1

SHOP SCHEDULING ANALYSIS
WORK CENTER LOAD REPORT

SELECTION CRITERIA

1. YEAR FROM: XXX THRU: XXX
2. SHOP PERIOD FROM: XXX THRU: XXX
3. LOCATION FROM: XX THRU: XX
4. DEPARTMENT FROM: XX THRU: XX
5. WORK CENTER FROM: XX THRU: XX
6. ORDER STATUS (1-RELEASED, 2-UNRELEASED, 3-BOTH) X
7. ORDER TYPE (1-PRODUCTIVE, 2-TRIAL, 3-BOTH) X
8. REPORT TYPE (1-SUMMARY, 2-DETAIL) X
9. CALCULATE OVERLOADED WORK CENTERS ? (Y/N) X

FIELD # TO CHANGE XX

SHOP SCHEDULING ANALYSIS
WORK CENTER LOAD POSTING

This program will post operation dates and
material Need-dates from the Work Center
Load file to the Shop Order file.
DO YOU WISH TO CONTINUE? X

SHOP SCHEDULING ANALYSIS
DISPATCH LIST REPORT

SELECTION CRITERIA

1. THRU SHOP DUE DATE XX/XX/XX
2. LOCATION FROM: XX THRU: XX
3. DEPARTMENT FROM: XX THRU: XX
4. WORK CENTER FROM: XX THRU: XX
5. ORDER STATUS (1-RELEASED, 2-UNRELEASED, 3-BOTH) X
6. ORDER TYPE (1-PRODUCTIVE, 2-TRIAL, 3-BOTH) X

FIELD # TO CHANGE XX

Sample Screen Formats for Shop Floor Control—DIBOL for DEC PDP-11s—Release 1

SHOP CALENDAR MAINTENANCE

PLEASE SELECT FUNCTION X

1. ADD A NEW YEAR
2. CHANGE AN EXISTING YEAR
3. PURGE OLDEST YEAR (XXXX)
4. PRINT SHOP CALENDAR

SHOP CALENDAR MAINTENANCE
ADD MODE

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

SHOP CALENDAR MAINTENANCE
CHANGE MODE

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

FIELD # TO CHANGE XX

Sample Print-Outs for Shop Floor Control—DIBOL for DEC PDP-11s—Release 1

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

WORK CENTER LOAD REPORT

SHOP PERIOD XXX SUMMARY

LOC	DEPT	WC NO	SETUP HOURS	MACH HOURS	MAN HOURS
XX	XX	XX	ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X
			XX ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X
			XX ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X
DEPT	TOTAL		ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X
XX	XX	XX	ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X
			XX ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X
			XX ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X
			XX ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X
DEPT	TOTAL		ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X
LOC	TOTAL		ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X
PER	TOTAL		ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X

****WORK CENTER OVERLOAD****

GRAND TOTAL ZZ,ZZX.XX ZZ,ZZX.XX ZZZ,ZZX.X (1)

Remarks: (1) GRAND TOTAL PRINTED ON SEPARATE PAGE AT END OF REPORT. PAGE BREAK BY SHOP PERIOD.

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

ALLOCATION AUDIT REPORT FOR LOC: XX

SHOP ORDER	OP SEQ	PART NUMBER	DESCRIPTION	DUPLICATE	DATE	UM	ORD-QTY	ON-HAND	OLD ON-ORDR	OLD AVAIL	NEW ON-ORDR	NEW AVAIL	STS
XXXXXXXXXX		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX/XX/XX	XX	XXX,XXX-	XXX,XXX-XXX,XXX-	XXX,XXX-XXX,XXX-	XXX,XXX-XXX,XXX-	XXX,XXX-			X
XX	XX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX/XX/XX	XX	XXX,XXX-	XXX,XXX-XXX,XXX-	XXX,XXX-XXX,XXX-	XXX,XXX-			XXX,XXX-	X
XX	XX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX/XX/XX	XX	XXX,XXX-	XXX,XXX-XXX,XXX-	XXX,XXX-XXX,XXX-	XXX,XXX-			XXX,XXX-	X
			NON-CONTROLLED										
XX	XX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX/XX/XX	XX	XXX,XXX-	XXX,XXX-XXX,XXX-	XXX,XXX-XXX,XXX-	XXX,XXX-			XXX,XXX-	X
			ITEM NOT FOUND										
XX	XX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX/XX/XX	XX	XXX,XXX-	XXX,XXX-XXX,XXX-	XXX,XXX-XXX,XXX-	XXX,XXX-			XXX,XXX-	X
			SUBSTITUTE										

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

WORK CENTER LOAD REPORT

SHOP PERIOD XXX DETAIL

LOC	DEPT	WC NO	SETUP HOURS	MACH HOURS	MAN HOURS	SHOP ORDER ORDER #	PARENT ITEM #	S T P	START DATE	U O P	OPERATION DESCRIPTION	REMAIN QTY	U M	
XX	XX	XX	ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X	XXXXXXXXXX	XXXXXXXXXXXXXXXXXX	X X	XX/XX/XX	* XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ZZZ,ZZX	XX	
			ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X	XXXXXXXXXX	XXXXXXXXXXXXXXXXXX	X X	XX/XX/XX	* XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ZZZ,ZZX	XX	
			ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X	XXXXXXXXXX	XXXXXXXXXXXXXXXXXX	X X	XX/XX/XX	* XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ZZZ,ZZX	XX	
XX	XX	XX	ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X	WORK CENTER TOTAL								
XX	XX	XX	ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X	XXXXXXXXXX	XXXXXXXXXXXXXXXXXX	X X	XX/XX/XX	* XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ZZZ,ZZX	XX	
			ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X	XXXXXXXXXX	XXXXXXXXXXXXXXXXXX	X X	XX/XX/XX	* XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ZZZ,ZZX	XX	
			ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X	XXXXXXXXXX	XXXXXXXXXXXXXXXXXX	X X	XX/XX/XX	* XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ZZZ,ZZX	XX	
			ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X	XXXXXXXXXX	XXXXXXXXXXXXXXXXXX	X X	XX/XX/XX	* XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ZZZ,ZZX	XX	
XX	XX	XX	ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X	WORK CENTER TOTAL							****WORK CENTER OVERLOAD****	
DEPT	TOTAL		ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X									
LOC	TOTAL		ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X									
PER	TOTAL		ZZ,ZZX.XX	ZZ,ZZX.XX	ZZZ,ZZX.X									

Sample Print-Outs for Shop Floor Control—DIBOL for DEC PDP-11s—Release 1

RUN DATE: XX-XXX-XX TIME: XX:XX XM X-----YOUR COMPANY NAME-----X TERM #XX SEQ #XXX PAGE XXX

SHOP FLOOR TRANSACTION EDIT LIST: OPERATIONS

LOC CD	SHOP-ORDER DATE	OP SQ DPT DESCRIPTION	WC TS	USER	MACH	COMPLETE ORDERED	UM	REJECT SCRAP	START DUE	STD-MAN-HR ACT-MAN-HR	STD-HR ACT-HR	MEN LG	SET-UP WCLC	REF #	QT PRTY	CP	STS
XX	XXXXXXXXXX	XX 00 XX XX XX XXXX XXXX				ZZZ,ZZX-	XX	ZZZ,ZZX-	ZX/XX/XX	Z,ZZZ.XXXX	ZZ.XXXX	XX	X	XXXXXXXXXX	ZZ.X	X	X
XX	ZX/XX/XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				ZZZ,ZZX		ZZZ,ZZX-	ZX/XX/XX	ZZZ,ZZX.X-	ZZZX.XX-	XX	X		ZZX		

RUN DATE: XX-XXX-XX TIME: XX:XX XM X-----YOUR COMPANY NAME-----X TERM #XX SEQ #XXX PAGE XXX

SHOP FLOOR TRANSACTION EDIT LIST: MATERIALS

TRANSACTION CD	SHOP DATE	LOC	ORDER	OP SEQ NO	ITEM DESCRIPTION	SUMM QTY	UM	NEED DATE	QTY USED	S	C	REF NUMBER	PRM BA	SCRAP MC	FAC	
XX	XX/XX/XX	XX	XXXXXXXXXX	XX XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	ZZZX.XXX	XX	XX/XX/XX	ZZZ,ZZX-X	X	X	XXXXXXXXXX	XX	XX	XX	ZZX

RUN DATE: XX-XXX-XX TIME: XX:XX XM X-----YOUR COMPANY NAME-----X TERM #XX SEQ #XXX PAGE XXX

SHOP FLOOR TRANSACTION EDIT LIST: NOTES

TRANSACTION CD	SHOP DATE	LOC	ORDER	OP SEQ NO	ITEM DESCRIPTION	STS
XX	XX/XX/XX	XX	XXXXXXXXXX	XX XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	X

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

SHOP ORDER STATUS SUMMARY

LOC	SHOP ORDER	PARENT STATUS	NUMBER	REF NUMBER	ORDER QTY	COMPLETED QTY	UM	DUE DATE	DATE STARTED	STANDARD ACCUM HOURS	ACTUAL ACCUM HOURS
XX	XXXXXXXXXX	X	XXXXXXXXXXXXXXXXXX	XXXXXXXXXX	XXX,XXX-	XXX,XXX-	XX	XX/XX/XX	XX/XX/XX	XXX,XXX.X	XXX,XXX.X
XX	XXXXXXXXXX	X	XXXXXXXXXXXXXXXXXX	XXXXXXXXXX	XXX,XXX-	XXX,XXX-	XX	XX/XX/XX	XX/XX/XX	XXX,XXX.X	XXX,XXX.X

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

SHOP ORDER STATUS DETAIL REPORT

LOC	SHOP ORDER	T Y	ORDER P	PARENT QTY	ITEM UM	DESCRIPTION	S M T T	COMPL S H	JOB QTY	JOB SEQ	B/A	LAST TRX-DATE	REF NUMBER	ACCUMULATED HOURS STANDARD	ACTUAL	START DUE	RLSE ENGRING ROUTING	RVSN T T	S C K L	
XX	XXXXXXXXXX	X	ZZZ,ZZX-XX	XXXXXXXXXXXXXXXXXX	X	XZZZZZ XXXXX	XXXX	XX	XX/XX/XX	XXXXXXXXXX	ZZZZ,ZZX-	ZZZZ,ZZX-XX/XX/XX	XXXX	XX	X	X	XXXX	XX	X	X
XX	XXXXXXXXXXXXXXXXXX	XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	ZZZ,ZZX-XX/XX/XX	ZZZX.XXX	ZZZ,ZZX-ZZZ,ZZX-	X	X	X	X	XXXXXXXXXX	XX	XXX	XX	XXX	XX	XXX	XX	XXX	XX
XX	XXXXXXXXXXXXXXXXXX	XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	ZZZ,ZZX-XX/XX/XX	ZZZX.XXX	ZZZ,ZZX-ZZZ,ZZX-	X	X	X	X	XXXXXXXXXX	XX	XXX	XX	XXX	XX	XXX	XX	XXX	XX

OP NO	SEQ NO	WC NO	OP TY	COMPLETED ORDERED	UM	DESCRIPTION	REJECT SCRAP	START DUE	STD-MAN-HRS ACT-MAN-HRS	STD-HRS ACT-HRS	MACH NO	LB NO	GD	REF U LD NUMBER	USER CODE	QT P	C S		
XX	XX	XX	XX	ZZZ,ZZX-XX	ZZZ,ZZX-XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	ZZZ,ZZX-XX/XX/XX	ZZZZZ.XXXX-	ZX.XXXX	XXXX	XX	ZX	X	X	XXXXXXXXXX	XXXX	ZZ.X	X	X
XX	XX	XX	XX	ZZZ,ZZX-XX	ZZZ,ZZX-XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	ZZZ,ZZX-XX/XX/XX	ZZZZZ.XXXX-	ZX.XXXX	XXXX	XX	ZX	X	X	XXXXXXXXXX	XXXX	ZZ.X	X	X
XX	XX	XX	XX	ZZZ,ZZX-XX	ZZZ,ZZX-XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	ZZZ,ZZX-XX/XX/XX	ZZZZZ.XXXX-	ZX.XXXX	XXXX	XX	ZX	X	X	XXXXXXXXXX	XXXX	ZZ.X	X	X

Sample Print-Outs for Shop Floor Control—DIBOL for DEC PDP-11s—Release 1

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

SHOP ORDER EXCEPTIONS - QUANTITY VARIANCE (1)

REPORT INCLUDES OPERATIONS WITH A VARIANCE GREATER THAN -XXX PER CENT OF STANDARD(2)

SHOP LOC ORDER#	ITEM BEING BUILT PART# / DESCRIPTION	DUE	OPERATION OP STS TYP START DUE	QTY.VAR AMOUNT %	HRS.VAR AMOUNT %	SCRAP.VAR AMOUNT %	DAYS VAR	BAL DUE
XX XXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX/XX/XX	XX X X/X XX/XX/XX XX/XX/XX	XXX,XXX-XX,XXX.X-XXX-	XXX,XXX-XX,XXX.X-XXX-	XXX,XXX-XX,XXX.X-XXX-	XXX-XXX,XXX	XXX

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

COMPLETED SHOP ORDERS FROM XX/XX/XX THRU XX/XX/XX

SHOP LOC ORDER	PARENT ITEM/DESCRIPTION	ST TYP	QTY ORDERED COMPLETE	UM	MACH-HRS STANDARD ACTUAL	MAN-HRS STANDARD ACTUAL	START DUE COMPLETE	JOB NUMBER-SEQ#	LAST ACTIVITY	RLSE ENGRING ROUTING	RVSN BT	ASC CKL
XX XXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X X X	XXX,XXX-	XX	XXXX,XXX.X-XXXX,XXX.X-	XXXX,XXX.X-XXXX,XXX.X-	XX/XX/XX	XXXXXX XXXX	XX/XX/XX	XXXXX XX	X X X	X X X

OP NO SEQ DPT WC TYP	OPERATION-DESCRIPTION	UM	PLANNED USED	COMPLETE	REJECT	SCRAP	STD.MAN.HRS ACT.MAN.HRS	STD.MACH ACT.MACH	START END.DATE	C P	S T
XX XX XX XX XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XXXX,XXX-	XXXX,XXX	XXX,XXX	XXX,XXX	X,XXX,XXX.X-	XX,XXX,X-	XX/XX/XX	X	X

SEQ	COMPONENT-MATL	COMPONENT-DESCRIPTION	QTY/PER	PLAN/USE	STS
XX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX.XXX	XXX,XXX-	X

OP NO SEQ DPT WC TYP	OPERATION-DESCRIPTION	UM	PLANNED USED	COMPLETE	REJECT	SCRAP	STD.MAN.HRS ACT.MAN.HRS	STD.MACH ACT.MACH	START END.DATE	C P	S T
XX XX XX XX XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XXXX,XXX-	XXXX,XXX	XXX,XXX	XXX,XXX	X,XXX,XXX.X-	XX,XXX,X-	XX/XX/XX	X	X

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

MISSING COSTS - NOT TRANSFERRED TO JOB COST

SHOP LOC ORDER	JOB NUMBER	OP SEQ	MTL NO	REC SEQ	COMPONENT ITEM NUMBER	QUANTITY PLANNED	UNIT OF MEASURE	DPT	W/C	L/G	MTL CDE	TRAN DATE	ERROR MESSAGE
XX XXXXXXXXX	XXXXXX XXXX	(1)											**JOB NUMBER NOT ON FILE**

XX XXXXXXXXX	XXXXXX XXXX	XX XX	MATL	XXXXXXXXXXXXXXXXXXXX	XXXX,XXX-	XX		XX XX XX	XX XX/XX/XX	N-STOCK/CTL (ENTER QUOTE)
XX XXXXXXXXX	XXXXXX XXXX	XX XX	MATL	XXXXXXXXXXXXXXXXXXXX	XXXX,XXX-	XX		XX XX XX	XX XX/XX/XX	ITEM NOT ON INVENTORY FILE

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

PLANT FACILITIES LIST

LOC	DEPT NO	W/C NO	MACH NO	DESCRIPTION	CAPACITY (HRS/DAY)	EFFIC FACTOR	LABOR GRADE	SET UP LAB/GRD	SET UP CLASS	W/C LOAD CODE	USER CODE	QUEUE (DAYS)	# OF MEN
XX	XX	XX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX.X	X.XX	XX	XX	X	X	XXXX	XX.X	XX
XX	XX	XX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX.X	X.XX	XX	XX	X	X	XXXX	XX.X	XX