

```
C =====  
C = ROUTINE 4 =  
C =====
```

PROGRAM GEN

```
C *****:  
C * ROUTINE TO LIST JOBS READY FOR DUMPING  
C *****
```

```
CHARACTER SEMAPH * 10  
CHARACTER SPACE * 1  
CHARACTER SLINE * 87  
CHARACTER INDEX * 9  
CHARACTER S3TYPE * 6  
CHARACTER DELIM * 5  
CHARACTER LINE * 37
```

```
DATA SEMAPH          /'(AUX)SEMA '/  
DATA INDEX           /'123456789'/  
DATA SPACE           /' '/  
DATA S3TYPE          /'**  '/  
DATA DELIM           /' =  '/  
DATA LINE /'===== '/
```

```
IBELL=7B  
IBL=37B  
NORM=17B
```

```
CALL OUTCH(1,14B)  
CALL OUTCH(1,31B)  
WRITE(1,*) ' JOB-STATUS (R)-READY, (W)-WORKING :'  
WRITE(1,1100)LINE  
DO 10 I=1,9  
LUN=I+10  
SEMAPH(10:10)=INDEX(I:I)  
OPEN(LUN,ERR=500,FILE=SEMAPH,STATUS='OLD',ACCESS='R')  
REWIND LUN  
READ(LUN,1000)SLINE  
CLOSE(UNIT=LUN)  
IF(SLINE(1:1).EQ.SPACE)GOTO 10  
WRITE(1,2000)I,SLINE(1:8),DELIM,SLINE(14:53),SLINE(82:87)  
IF(SLINE(12:12).EQ.SPACE)GOTO 20  
WRITE(1,2100)IBELL,IBL,NORM  
GOTO 10
```

GENERATED OSYMB

```
200 WRITE(1,2200)
100 CONTINUE

WRITE(1,5000)
CALL COMND('LI-BA-QU 1')
WRITE(1,5100)
CALL COMND('LI-BA-QU 2')

GOTO 800

500 IERR=ERRCODE
WRITE(1,3000)SEMAPH,IERR
CALL MON64(IERR)

800 CONTINUE

1000 FORMAT(A)
1100 FORMAT(1H ,A,/)
2000 FORMAT(1H$, *JOB-*, I1, * . . . . *, A, A, A, A)
2100 FORMAT(1H$, 1X, A2, *( *, A2, *W*, A2, *)*, /)
2200 FORMAT(1H$, 1X, *(R)*, /)
3000 FORMAT(/, 1H ,*ERROR IN OPENING : *, A, /,
1 1H ,*FILE SYSTEM ERROR : *, Z3, /)
5000 FORMAT(/, 1H ,*BATCH-QUE 1*, /, 1H ,*=====*, /)
5100 FORMAT(/, 1H ,*BATCH-QUE 2*, /, 1H ,*=====*, /)

END

EOF
```