

WVS\*VORTEX(1).M,CXRF

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1 C MICROPROGRAM CROSS REFERENCE (LIMITED)
2 INTEGER CARDIN(80),WORK(7),SORTBF(15,2000),LIST(2000),SEQNO,0,
3 C
4 NSORT=0
5 10 READ (5,20,END=120) CARDIN
6 20 FORMAT (80A1)
7 SEQNO=SEQNO+1
8 IF (CARDIN(1).EQ.' ') GO TO 40
9 IF (CARDIN(1).EQ.'*') GO TO 10
10 DO 30 I=1,6
11 30 WORK(I)=CARDIN(I)
12 WORK(7)='D'
13 NSORT=NSORT+1
14 CALL CHPACK (WORK,1,SORTBF(1,NSORT),1,7)
15 FLD(6,18,SORTBF(2,NSORT))=SEQNO
16 40 DO 50 J=16,80
17 IF (CARDIN(J).NE.' ') GO TO 60
18 50 CONTINUE
19 GO TO 10
20 60 IF (CARDIN(J).NE.'/') GO TO 10
21 IF (CARDIN(J+1).EQ.'*') GO TO 10
22 WORK(7)='R'
23 I=J+2
24 70 J=0
25 IF (CARDIN(I+1).NE.'*') GO TO 90
26 DO 80 J=1,6
27 80 WORK(J)=CARDIN(J)
28 J=6
29 I=I+1
30 90 I=I+1
31 IF (CARDIN(I).NE.'') GO TO 100
32 NSORT=NSORT+1
33 SORTBF(1,NSORT)=' '
34 CALL CHPACK (WORK,1,SORTBF(1,NSORT),1,J)
35 SORTBF(2,NSORT)=WORK(7)
36 FLD(6,18,SORTBF(2,NSORT))=SEQNO
37 CALL CHPACK (CARDIN,1,SORTBF(1,NSORT),11,80)
38 GO TO 10
39 100 IF (CARDIN(I).NE.' ') GO TO 110
40 NSORT=NSORT+1
41 SORTBF(1,NSORT)=' '
42 CALL CHPACK (WORK,1,SORTBF(1,NSORT),1,J)
43 SORTBF(2,NSORT)=WORK(7)
44 FLD(6,18,SORTBF(2,NSORT))=SEQNO
45 CALL CHPACK (CARDIN,1,SORTBF(1,NSORT),11,80)
46 GO TO 70
47 110 J=MIN(6,J+1)
48 WORK(J)=CARDIN(I)
49 GO TO 90
50 C SORT TABLE
51 120 CALL INSORT (ICOMP,NSORT,LIST,K)
52 LINE=99
53 130 IF (K.EQ.0) GO TO 190
54 SEQNO=FLD(6,18,SORTBF(2,K))
55 IF (LINE.LE.50) GO TO 150
56 WRITE (6,140)
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57 140 FORMAT (' LABEL D/R SEQ')
58 LINE=0
59 150 LINE=LINE+1
60 IF (SORTBF(2,K).GT.'D') GO TO 170
61 WRITE (6,160) SORTBF(1,K),SORTBF(2,K),SEQNO
62 160 FORMAT (1X,A6,2X,A1,I6,2X,R2,13A6)
63 GO TO 180
64 170 WRITE (6,160) SORTBF(1,K),SORTBF(2,K),SEQNO,(SORTBF(1,K),I=2,15)
65 180 K=LIST(K)
66 GO TO 130
67 190 WRITE (6,200)
68 200 FORMAT (' ')
69 STOP
70 C COMPARE SUBROUTINE
71 C
72 FUNCTION ICOMP (I,J)
73 ICOMP=SORTBF(1,I)-SORTBF(1,J)
74 IF (ICOMP.NE.0) RETURN
75 ICOMP=SORTBF(2,I)-SORTBF(2,J)
76 RETURN
77 C
78 END
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CPU:022 CTP:000 SUPS:883

@MSG,N ELEMENT TYPE: 61 PFPFILE.MICXRF/MAP

@HDG,P

SOURCE DECK: 311

NTRAN/JSG

@PRT,S PFPFILE.NTRAN/JSG  
FURPUR 27-S 08/16/78 10:11:49