AGAINST THE WAR

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DCON

FUNCTION ASSIGNMENTS

STATEMENT ASSIGNMENTS
30     =  002053    40     =  002054    42     =  002056

VARIABLE ASSIGNMENTS
BLK    =  002114    DATE   =  001764    I      =  002116    MONTH  =  002076
N      =  002112    ND     =  002014    NDATE  =  002115

START OF CONSTANTS
002064

START OF TEMPORARIES
002071

START OF INDIRECTS
002075
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            SUBROUTINE PAPER(CHAR,NCHAR)
002126      COMMON /PC/ ERROR, PARERR, ENDTAPE, SAMPLE
002126      LOGICAL PARERR, ENDTAPE, SAMPLE
002126      COMMON /P/ MORE, NOPE, ISAM, II, WN, DW
002126      LOGICAL MORE, NOPE
002126      LOGICAL LBITS
002126      LOGICAL TNOPAR, LNOERR
002126      INTEGER IGNORE, COMMA, PERIOD, SOFTS, CRSG
002126      DATA    IGNORE, COMMA, PERIOD, SOFTS, CRSG
           1     / 2778,   0528,   2128,   040B,  2148 /
002126      INTEGER EOW
002126      DATA EOW  / 200B /
002126      DATA PARERR, ENDTAPE, TNOPAR, LNOERR  / 4*.F. /
            C
002126      COMMON /MC/ NT, N1, N2, NDATE, NDMY(6)
002126      COMMON /MON/ NOERR
002126      LOGICAL NOERR
002126      LOGICAL NERR
002126      DATA NOERR, NERR / 2*.F. /
002126      COMMON /SCALE/ C0, C1
002126      COMMON /ERR/ LERR
002126      DIMENSION ISQ(2)
002126      DATA ISQ /2*1H   /
002126           DATA NT /0/
            C
            C
002126       COMMON/PUBLISH/FILE,FIRST,IN,OUT,LIMIT,SHIFT
002126       DIMENSION CHAR(1),MEMORY(1)
002126       DIMENSION BUFFER(1024)
002126       INTEGER        FILE,FIRST,IN,OUT,LIMIT,SHIFT
002126       INTEGER RCL,CIO,RA,BUFFER,FRAME,CHAR,EOF,ZERO,ERR
002126       LOGICAL LEADER,ERROR
002126       DATA RCL,CIO/2203 1400 0000 0000 0000B,0311 1700 0000 0000 0000B/
002126       DATA EOF,ERR,ZERO/30B,3777B,0/
002126       DATA    LEADER,ERROR/.TRUE.,.FALSE./
002126       DATA FILE/0/
            C    INITIALIZE NUMBER OF CHARACTERS READ
002126      DATA I, NUMBER / 0, 0 /
002126           LOGICAL SPE
002126           SPE = PARERR
002127           PARERR = .FALSE.
002130           NERR = .FALSE.
002130           TNOPAR = .FALSE.
002131      NOPE = .FALSE.
002132       N=0
002133      NBAD = 0
            C    EXIT IF FILE HAS NOT BEEN DEFINED.
002134       IF(FILE.EQ.0)GO TO 7
002135       IF((FILE.AND.77B).NE.0)GO TO 1
            C    INITIALIZE BUFFER PARAMETERS
002137       L=LOCF(MEMORY)          $RA=1-L
002144       FIRST=LOCF(BUFFER)     $IN=FIRST $OUT=FIRST
002151       LIMIT=LOCF(BUFFER(1024+1))       $SHIFT=60
002156  1    SHIFT=SHIFT-12          $IF(SHIFT.GE.0)GO TO 2          $SHIFT=48
002162       OUT=OUT+1   $IF(OUT.EQ.LIMIT)OUT=FIRST
002167            IXLOC = OUT-FIRST+1
002171  2    IF(IN.NE.OUT)GO TO 6  $IF((FILE.AND.EOF).EQ. EOF)GO TO 7
            C    READ FROM COMMON FILE
002175       FILE=FILE.AND.7777 7777 7777 7700 0000B.OR.12B
002200  3    IF(MEMORY(RA+1).NE.0)GO TO 3    $MEMORY(RA+1)=CIO.OR.LOCF(FILE)
002210  4    IF(MEMORY(RA+1).NE.0)GO TO 4    $MEMORY(RA+1)=RCL
```

```
002214  5    IF(MEMORY(RA+1).NE.0)GO TO 5    $IF((FILE.AND.1).NE.1)GO TO 4
002220       GO TO 2
            C
            C
            C    READ NEXT CHARACTER
            C
            C
002221  6    FRAME=IRIGHT(BUFFER(OUT-FIRST+1),SHIFT).AND.7777B
            C
            C
            C    CHARACTER EDITING GOES HERE.
            C
002230       IF(FRAME.EQ.ERR)ERROR=.TRUE.
002233       IF(FRAME.GT.377B)GO TO 1
002237       IF (FRAME.EQ.ZERO)  GO TO 1
002240      LBITS = MOD(IPARITY(FRAME),2) .NE. 1
002252      IF (LBITS .AND. LEADER) GO TO 1
002254      IF (FRAME.EQ.IGNORE) GO TO 1
002256       LEADER=.FALSE.
002256      IF (FRAME.EQ.SOFTS .OR. FRAME.EQ.CRSG) GO TO 1
002265      IF (SAMPLE.AND.(FRAME.EQ.EOW)) GO TO 10
002271      IF (FRAME.EQ.PERIOD) IF (SAMPLE) 9, 100
002274      IF (FRAME.EQ.COMMA) GO TO 9
            C
002276      IF (LBITS) PRINT 555, I, FRAME, OUT
002313  555 FORMAT (30X,*PARITY ERROR AFTER DIGIT*,I5,*  FRAME = *,O4, 5X, O6)
002313      IF(LBITS) LERR = LERR + 1
002316      FRAME = FRAME .AND. 17B
002320   15 NUMBER = NUMBER*10 + FRAME
002323      I = I + 1
002325      IF (LBITS) TNOPAR = .TRUE.
002327   11 IF (N.LT.NCHAR) 1, 25
            C
            C       ** END OF NUMBER **
002334    9 IF (I.EQ.0) GO TO 20
002335      IF (SAMPLE) GO TO 10
            C            * HEADER *
002337  100    IF (TNOPAR) 110, 33
002341  110    NN = N + 1
002343         PRINT 112, NN, NUMBER
002354  112    FORMAT (*0  HEADER PARITY:*, I3,*-TH NUMBER =*, I10)
002354         LERR = LERR + 2
002355         GO TO 33
            C
            C            * SAMPLE *
002356   10 IF (I.NE.3) GO TO 300
002360      IF (TNOPAR) GO TO 310
002362      IF (NBAD.EQ.0) GO TO 33
            C            * O.K. *
            C
            C       * RECOVER FROM ERROR SPOT, CHAR(N); NUMBER ARE GOOD BOUNDS
002363      IF (N) 201,201,210
002364  201    SUM = NUMBER
002366         GO TO 212
002366  210 SUM = CHAR(N)
002371  212 PRINT 215, NBAD, SUM, NUMBER, N
002406  215 FORMAT (I6, *  BAD NUMBERS AVERAGED BETWEEN*,F6.0,I6,7H  AFTER,I6)
002406      LERR = LERR + 1
002407      DELTA = (FLOAT(NUMBER) - SUM)/ FLOAT(NBAD+1)
002414      SUM = SUM + 0.5
002416      NN = N+1
002420      N = N + NBAD
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