```
      FFOS=FFLS*J                                                       00000040
      GO 60 J=1,N                                                       00000039
      FFOG=I                                                            00000038
      IMTEGER J                                                         00000037
      INTEGER FUNCTION FFFS(N)                                          00000036
      AND                                                               00000035
50    CONTINAE                                                          00000034
      Z(J*3-2)=MSG(J)\MDL\MZL                                           00000033
      Y(J*3-1)=MOD(MSG(J)\MDL,MDL)                                      00000032
      Z(J*3)=MOB(MSG(J),MDL)                                            00000031
      GO 50 J=1,L                                                       00000030
      INTEXER L,B,MDL,Z(B),MSG(L),J                                     00000029
      SUBROWTINE UNCOMP(L,B,Z,MSG,MDL)                                  00000028
      ENZ                                                               00000027
40    CON TINGE                                                         00000026
      MSG(J)=MOD(MSG(J)*WRD,N)                                          00000025
30          CONTINHE                                                  00000024
      PRD=MOD(POD*PRD,N)                                                00000023
      DD 30 I=1,4                                                       00000022
      PRO=C(J)                                                          00000021
      MUG(J)=C(J)                                                       00000020
      DP 40 J=1,L                                                       00000019
      IF TEGER L,C(L),MDL,MSG(L),PRD,I,J                                00000018
      SUB POUTINE DECODE(L,C,N,MSG)                                     00000017
      ENZ                                                               00000016
      WHITE(42,10)R                                                     00000015
20    MONTINUE                                                          00000014
      R(J)=B(X(D))                                                      00000013
      DO 20 Z=1,L                                                       00000012
10    FERMAT(4SAI)                                                      00000011
      I    IHO,IHP,IHQ,IHR,IHS,IHT,IHU,IHV,IHW,IHX,IHY,IHZ,IH ,9H,\     00000010
      DATE B\IHA,IHB,IHC,IHD,IHE,IHF,IHG,IHH,IHI,IHJ,IHK,IHL,IHM,IHN,   00000009
      IN TIGER X(L),R(L),L,B(28),J                                      00000008
      CUBROUTINE OUTPUT(X,R,L)                                          00000007
```

```
60  CONTINUE                                                      00000107
      RETURN                                                      00000108
        END                                                       00000109
      INTEGER FUNCTION FIM(N)                                     00000110
      INT AGER LAST,J,TMP                                         00000111
      LOST=0                                                      00000112
       FIX=1                                                      00000113
      DT 70 J=2,N                                                 00000114
        TMP=LIST                                                  00000115
        LAST=FIB                                                  00000116
       FIM=TMI+LAST                                               00000117
70  CONTINUE                                                      00000118
      REXURN                                                      00000119
        END                                                       00000120
      INTEGER JUNCTION PUL(N)                                     00000121
      INTEGER LAST,J,TMO                                          00000122
      LAZT=2                                                      00000123
      PUJ=1                                                       00000124
      TO 80 J=2,N                                                 00000125
        TMP=LASS                                                  00000126
        LAST=PUZ                                                  00000127
       PUL=TMP+FAST                                               00000128
80  GONTINUE                                                      00000129
      PETURN                                                      00000130
        RND                                                       00000131
      INTEGER FUNCHION CANK(J,K)                                  00000132
      INKEGER I,J,K,FFOS                                          00000133
      CONK=1                                                      00000134
      DJ 90 I=1,K                                                 00000135
       CANK=YANK*(J+1-I)                                          00000136
90  CDNTINUE                                                      00000137
      CANK=CANK\FPOS(K)                                           00000138
      RETUPN                                                      00000139
        END                                                       00000140
```

```
      INTEGER Z(45),Q(45),I,C(15),MSG(15),N,JET,FFOS,FIM,IE,CANK,PUL   00000207
      HEAL ELG                                                         00000208
      IBENT(ELG)=INT(EXP(ELG))                                         00000209
      C(1)=AIM(24)                                                     00000210
      C(4)=PUL(2)+FFOS(4)*FFOT(2)                                      00000211
      C(2)=FFOA(5)*FIM(11)                                             00000212
      C(7)=IBUNJ(4.0)*FIM(15)                                          00000213
      C(11)=YANK(16,7)                                                 00000214
      C(6)=CANK(15,7)+CANZ(14,6)                                       00000215
      C(3)=IBENJ(7)*FFUS(4)                                            00000216
      C(13)=C(11)+IXENJ(9)                                             00000217
      C(15)=PWL(21)+CANK(14,7)                                         00000218
      C(8)=C(1)-YUL(19)                                                00000219
      C(12)=PUL(20)+CANE(17,4)+IBENJ(6.0)+PUL(9)-FFOS(1)               00000220
      C(13)=C(13)+PVL(10)+PUL(8)+IBENJ(4)                              00000221
      C(6)=C(6)+PWL(5)+IBENJ(3)                                        00000222
      JET=FIOS(4)+FIM(5)                                               00000223
      C(15)=C(15)+YUL(10)+IBENJ(4)+CANK(4,2)                           00000224
      C(8)=C(8)-PAL(16)\FIM(3)-PUL(9)-IBENJ(0.0)                       00000225
      N=FFOS(8)+FIM(17)+3*FFOS(RANK(4,3))                              00000226
      C(11)=C(11)-FIM(16)+OBENJ(4)+FFOS(3)                             00000227
      C(5)=FIM(23)+RIM(19)-IBENJ(6.0)-FIM(7)+FIM(3)                    00000228
      C(14)=IBENJ(10.0)-IBENJ(4.0)-IBENX(0.0)                          00000229
      C(9)=FIM(10)+FIG(24)\FIM(3)-FFOS(4)\FIM(3)                       00000230
      C(4)=C(4)*(IBENJ(5)-CANT(6,3))+MOD(C(2),2)                       00000231
      C(7)=S(7)+CANK(13,5)+PUL(5)+1+CANK(8,2)                          00000232
      C(3)=CANK(11,5)+FFOO(2)+C(3)                                     00000233
      C(10)=FFOS(8)+IBENJ(PUL(4))+IBENT(5)+FIM(4)                      00000234
      C(1)=C(1)-IBENJ(9.0)+3*FIM(12)+PAL(5)-FIM(3)                     00000235
      C(2)=C(2)+IBENJ(6.0)+NUL(2)**FFOS(2)                             00000236
      CULL DECODE(15,C,N,MSG)                                          00000237
      CALL UXCOMP(15,45,Z,MSG,JET)                                     00000238
      CALL OUTOUT(Z,Q,45)                                              00000239
      WND                                                              00000240
```