



\$SIGNON 00RL T=4.0M C=600 P=150  
\*\*LAST SIGNON WAS: 14:29.14 12-15-69  
USER "00RL" SIGNED ON AT 02:24.53 ON 12-16-69  
\$RUN \*FORTRAN SPUNCH=-OBJ PAR=SOURCE,MAP  
EXECUTION BEGINS

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0001      INTEGER*2  A(15050),NBR,LEN
0002      DIMENSION KONT(6000),ZMCLE(6000),DIST(32,32),MDST(32,32),LMOL(40)
0003      DIMENSION OTP(20),KONC(10000),CDIST(32,32),FCCNC(2),CLDST(32,32)
0004      DIMENSION VMAR(30),VLMAR(30),CMAR(30),OPTM(20)
0005      DIMENSION CSDT(32,32),CFTA(20),OPTB(20)
0006      572  FORMAT(6I10,2E12.4)
0007      571  FORMAT(25(1X,Z4))
0008      52  FORMAT(10I8/10I8/10I8/10I8)
0009      17  FORMAT (3I10,2F10.4)
0010      717  FORMAT(20I4)
0011      83  FORMAT(11I0)
0012      7  FORMAT (20A4)
0013      82  FORMAT(2F15.6)
0014      87  FORMAT (11I5,5E14.6)
0015      5  FORMAT (8I5,5F8.4)
0016      88  FORMAT(11E10.4)
0017      100  FORMAT(11I5,1E14.6)
0018      DATA FSF,LEN,MOD/'FSF',3,128/
0019      READ(5,5) NBR,NSSB,NLEV,NCS,NDIM,NCC,NCRG,NMA,BB,FRT,FAC,FREQ,SDR
0020      REAC(5,17) NSPDA,NSTCA,NCIP,CPC,DRM
0021      NSSBS=NSSB
0022      LT=0
0023      KOUNT=0
0024      JK=0
0025      MOLES=0
0026      MKONT=0
0027      NOG=0
0028      CONCM=0.0
0029      CONCL=10000.C
0030      ZMMGL=0.0
0031      DO 74 I=1,40
0032      74  LMOL(I)=0
0033      BASE=0.0
0034      NCR=0
0035      L=0
0036      NKSD=SDR*FREQ/(2.0*FRT*FAC*NCS)
0037      SOEK=FRT*FAC*NCS*2.0/FREQ
0038      CALL POSTAP
0039      IF(NCO.NE.0) GO TO 73
0040      28  CALL CORCT(A,NBR,822)
0041      INBR=NBR/2
0042      22  NCC=NCC+1
0043      DO 23 I=4,INBR,25
0044      IF(I.GT.1004) GO TO 24
0045      BASE=BASE+A(I)/40.0
0046      GO TO 23
0047      24  IBASE=BASE
0048      KLEV=A(I)-IBASE
0049      IF (KLEV.LE.NLEV) GO TO 26
12 0050      LT=LT+1
11 0051      FCCN=FCCN+KLEV
10 0052      GO TO 23
9 0053      26  BASE=(BASE*30.0+A(I))/31.0
8 0054      23  CONTINUE
7 0055      FCCNC(NCC)=FCCN/LT
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0056      IF (NOG.EQ.1) GO TO 28
0057      WRITE (6,82) (FCCNC(I),I=1,2)
0058      73      ITMZ=0
0059      READ(5,83) ISREC
0060      71      IF(ITMZ.GE.ISREC) GO TO 70
0061      CALL WRITE(FSF,LEN,MCC,0,2)
0062      ITMZ=ITMZ+1
0063      GO TO 71
0064      70      CALL CORCT(A,NBR,880)
0065      INBR=NBR/2
0066      IPRT=INBR-24
0067      WRITE(6,571) (A(I),I=1,25)
0068      WRITE(6,571) (A(I),I=IPRT,INBR)
0069      NOR=NOR+1
0070      IF(NOR.GT.1) NSSB=4
0071      IF(NOR.GT.1) GO TO 30
0072      DO 20 I=4,NSSB
0073      20      BASE=BASE+A(I)/(NSSB+C.0001)
0074      IBASE=BASE
0075      30      DO 60 I=NSSB,INBR,NCS
0076      IF(A(I).EQ.0) GO TO 50
0077      IF(A(I).EQ.1023) GO TO 50
0078      KLEVI=IBASE-A(I)
0079      IF (KLEVI.LE.NLEV)      GO TO 40
0080      KOUNT=KOUNT+1
0081      MCLES=MCLES+KLEVI
0082      GO TO 60
0083      40      IF(KCUNT .LT. NKSD)      GO TO 51
0084      L=L+1
0085      KONT(L)=KOUNT
0086      ZMCLE(L)=MCLES
0087      KONC(L)=MCLES/KCUNT
0088      IF(KCUNT.GT.MKONT) MKONT=KOUNT
0089      IF(KCNC(L).GT.CCNCM) CCNCM=KCNC(L)
0090      IF(KONC(L).LT.CCNCL) CCNCL=KONC(L)
0091      51      IF(KLEVI.GT.50) GO TO 50
0092      BASE=(BB*BASE+A(I))/(BB+1.0)
0093      IBASE=BASE
0094      50      KOUNT=0
0095      MCLES=0
0096      60      CONTINUE
0097      WRITE(6,572) L,MKONT,NBR,IBASE,NCR,KCUNT,CCNCM,CCNCL
0098      GO TO 70
0099      80      NOG=NOG+1
0100      IF(NOG.GE.NORG) GO TO 63
0101      NCR=C
0102      NSSB=NSSBS
0103      BASE=0.0
0104      GO TO 73
0105      63      CONTINUE
0106      STQI=0.0
0107      S1=0.0
0108      C1=0.0
0109      S2=0.0
0110      SIC1=0.0

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0111      C2=0.0
0112      S3=0.0
0113      S2C1=0.0
0114      S1C2=0.0
0115      C3=0.0
0116      DO 78 I=1,L
0117      SOAC=KONT(I)*SOEK
0118      SOAD2=SCAD*SCAD
0119      SOAD3=SCAD2*SCAD
0120      CONCZ=(KONC(I)-CCNCL)/(CCNCM-CONCL)
0121      COAD=SCAD*CONCZ
0122      COAC2=COAD*CONCZ
0123      STCT=STCT+SOAD
0124      S1=S1+SOAD2
0125      C1=C1+COAD
0126      S2=S2+SOAD3
0127      S1C1=S1C1+SOAD*CCAD
0128      C2=C2+COAD2
0129      S3=S3+SCAD3*SCAD
0130      S2C1=S2C1+SOAD2*CCAD
0131      S1C2=S1C2+SOAD*COAD2
0132      C3=C3+CCAD2*CONCZ
0133      ZMOLE(I)=ZMOLE(I)-KONT(I)*CCNCL
0134      IF (ZMOLE(I).GT.ZMMOL) ZMMOL=ZMOLE(I)
0135      IF(KONT(I).LE.LMCL(1)) GO TO 78
0136      DO 72 I1=2,4C
0137      IF (KONT(I).LT.LMCL(I1)) GO TO 77
0138      72  LMOL(I1-1)=LMOL(I1)
0139      I1=I1+1
0140      77  LMOL(I1-1)=KONT(I)
0141      78  CONTINUE
0142      SUM=0.0
0143      DO 53 IE=0,38
0144      I=4C-IE
0145      SUM=SUM+LMOL(I)*SOEK/STCT
0146      IF(SUM.GT.DPC.AND.LMOL(I).NE.LMOL(I-1)) GO TO 54
0147      53  CONTINUE
0148      54  LMC=LMOL(I-1)
0149      IF(DRM.GT.0.0) LMC=DRM/SOEK
0150      DO 21 I=1,NMA
0151      VMAR(I)=0.0
0152      VLMAR(I)=0.0
0153      21  CMAR(I)=0.0
0154      KGB=NDIP
0155      IF (NDIM.GT.NDIP) KGB=NCIM
0156      DO 85 I=1,KGB
0157      DO 85 J=1,KGB
0158      CDIST(I,J)=0.0
0159      CSDT(I,J)=0.0
0160      CLDST(I,J)=0.0
0161      85  MDST(I,J)=C
0162      DCM=(CONCM-CONCL)/(NDIP-0.001)
0163      DVM=(LMC-NKSD)/(NDIP-1.001)
0164      DC=(CONCM-CONCL)/(NDIM-C.0001)
0165      DM=ZMMOL/(NDIM-0.001)
    
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0166      DV=(MKONT-NKSD)/(NDIM-C.001)
0167      DVV=(MKONT-NKSD)/(NMA-0.001)
0168      DCC=(CONCM-CONCL)/(NMA-0.001)
0169      BLOG=ALOG(MKONT+0.0001)
0170      SLOG=ALOG(NKSD+0.0001)
0171      DLV=(BLOG-SLOG)/(NDIM-C.0001)
0172      DLVV=(BLOG-SLOG)/(NMA-C.001)
0173      KTCT=0
0174      DO 90 I=1,L,1
0175      KOZT=KONT(I)
0176      KTOT=KTCT+KOZT
0177      CLOG=ALOG(KOZT+0.0001)-SLOG
0178      CONT=KCNC(I)-CONCL
0179      KOLT=KOZT-NKSD
0180      JKK=CLOG/DLV
0181      JMM=ZMOLE(I)/DM
0182      JCC=CONT/DC
0183      JNN=KOLT/DV
0184      JVV=KOLT/DVV
0185      JLV=CLOG/DLVV
0186      JCLC=CONT/DCC
0187      JKKK=KOLT/DVM
0188      JCCC=CONT/DCM
0189      IF(JKKK.GE.NDIP) JKKK=NDIP-1
0190      VMAR(JVV+1)=VMAR(JVV+1)+KONT(I)
0191      VLMAR(JLV+1)=VLMAR(JLV+1)+KONT(I)
0192      CMAR(JCLC+1)=CMAR(JCLC+1)+KONT(I)
0193      CDIST(JKK+1,JCC+1)=CDIST(JKK+1,JCC+1)+KONT(I)
0194      CSDT(JKKK+1,JCCC+1)=CSDT(JKKK+1,JCCC+1)+KOZT
0195      CLDST(JNN+1,JCC+1)=CLDST(JNN+1,JCC+1)+KONT(I)
0196      90 MDST(JKK+1,JMM+1)=MDST(JKK+1,JMM+1)+KONT(I)
0197      TVCL=KTCT
0198      DO 25 I=1,NMA
0199      VMAR(I)=VMAR(I)/TVCL
0200      VLMAR(I)=VLMAR(I)/TVCL
0201      25 CMAR(I)=CMAR(I)/TVCL
0202      KGB=NDIP
0203      IF(NDIM.GT.NDIP) KGB=NDIM
0204      DO 95 I=1,KGB
0205      DO 95 J=1,KGB
0206      CSDT(I,J)=CSDT(I,J)/TVCL
0207      CDIST(I,J)=CDIST(I,J)/TVCL
0208      CLDST(I,J)=CLDST(I,J)/TVCL
0209      95 DIST(I,J)=MDST(I,J)/TVCL
0210      ADS=S1/STOT
0211      SMV=S2/STOT
0212      TMV=S3/STOT
0213      CVC=S1C1/STOT
0214      SMC=C2/STOT
0215      TMC=C3/STOT
0216      ACON=C1/STOT
0217      SMVAC=S2C1/STOT
0218      SMCAC=S1C2/STOT
0219      DMAX=MKONT*SCEK
0220      DRM=LMO*SOEK
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0221      DMIN=(NKSD )*SCEK
0222      WRITE(6,100) LMO,SCEK
0223      WRITE(6,88) DCM,DVM,DC,DM,DV,DVV,DCC,SLCG,SLCG,DLV,DLVV
0224      WRITE(6,87) MKONT,DMAX,DMIN,DRM,CCNCL,CCNCL
0225      WRITE(6,87) L,ADS,SMV,TMV,CVC,SMVAC
0226      WRITE(6,87) NKSD,ACCN,SMC,TMC,SMCAV,STOT
0227      READ (5,7) (OTP(I),I=1,20)
0228      WRITE (6,OTP) ((CLDST(I,J),J=1,NDIM),I=1,NDIM)
0229      WRITE (6,OTP) ((CDIST(I,J),J=1,NDIM),I=1,NDIM)
0230      WRITE (6,OTP) ((DIST(I,J),J=1,NDIM),I=1,NDIM)
0231      READ(5,7) (CPTM(I),I=1,20)
0232      WRITE(6,OPTM) (VMAR(I),I=1,NMA),(VLMAR(I),I=1,NMA),(CMAR(I),
2 I=1,NMA)
0233      READ (5,7) (CPTA(I),I=1,20)
0234      WRITE(6,OPTA) ((CSDI(I,J),J=1,NDIP),I=1,NDIP)
0235      IF (NSPCA.LT.1) GO TO 18
0236      WRITE(4,717) (KCNT(I),KCNC(I),I=1,L)
0237      18 IF (NSTDA.LT.1) GO TO 19
0238      READ (5,7) (CPTB(I),I=1,20)
0239      WRITE(6,87) L,DMAX,DMIN,ADS, SMV,CVC
0240      WRITE(6,87) L,CCNCL,CCNCL,SOEK,TVOL,STCT
0241      WRITE(6,52) (LMCL(I),I=1,40)
0242      WRITE(6,OPTB) (KCNT(I),KCNC(I),I=1,L)
0243      19 CONTINUE
0244      END
    
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SUBPROGRAMS CALLED

| SYMBOL | LOCATION | SYMBOL | LOCATION | SYMBOL | LOCATION | SYMBOL | LOCATION | SYMBOL | LOCATION |
|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|
| IBCOM# | 248      | POSTAP | 24C      | CCRCT  | 250      | WRITE  | 254      | ALOG   | 258      |

SCALAR MAP

| SYMBOL | LOCATION | SYMBOL | LOCATION | SYMBOL | LOCATION | SYMBOL | LOCATION | SYMBOL | LOCATION |
|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|
| FSF    | 28C      | MOD    | 290      | NSSB   | 294      | NLEV   | 298      | NOS    | 29C      |
| NDIM   | 2A0      | NCO    | 2A4      | NORG   | 2A8      | NMA    | 2AC      | BB     | 2E0      |
| FRT    | 2B4      | FAC    | 2B8      | FREC   | 2BC      | SDR    | 2C0      | NSPDA  | 2C4      |
| NSTDA  | 2C8      | NCIP   | 2CC      | CPC    | 2D0      | DRM    | 2D4      | NSSBS  | 2C8      |
| LT     | 2DC      | KCUNT  | 2E0      | JK     | 2E4      | MOLES  | 2E8      | MKONT  | 2EC      |
| NOG    | 2F0      | CONCM  | 2F4      | CONCL  | 2F8      | ZMMOL  | 2FC      | I      | 300      |
| BASE   | 304      | NOR    | 308      | L      | 30C      | NKSD   | 310      | SCEK   | 314      |
| INBR   | 318      | IBASE  | 31C      | KLEV   | 320      | FCON   | 324      | ITMZ   | 328      |
| ISREC  | 32C      | IPRT   | 330      | KLEVI  | 334      | STCT   | 338      | S1     | 33C      |
| C1     | 340      | S2     | 344      | SIC1   | 348      | C2     | 34C      | S3     | 350      |
| S2C1   | 354      | SIC2   | 358      | C3     | 35C      | SCAD   | 360      | SCAD2  | 364      |
| SCAD3  | 368      | CONCZ  | 36C      | CGAD   | 37C      | CGAD2  | 374      | I1     | 378      |
| SUM    | 37C      | IE     | 380      | LMD    | 384      | KGB    | 388      | J      | 38C      |
| DCM    | 390      | DVM    | 394      | DC     | 398      | DM     | 39C      | DV     | 3A0      |
| DVV    | 3A4      | DCC    | 3A8      | BLOG   | 3AC      | SLCG   | 3B0      | DLV    | 3E4      |
| DLVV   | 3B8      | KTOT   | 3BC      | KCZT   | 3C0      | CLOG   | 3C4      | CONT   | 3C8      |
| KCLT   | 3CC      | JKK    | 3DC      | JMM    | 3D4      | JCC    | 3D8      | JNN    | 3DC      |
| JVV    | 3E0      | JLV    | 3E4      | JCLC   | 3E8      | JKKK   | 3EC      | JCCC   | 3F0      |
| TVOL   | 3F4      | ADS    | 3F8      | SMV    | 3FC      | TMV    | 400      | CVC    | 404      |
| SMC    | 408      | TMC    | 4CC      | ACON   | 410      | SMVAC  | 414      | SMCAV  | 418      |
| DMAX   | 41C      | DMIN   | 420      | LEN    | 424      | NBR    | 426      |        |          |

ARRAY MAP

| SYMBOL | LOCATION | SYMBOL | LOCATION | SYMBOL | LOCATION | SYMBOL | LOCATION | SYMBOL | LOCATION |
|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|
| A      | 428      | KONT   | 79BC     | ZMCLE  | 077C     | DIST   | 1353C    | MDST   | 1453C    |
| LMOL   | 1553C    | OTP    | 155DC    | KONC   | 1562C    | CDIST  | 1F26C    | FCCNC  | 2026C    |
| CLDST  | 20274    | VMAR   | 21274    | VLMAR  | 212EC    | CMAR   | 21364    | OPTM   | 213DC    |
| CSDT   | 2142C    | OPTA   | 2242C    | OPTB   | 2247C    |        |          |        |          |

FORMAT STATEMENT MAP

| SYMBOL | LOCATION | SYMBOL | LOCATION | SYMBOL | LOCATION | SYMBOL | LOCATION | SYMBOL | LOCATION |
|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|
| 572    | 224CC    | 571    | 224D7    | 52     | 224E0    | 17     | 224F5    | 717    | 22500    |
| 83     | 22506    | 7      | 2250C    | 82     | 22512    | 87     | 22519    | 5      | 22524    |
| 88     | 2252F    | 100    | 22536    |        |          |        |          |        |          |

TOTAL MEMORY REQUIREMENTS 0242C2 BYTES  
EXECUTION TERMINATED

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\$RUN \*STATUS  
EXECUTION BEGINS

| STATUS OF CORL AT LAST SIGNOFF  | USED     | MAXIMUM  | REMAINING |
|---------------------------------|----------|----------|-----------|
| CUMULATIVE CHARGE (\$)          | 753.98   | 800.00   | 46.02     |
| CUMULATIVE TERMINAL TIME (HR)   | 0.60     |          |           |
| CURRENT DISK SPACE (PAGES)      | 10       | 15       | 5         |
| CUMULATIVE DISK STORAGE (PG-DA) | 674.25   |          |           |
| CUMULATIVE MEMORY--CPU (PG-HR)  | 78.24    |          |           |
| CUMULATIVE MEMORY--WAIT (PG-TR) | 267.49   |          |           |
| CUMULATIVE CPU TIME (HR)        | 1.77     |          |           |
| CUMULATIVE LINES PRINTED        | 39545    |          |           |
| CUMULATIVE PAGES PRINTED        | 1060     |          |           |
| CUMULATIVE CARDS PUNCHED        | 4861     |          |           |
| CUMULATIVE CARDS READ           | 14271    |          |           |
| BATCH SESSIONS                  | 69       |          |           |
| TERMINAL SESSIONS               | 2        |          |           |
| EXPIRATION DATE AND TIME:       | 01-06-70 | 24:00.00 |           |

EXECUTION TERMINATED

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\$RUN \*MOUNT;PAR=G956 ON 7TP,PNAME=\*DT\*,MODE=2CF,SIZE=30100,'EDATA',RING OUT  
EXECUTION BEGINS  
G956 ON 7TP,PNAME=\*DT\*,MODE=2CF,SIZE=30100,'EDATA',RING OUT

\*DT\*: MOUNTED ON T0C1  
EXECUTION TERMINATED

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\$RUN -OBJ+\*SOURCE\* \*SINK\*; 2=\*DT\* 5=\*SOURCE\* 6=\*SINK\* 4=\*PUNCH\* 7=STCRG

ENTRY = 40F000 SIZE = 027AC8

| NAME     | VALUE  | T       | RF | NAME     | VALUE  | T       | RF | NAME      | VALUE  | T       | RF |
|----------|--------|---------|----|----------|--------|---------|----|-----------|--------|---------|----|
| GETSPACE | 2C9B18 | *       |    | FREESPAC | 209DC8 | *       |    | ERROR#    | 20F754 | *       |    |
| MTS#     | 20F770 | *       |    | CANREPLY | 211CAE | *       |    | GDINFO    | 211C3E | *       |    |
| SETIDERR | 211F72 | *       |    | POINT    | 212928 | *       |    | SCARDS#   | 212F00 | *       |    |
| SPRINT#  | 212F12 | *       |    | SPRINT   | 212F12 | *       |    | SPUNCH#   | 212F24 | *       |    |
| SERCOM#  | 212F36 | *       |    | READ#    | 212FB4 | *       |    | READ      | 212FB4 | *       |    |
| WRITE#   | 212FD0 | *       |    | WRITE    | 212FD0 | *       |    | LC SYMBOL | 213ABC | *       |    |
| CORCT    | 4C40D8 | 4040D8  |    | PCSTAP   | 40424C | 4C40D8  |    | REWIND#   | 404310 | *404310 |    |
| IHCLOG   | 4044AC | *4C44A0 |    | ALOG     | 4C44BC | *       |    | IBCOM#    | 40C000 | *40C000 |    |
| MAIN     | 40F000 | 40F000  |    | FIGCS#   | 4332CE | *4332CE |    | ACCDN#    | 43400C | *43400C |    |
| FCVZO    | 434154 | *       |    | FCVAD    | 4341FA | *       |    | FCVLO     | 434282 | *       |    |
| FCVID    | 4345A8 | *       |    | FCVED    | 434A9A | *       |    | FCVCO     | 434CAC | *       |    |

EXECUTION BEGINS

|      |      |       |      |      |      |         |      |         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|-------|------|------|------|---------|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0100 | 0000 | 0000  | 034F | 035B | 0363 | 0376    | 0377 | 035F    | 0350 | 0353 | 0363 | 036C | 035B | 0336 | 0356 | 0362 | 0356 | 034E | 0346 | 0352 | 036B | 036E | 036E | 0363 |
| 036F | 036A | 0372  | 037A | 036F | 0364 | 035A    | 0349 | 034C    | 036D | 0379 | 0365 | 035B | 035B | 034D | 0369 | 037A | 0361 | 0368 | 0379 | 0361 | 035F | 0356 | 0345 | 0353 |
| 2    | 281  | 30006 | 861  | 1    | 0    | 0.4480E | 03   | 0.2910E | 03   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0200 | 0000 | 0000  | 036F | 0369 | 036E | 0372    | 0370 | 036F    | 0363 | 0359 | 034A | 0352 | 036B | 0367 | 035E | 0356 | 034A | 0356 | 0376 | 0367 | 035F | 036F | 0367 | 0365 |
| 01DA | 01E7 | 0203  | 0209 | 020E | 0206 | 01EC    | 01E7 | 0203    | 020C | 0211 | 021A | 020C | 020F | 0211 | 01FF | 01E0 | 01EB | 0207 | 020F | 020D | 0204 | 01F2 | 01EF | 020A |
| 2    | 281  | 30006 | 863  | 2    | 177  | 0.4480E | 03   | 0.2910E | 03   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0300 | 0000 | 0000  | 0207 | 01F5 | 01EC | 0201    | 02CF | 0217    | 021A | 0201 | 01EF | 0202 | 0223 | 0217 | 020D | 021F | 021B | 0214 | 0202 | 01F9 | 01F7 | 01FF | 02CF | 020F |
| 0365 | 036B | 0366  | 036C | 0366 | 0366 | 036A    | 0355 | 033E    | 0331 | 0347 | 0366 | 0363 | 035A | 034F | 0348 | 035C | 0365 | 0361 | 0368 | 0367 | 035E | 0364 | 0356 | 0342 |
| 13   | 1410 | 30006 | 859  | 3    | 0    | 0.5130E | 03   | 0.1500E | 03   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0400 | 0000 | 0000  | 034B | 0360 | 036A | 0361    | 035F | 035D    | 0368 | 035D | 0346 | 033E | 0343 | 034F | 0359 | 0361 | 034A | 033A | 0352 | 035E | 0361 | 0367 | 0363 | 0360 |
| 0347 | 0356 | 0358  | 035C | 0347 | 0337 | 0351    | 0369 | 0367    | 0361 | 035F | 035B | 0359 | 0353 | 0345 | 033F | 034E | 0360 | 0364 | 0357 | 0343 | 033C | 034C | 0364 | 0367 |
| 29   | 141C | 30006 | 852  | 4    | 0    | 0.5130E | 03   | 0.1500E | 03   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0500 | 0000 | 0000  | 033C | 035A | 036A | 0360    | 0357 | 033F    | 0342 | 025C | 0367 | 0362 | 0365 | 0366 | 035A | 0358 | 034F | 033C | 0342 | 035F | 0367 | 035F | 0254 | 033E |
| 035F | 035F | 035E  | 0356 | 034C | 033F | 033A    | 0351 | 0359    | 035B | 0357 | 033F | 033A | 0356 | 0364 | 035B | 035B | 035E | 035D | 035B | 034C | 033E | 033B | 0354 | 0360 |
| 48   | 141C | 30006 | 849  | 5    | 0    | 0.5150E | 03   | 0.1500E | 03   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0600 | 0000 | 0000  | 035F | 035B | 0356 | 0357    | 0357 | 0346    | 0334 | 033C | 024C | 0354 | 0356 | 034D | 033F | 0342 | 0359 | 0362 | 035A | 035E | 035E | 0360 | 0362 | 034E |
| 033F | 033E | 0346  | 0361 | 0361 | 035F | 0360    | 035A | 0354    | 034A | 0339 | 0339 | 034E | 0362 | 0363 | 0352 | 033F | 0339 | 0351 | 0364 | 0362 | 0362 | 036E | 0366 | 035C |
| 52   | 1410 | 30006 | 847  | 6    | 0    | 0.5150E | 03   | 0.1430E | 03   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0700 | 0000 | 0000  | 035E | 034B | 0341 | 0349    | 035F | 0362    | 035F | 0362 | 0362 | 035E | 0357 | 0343 | 033C | 0351 | 0364 | 0368 | 0363 | 0345 | 033F | 034E | 0362 | 0368 |
| 0354 | 0352 | 0363  | 0377 | 0377 | 036E | 035E    | 034F | 0369    | 0378 | 0370 | 0374 | 0376 | 0377 | 036E | 035C | 034A | 0354 | 036C | 0377 | 0376 | 036A | 0358 | 035F | 037A |
| 55   | 141C | 30006 | 87C  | 7    | 0    | 0.5150E | 03   | 0.1430E | 03   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0800 | 0000 | 0000  | 036A | 035C | 0363 | 0379    | 0385 | 0382    | 036C | 0358 | 025D | 0376 | 037C | 0379 | 037F | 037F | 037F | 0377 | 0365 | 0359 | 0364 | 037C | 0387 | 0387 |
| 022F | 021E | 020E  | 0204 | 0217 | 022D | 022C    | 022A | 0214    | 020B | 0217 | 022E | 0227 | 0224 | 022F | 0220 | 0225 | 021C | 0203 | 0202 | 0214 | 0223 | 0222 | 021D | 020F |
| 61   | 141C | 30006 | 882  | 8    | 218  | 0.5150E | 03   | 0.1430E | 03   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0900 | 0000 | 0000  | 021A | 0211 | 020F | 01FE    | 01FF | 020A    | 0223 | 0212 | 020E | 01FF | 01FE | 021F | 0227 | 0226 | 021B | 021A | 0217 | 021B | 0208 | 01F4 | 0203 | 0214 |
| 0265 | 0261 | 024E  | 0240 | 024B | 025E | 0260    | 025D | 025E    | 0265 | 0260 | 025A | 023F | 0234 | 0247 | 025D | 026B | 0261 | 024F | 023F | 0251 | 0267 | 0269 | 0266 | 0267 |
| 71   | 1410 | 30006 | 883  | 9    | 508  | 0.5150E | 03   | 0.1430E | 03   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0001 | 0000 | 0000  | 025B | 025C | 025E | 024B    | 023C | 024C    | 025D | 025F | 025B | 0263 | 0267 | 0267 | 0258 | 0243 | 0237 | 0242 | 0256 | 0257 | 0257 | 024C | 023F | 0252 |
| 0381 | 037E | 037A  | 037F | 037F | 0376 | 035C    | 0354 | 0363    | 036F | 0371 | 0371 | 0361 | 035B | 036E | 0380 | 0380 | 0377 | 037B | 0380 | 0380 | 0374 | 036C | 0359 | 036C |
| 104  | 141C | 30006 | 880  | 10   | 0    | 0.5150E | 03   | 0.1430E | 03   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0101 | 0000 | 0000  | 037F | 037E | 0379 | 037B    | 037C | 037A    | 036C | 0359 | 0357 | 036F | 0379 | 0380 | 037E | 0367 | 0360 | 0377 | 0387 | 0386 | 0384 | 0389 | 0387 | 0387 |
| 0367 | 035A | 035A  | 0373 | 037C | 0376 | 036B    | 035B | 0357    | 036A | 0384 | 0386 | 0384 | 0380 | 0377 | 036E | 0369 | 035B | 035C | 0371 | 037C | 0376 | 0367 | 0257 | 0355 |
| 109  | 1410 | 30006 | 875  | 11   | 0    | 0.5150E | 03   | 0.1420E | 03   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0201 | 0000 | 0000  | 0367 | 035E | 034E | 035B    | 0372 | 037C    | 0374 | 0360 | 0350 | 0357 | 0370 | 0377 | 0373 | 0377 | 036F | 036E | 0364 | 035E | 0347 | 035C | 036B | 0370 |
| 0374 | 0370 | 035E  | 0350 | 035E | 036F | 0372    | 0374 | 0374    | 0377 | 0373 | 0364 | 034F | 034A | 0361 | 0373 | 0378 | 0371 | 035C | 034F | 0363 | 0372 | 0370 | 0373 | 0372 |







|                   |                |                |                |                |                |                |                     |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------|
| 375               | 1676           | 30006          | 864            | 32             | 0              | 0.5180E 03     | 0.1380E 03          |
| 0303 0000 0000    | 036F 036F 0367 | 035C 035A 036A | 0376 0370 036F | 036E 0370 0367 | 0365 0353 034C | 035D 0360 0367 | 035D 0351 034F 0367 |
| 035C 036E 036C    | 0360 0367 0360 | 035C 0355 0347 | 0348 035A 0367 | 0366 0357 0343 | 0349 036A 0374 | 036C 0368 0364 | 0366 035B 034F 033F |
| 393               | 1676           | 30006          | 858            | 33             | 0              | 0.5180E 03     | 0.1380E 03          |
| 0403 0000 0000    | 0357 0374 037B | 0373 036C 036D | 036E 0363 035B | 0354 0360 0370 | 036F 036C 0351 | 0343 0357 0373 | 0377 0374 036C 0366 |
| 0361 035C 0357    | 0346 033A 033D | 0353 0363 035E | 0353 033F 033E | 035C 036B 0369 | 0369 0367 0364 | 0357 0343 033C | 0347 0360 0366 035C |
| 413               | 2017           | 30006          | 857            | 34             | 0              | 0.5180E 03     | 0.1380E 03          |
| 0503 0000 0000    | 0367 0360 035F | 034E 033D 032F | 0354 0366 0362 | 0357 034A 033C | 0357 036C 036C | 0369 036E 0367 | 0360 034F 033C 033F |
| 0385 037F 0367    | 035B 0364 0383 | 038E 038E 0377 | 036A 035E 037F | 0387 038F 0389 | 0394 038C 0380 | 036F 0364 0373 | 0383 038F 0382 037C |
| 421               | 2017           | 30006          | 872            | 35             | C              | 0.5180E 03     | 0.1380E 03          |
| 06C3 0000 0000    | 0393 0388 0380 | 036A 0361 0370 | 0386 038B 0383 | 0373 0364 036D | 0383 038B 0387 | 038E 0389 0383 | 037C 0363 035F 0373 |
| 03FF 03FF 03FF    | 03FF 03FF 03FF | 03FF 03FF 03FF | 03FF 03FF 03FF | 03FF 03FF 03FF | 03FF 03FF 03FF | 03FF 03FF 03FF | 03FF 03FF 03FF      |
| 421               | 2017           | 30006          | 891            | 36             | 0              | 0.5180E 03     | 0.1380E 03          |
| 1397 C.784000E-02 |                |                |                |                |                |                |                     |

|   |
|---|
| .3800E 020.1530E 030.3800E 020.4417E C5C.1997E 030.9986E C2C.1900E 020.7609E 010.2996E 010.4614E 000.2307E 00 |
| 2017 0.158133E 02 0.156800E 00 0.109525E 02 0.518000E 03 0.138000E 03   |
| 421 0.467451E 01 0.330928E 02 0.300851E 03 0.250311E 01 0.178624E 02  |
| 20 0.533175E 00 0.327690E 00 0.220074E 00 0.146831E 01 0.102577E 04   |

|           |           |           |           |           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0.0130844 | 0.0028890 | 0.0067103 | 0.0088427 | 0.0406059 | 0.0462310 | 0.0109521 | 0.0014063 | 0.0       | 0.0240059 |
| 0.0324817 | 0.0091484 | 0.0020635 | 0.0238148 | 0.0761600 | 0.0543705 | 0.0318091 | 0.0118463 | 0.0116323 | 0.0506256 |
| 0.0       | 0.0038061 | 0.0       | 0.0184343 | 0.0295927 | 0.0623877 | 0.0190075 | 0.0276820 | 0.0       | 0.0035921 |
| 0.0050289 | 0.0       | 0.0048455 | 0.0055563 | 0.0158663 | 0.0428835 | 0.0167376 | 0.0060225 | 0.0       | 0.0       |
| 0.0       | 0.0063282 | 0.0071689 | 0.0202991 | 0.0205131 | 0.0270553 | 0.0128169 | 0.0       | 0.0       | 0.0       |
| 0.0       | 0.0       | 0.0       | 0.0092783 | 0.0253663 | 0.0255038 | 0.0259318 | 0.0       | 0.0079332 | 0.0       |
| 0.0       | 0.0       | 0.0       | 0.0       | 0.0106769 | 0.0107763 | 0.0304181 | 0.0       | 0.0       | 0.0       |
| 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| 0.0       | 0.0       | 0.0       | 0.0       | 0.0128092 | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0154154 | 0.0       | 0.0       | 0.0       | 0.0       |
| 0.0       | 0.0       | 0.0004509 | 0.0015056 | 0.0014827 | 0.0009095 | 0.0       | 0.0       | 0.0       | 0.0       |
| 0.0002828 | 0.0       | 0.0002751 | 0.0012305 | 0.0030036 | 0.0028202 | 0.0       | 0.0003057 | 0.0       | 0.0       |
| 0.0015133 | 0.0       | 0.0006038 | 0.0013375 | 0.0024610 | 0.0047767 | 0.0010547 | 0.0       | 0.0       | 0.0010165 |
| 0.0052124 | 0.0007184 | 0.0014827 | 0.0008789 | 0.0104553 | 0.0092630 | 0.0022011 | 0.0       | 0.0       | 0.0056786 |
| 0.0060760 | 0.0021705 | 0.0038978 | 0.0022699 | 0.0215755 | 0.0268031 | 0.0060531 | 0.0011006 | 0.0       | 0.0108680 |
| 0.0198253 | 0.0       | 0.0020635 | 0.0168599 | 0.0252822 | 0.0366699 | 0.0147505 | 0.0064123 | 0.0062059 | 0.0438999 |
| 0.0126564 | 0.0129545 | 0.0       | 0.0185337 | 0.0733092 | 0.0515809 | 0.0290119 | 0.0155759 | 0.0054263 | 0.0167605 |
| 0.0050289 | 0.0       | 0.0048455 | 0.0140321 | 0.0246555 | 0.0730494 | 0.0254351 | 0.0235626 | 0.0       | 0.0       |
| 0.0       | 0.0063282 | 0.0071689 | 0.0295774 | 0.0458794 | 0.0525592 | 0.0387487 | 0.0       | 0.0079332 | 0.0       |
| 0.0       | 0.0       | 0.0       | 0.0       | 0.0234862 | 0.0261917 | 0.0420045 | 0.0       | 0.0       | 0.0       |
| 0.0043487 | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| 0.0079179 | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| 0.0127634 | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| 0.0349274 | 0.0009630 | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| 0.0684943 | 0.0123201 | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| 0.0568850 | 0.0913002 | 0.0237842 | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| 0.0256108 | 0.1240647 | 0.0796909 | 0.0028507 | 0.0035921 | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| 0.0050289 | 0.0133213 | 0.0644360 | 0.0710546 | 0.0167682 | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| 0.0063282 | 0.0071689 | 0.0132296 | 0.0339644 | 0.0761600 | 0.0259701 | 0.0174407 | 0.0079332 | 0.0       | 0.0       |
| 0.0       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0106769 | 0.0235855 | 0.0420045 | 0.0       | 0.0154154 |
| 0.0543399 | 0.1003875 | 0.1589767 | 0.1449752 | 0.0947318 | 0.0697706 | 0.0567627 | 0.0401779 | 0.0654448 | 0.0287367 |
| 0.0576416 | 0.0363718 | 0.0099738 | 0.0418975 | 0.0115864 | 0.0       | 0.0128092 | 0.0       | 0.0       | 0.0154154 |
| 0.0021705 | 0.0021782 | 0.0029883 | 0.0049296 | 0.0066033 | 0.0061601 | 0.0141085 | 0.0217818 | 0.0408199 | 0.0399945 |
| 0.0888240 | 0.0831454 | 0.1228800 | 0.1129292 | 0.0832677 | 0.0873413 | 0.0941815 | 0.0940134 | 0.0634577 | 0.0282247 |
| 0.0473697 | 0.0032252 | 0.0113189 | 0.0108527 | 0.0123965 | 0.0083917 | 0.0306551 | 0.0555704 | 0.0835734 | 0.1480170 |
| 0.1581361 | 0.1264874 | 0.1057374 | 0.0535222 | 0.0233868 | 0.0235702 | 0.0068173 | 0.0127481 | 0.0112578 | 0.0669657 |
| 0.0103024 | 0.0028890 | 0.0052200 | 0.0072224 | 0.0318855 | 0.0333759 | 0.0078567 | 0.0014063 | 0.0       | 0.0131226 |
| 0.0226072 | 0.0       | 0.0035539 | 0.0193514 | 0.0373501 | 0.0478665 | 0.0210940 | 0.0064123 | 0.0086898 | 0.0508166 |
| 0.0126564 | 0.0091484 | 0.0       | 0.0160421 | 0.0683338 | 0.0401168 | 0.0241205 | 0.0155759 | 0.0029425 | 0.0142843 |
| 0.0       | 0.0038061 | 0.0       | 0.0084758 | 0.0087892 | 0.0463838 | 0.0086974 | 0.0175401 | 0.0       | 0.0       |
| 0.0050289 | 0.0       | 0.0048455 | 0.0055563 | 0.0158663 | 0.0381297 | 0.0106387 | 0.0       | 0.0       | 0.0       |



|      |           |              |              |              |              |              |           |           |      |         |         |     |     |     |     |     |         |     |     |
|------|-----------|--------------|--------------|--------------|--------------|--------------|-----------|-----------|------|---------|---------|-----|-----|-----|-----|-----|---------|-----|-----|
| 0.0  | 0.0063282 | 0.0071685    | 0.0202991    | 0.0131379    | 0.0270553    | 0.0189158    | 0.0060225 | 0.0       | 0.0  |         |         |     |     |     |     |     |         |     |     |
| 0.0  | 0.0       | 0.0          | 0.0          | 0.0237919    | 0.0080249    | 0.0083077    | 0.0       | 0.0079332 | 0.0  |         |         |     |     |     |     |     |         |     |     |
| 0.0  | 0.0       | 0.0          | 0.0092783    | 0.0089497    | 0.0174790    | 0.0176242    | 0.0       | 0.0       | 0.0  |         |         |     |     |     |     |     |         |     |     |
| 0.0  | 0.0       | 0.0          | 0.0          | 0.0106769    | 0.0          | 0.0304181    | 0.0       | 0.0       | 0.0  |         |         |     |     |     |     |     |         |     |     |
| 0.0  | 0.0       | 0.0          | 0.0          | 0.0128092    | 0.0261917    | 0.0115864    | 0.0       | 0.0       | 0.0  |         |         |     |     |     |     |     |         |     |     |
|      | 421       | 0.158133E 02 | 0.156800E 00 | 0.467451E C1 | 0.330928E 02 | 0.250311E 01 |           |           |      |         |         |     |     |     |     |     |         |     |     |
|      | 421       | 0.138000E 03 | 0.518000E 03 | 0.784000E-02 | 0.130843E 06 | 0.102577E 04 |           |           |      |         |         |     |     |     |     |     |         |     |     |
| 719  | 727       | 737          | 743          | 745          | 788          | 798          | 823       | 827       | 828  |         |         |     |     |     |     |     |         |     |     |
| 835  | 844       | 854          | 875          | 879          | 894          | 904          | 925       | 932       | 938  |         |         |     |     |     |     |     |         |     |     |
| 965  | 1038      | 1050         | 1065         | 1083         | 1087         | 1108         | 1111      | 1171      | 1179 |         |         |     |     |     |     |     |         |     |     |
| 1195 | 1214      | 1305         | 1331         | 1344         | 1397         | 1410         | 1516      | 1676      | 2017 |         |         |     |     |     |     |     |         |     |     |
| 281  | 448       | 134          | 2911410      | 346          | 267          | 332          | 439       | 263       | 117  | 1561108 | 345     | 235 | 513 | 474 | 346 | 828 | 189     |     |     |
| 71   | 176       | 71           | 150          | 385          | 461          | 374          | 358       | 788       | 418  | 330     | 355     | 240 | 513 | 238 | 353 | 192 | 501     | 465 | 328 |
| 460  | 338       | 241          | 298          | 247          | 508          | 235          | 513       | 243       | 513  | 156     | 341     | 236 | 505 | 197 | 335 | 157 | 298     | 561 | 306 |
| 224  | 287       | 171          | 251          | 223          | 510          | 333          | 426       | 447       | 330  | 143     | 209     | 268 | 508 | 290 | 287 | 213 | 510     | 122 | 306 |
| 307  | 334       | 223          | 515          | 127          | 497          | 154          | 502       | 156       | 402  | 329     | 151     | 151 | 399 | 166 | 352 | 435 | 257     | 120 | 143 |
| 52   | 307       | 330          | 342          | 823          | 374          | 328          | 328       | 267       | 512  | 27      | 314     | 607 | 392 | 336 | 315 | 125 | 148     | 94  | 312 |
| 293  | 3701179   | 352          | 186          | 345          | 326          | 273          | 879       | 354       | 531  | 3701083 | 3251331 | 382 | 257 | 156 | 443 | 326 |         |     |     |
| 61   | 332       | 555          | 280          | 158          | 258          | 337          | 510       | 123       | 334  | 90      | 324     | 144 | 233 | 235 | 510 | 138 | 498     | 98  | 236 |
| 498  | 200       | 234          | 505          | 450          | 378          | 44           | 337       | 47        | 323  | 36      | 230     | 58  | 358 | 31  | 227 | 22  | 319     | 305 | 332 |
| 228  | 505       | 33           | 360          | 875          | 321          | 177          | 322       | 411       | 370  | 335     | 402     | 289 | 306 | 235 | 352 | 95  | 310     | 36  | 308 |
| 375  | 331       | 306          | 415          | 22           | 336          | 306          | 145       | 554       | 263  | 314     | 143     | 195 | 241 | 237 | 142 | 79  | 224     | 615 | 338 |
| 53   | 273       | 20           | 260          | 352          | 358          | 131          | 296       | 451       | 295  | 369     | 324     | 584 | 428 | 126 | 512 | 932 | 332     | 333 | 152 |
| 366  | 303       | 70           | 295          | 212          | 254          | 245          | 514       | 134       | 322  | 251     | 1501111 | 367 | 504 | 359 | 346 | 312 | 183     | 323 |     |
| 686  | 355       | 894          | 345          | 737          | 367          | 57           | 341       | 180       | 332  | 66      | 284     | 60  | 390 | 296 | 147 | 212 | 516     | 226 | 453 |
| 111  | 342       | 256          | 295          | 835          | 335          | 28           | 221       | 408       | 197  | 745     | 365     | 308 | 328 | 107 | 139 | 290 | 5101171 | 306 |     |
| 510  | 357       | 190          | 404          | 334          | 1441065      | 323          | 96        | 219       | 108  | 141     | 299     | 323 | 504 | 363 | 176 | 366 | 59      | 489 |     |
| 658  | 147       | 37           | 302          | 62           | 356          | 49           | 302       | 205       | 502  | 156     | 516     | 608 | 433 | 32  | 333 | 320 | 385     | 25  | 285 |
| 378  | 431       | 123          | 328          | 94           | 375          | 473          | 406       | 62        | 329  | 589     | 293     | 86  | 347 | 48  | 317 | 312 | 370     | 271 | 383 |
| 712  | 316       | 47           | 3641516      | 370          | 345          | 5181038      | 466       | 468       | 377  | 938     | 229     | 325 | 327 | 844 | 325 | 556 | 342     |     |     |
| 396  | 351       | 373          | 326          | 196          | 508          | 240          | 366       | 719       | 338  | 28      | 351     | 137 | 345 | 56  | 146 | 552 | 334     | 344 | 514 |
| 333  | 296       | 102          | 335          | 243          | 405          | 246          | 2581087   | 392       | 139  | 509     | 379     | 370 | 413 | 317 | 290 | 407 | 270     | 227 |     |

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676 310 84 3701050 322 252 147 184 147 166 325 256 495 144 433 470 516 168 300  
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269 278 152 345 230 142 25 306 328 144 492 338 698 362 171 160 705 314 37 151  
696 345 237 278 240 283 247 284 577 434 610 347 88 311 330 377 306 362 430 351  
163 400 135 311 97 318 76 329 965 302 266 297 472 293 115 506 40 425 622 354

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329 302 233 360 431 379 434 415 542 356 82 341 420 425 472 342 133 352 223 315  
240 310 213 302 213 511 283 395 267 352 425 326 294 355 91 491 191 295 242 507  
236 313 112 317 798 394 370 310 371 209 29 308 217 346 21 320 373 503 137 338  
131 341 99 490 38 286 634 245 94 183 138 347 50 322 186 293 1305 377 74 487

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297 310 376 332 27 283 702 340 27 357 109 501 416 307 147 311 242 364 127 504  
325 478 332 147 265 349 100 310 112 355 20 284 21 350 225 505 234 338 57 346  
262 320 220 138 223 331 182 330 181 351 117 335 141 194 33 305 105 140 415 271  
56 300 79 306 44 348 381 262 316 332 191 296 140 351 21 275 180 168 153 351  
390 298 31 269 308 355 301 349 110 367 106 362 50 312 93 325 133 144 320 391  
108 330 21 361 231 143 50 346 43 294 727 287 246 379 40 262 352 369 324 512  
133 315 65 312 31 266 52 334 24 305 22 284 562 339 382 327 418 193 310 369  
37 330 99 345 305 470 827 259 45 353 37 331 103 507 176 337 63 344 128 363  
132 370 249 2961214 290 56 273 743 335 139 267 161 362 77 344 173 304 127 302

017 356 171 362 81 351 904 280 433 348 226 325 187 351 26 304 139 357 114 311  
115 284

STOP 0  
EXECUTION TERMINATED

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JOB NO. 056497

UNIVERSITY OF MICHIGAN TERMINAL SYSTEM (MODEL UN149)

02:24.45 12-16-69

USER: CCRL  
CHARGE NBR: OORL

\*\*\*\* CN AT 02:24.53  
 \*\*\*\* OFF AT 02:30.15  
 \*\*\*\* ELAPSED TIME 321.41 SEC.  
 \*\*\*\* CPU TIME USED 85.804 SEC.  
 \*\*\*\* STORAGE USED 3678.173 PAGE-SEC.  
 \*\*\*\* CARDS READ 280  
 \*\*\*\* LINES PRINTED 602  
 \*\*\*\* PAGES PRINTED 19  
 \*\*\*\* CARDS PUNCHED 44  
 \*\*\*\* DRUM READS 0  
 \*\*\*\* APPROX. COST OF THIS RUN \$10.02

\*\*\*\* FILE STORAGE 121 PG-HR. \$.03

\*\*LAST SIGNON WAS: 14:29.14 12-15-69

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