anananana	111111111111111111		5555555		
anananana	10111111111111111		5555555		
anthother	THITTI	77777777777777		5555555	
111		777	535		
100		TT	355		
111		77	353		
111	1	TT	353		
700	7	77	555		
111		77	555		
1111	1	11	5555550		
111		77	5555550		
1111		77	53355E. (9)		
hit		11			
1111	7	77			
1111	Y	77			
tit	7	TT	555	68	
111	T	77	333		
1111		17	555		
Anthonon	*	TT	555		
ANANTARA	777		5555550		
annonnan	777		5.4222		
111	****			1888	
111	33333333		3.33585FFFF		
111	333333333		250	1950	
aannan				-	
111111	333	333	838	100	
1111111	333	222	888		
1111	0.02	333	355	3 80	
1111		333 848 333 948888 333 948888			
thh		333	2443		
101		333			
1111	333333		995	90	
1111	333333		388	100	
1111	333353		8.98		
han		233	398		
III		333	892	-	
111	333	333	588	2	
434	333	3.53	9.68		
111	335	333	888		
anananan	77.75.76	333333333		995 995 995	
221222212	22000	333333333		****	
anananan	33333333		+ 25 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	2201333382		diam.		

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```
003
                              TITLE ITS 1.0 3/19/67 MOBY==1
 004
                              JAC DEFS
 005
006
007
                              A=1
B=2
C=3
D=4
 008
009
010
011
 012
013
014
015
016
017
018
019
020
                              Q=10
                              J=11
R=12
P=15
T=16
                                             DO NOT CHANGE!
                              U=17
 021
022
023
024
                              10817==1
                                                           SIGBIT IN MAP
                                                           SRIGHT HALF BITS IN PIRGC
51Z TYPED
SEAD 100
                              TTYIF==1
BCNTRZI==2
BPIP1==4
AROIF==10
 025
026
027
028
029
                                                           BAD LOC 42
BAROV
                                                           SAROV

SILLEGAL INSTRUCTION VIOLATION

SMEMORY PROTECTION VIOLATION

SCHANNEL ERROR

SVALUE RETURN

JUSER DOES NOT HAVE THAT MUCH CORE

JUSER DOES NOT HAVE

SEREAKPOINT FLAG

JUTAPE FULL

JONN-EX MEM

MEM
                              BILLOP==40
BIOADC==20000
 030
                               BIOCER==400
VALRTF==200
031
032
033
              034
035
036
037
038
039
040
                                                           $1MAGE INPUT $8115 IN TTYSTS
$*DDT* MODE
$1MAGE OUTPUT
                              TTYIMI==1
TTYDDT==2
041
042
                              TTYIMO==4
044
045
                                                            $BITS IN RH MSKST
$ENABLE TTY INT
                              BTINTE==1
047
048
                              CLKON==2001
CLKOFF==1001
                                                            SABSOLUTE
050
                              APRCHN==7
                                                            DO NOT CHANGE
051
                              BADPC==5037
                               LSRMOD==10000
              UUOMIN==40000,

UUOMAX==46000,

001 054 AUUO=UUOMAX ;USE TO SAVE CONDS ON ILLOP
053
054
056
```

PAGE 1

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PAGE 2
001
                                                 SMAX SYS 1K BLOCKS
          001 002 IFE MOBY, MX1KB==12.
003
         001 002 IFN MOBY, MX1KB==250.
001 002 IFE MOBY, MX10B==30.
                                               #MAX DYN ALLOCALLOC 10 BUFFERS
005
          001 002 IFN MOBY, MX 108 == 400
006
                                       SMAX SIZE TRANSLATION TABLE SLENGTH OF ENTRY IN TRANSLATION TABLE
                    SIOMT == 30
008
                    SIOML == 8
009
        010
011
013
 015
 016
                    TTYCHN==5
DISCHN==6
                                       STTY CHANNEL
 018
019
020
          021
                    CUINT==5000+UTCCHN

SCLKI==15. ISLOW CLOCK PER REG CLOCK TAKE

MXOPT==8. ISLOW CLOCK MAX UT OF CAN PROCED.

NINFP==8. ISLOW CLOCK MAX UT OF INF. PROCED.
 023
 024
025
026
                    METOF=6 SOFFSET BETWEEN CONTENTS OF MEMOP AND HIGHEST ACT
 027
 029
030
031
                    GTY1=70 :DEVICE FOR GE TYPEIN
GTY0=750 :DEVICE FOR GE TYPOUT
 032
                    VID=754
                                       SVIDISUCKER
```

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PAGE 4

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001
002
003
004
                           003 004 SUBTTL TSS INITIALIZATION
                                                                               CONO 533550
CONO PI 120000+11577
SETOM DISUSR
SETOM DISOFF
005
006
007
008
009
010
011
012
013
014
015
016
017
                           117 013
047 035
                                                                            SETOM DISOFF
COND DIS.100
MOVE! A.4
COND TIY.#TTYLT(A)
DATA! TIY,
COND TTY.3500+TTYCHN
SUJGE A.BAR
CLEARM USRH!
CLEARM USRH!
CLEARE U.USER
MOVE P.USRPDL(U)
PUSHJ P.GEK!
MOVN! T.1
PUSHJ P.USTRA
JRST .-1
MOVE! 9.SYSB-1
PUSHJ P.ACORE
JFCL
                            001 006
070 021 BAR:
                           002 017
004 010
117 014
117 011
118 056
080 002
001 017
012 018
   019
020
021
022
                           117 034
034 004
   023
                                                                              JFCL
CLEARM USTP
                           118 027
002 021
001 050
116 003
   025
026
027
                                                                             CONO PI,UTCON+200
CONO 3000+APRCHN
JRST SCOR
  028
029
                                                    PAT:
                                                                             BLOCK 200
```

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CLKBRKI 0

CONSO 1000

JRST CLKB1

SKIPL CDSOFF

SKIPGE DISOFF

JRST DSTPD

AOSG DISON

JRST DSTRT

CONO 1000+APRCHN

AOSG CLKFL1

JRST 12-*CLKBRK :EVERY 1/30 SEG

SETOM CLKFL1

AOS TIME

SOSLE CUGUAN

JRST 12-*CLKBRK

EXCH P.CPDLP

PUSH P.U

MOVE T.SLCK

KSRI: MOVE U.USER

JRST CLKBRK

SKIPLU

MOVEM T.UPC(U)

PUSHJ P.SEARCH :SCHEDULE NEW

SKIPLU

MOVEM T.UPC(U)

PUSHJ P.SEARCH :SCHEDULE NEW

SKIPLU

SCI: HRROI U.ECPDL-ACI6S

POP P.ACI7S(U)

EXCH P.CPDLP

JSR SWITCH

MOVEM T.CLKBRK

MOVE T.ACI6S(U)

EXCH P.CPDLP

JSR SWITCH

MOVEM T.CLKBRK

MOVE T.ACI6S(U)

JRST 12.*CLKBRK

MOVE T.ACI6S(U)

JRST 12.*CLKBRK

MOVE T.ACI6S(U)

JRST 12.*CLKBRK

MOVE M.A.DISPTR

MOVEM A.DISPTR

MOVEM A.DISPTR

MOVEM A.DISPTR

MOVEM A.DBLKOP

CONO DIS.100\SDC

JRST
          001
002
003
004
005
                                                        DIP DOS SUBTTL PROCESSOR BREAK ROUTINES
                                                      006 012
047 035
047 035
005 011
046 039
005 042
001 050 DSTPD:
117 019
017 019
117 019
117 019
117 020
005 003
117 021
005 003
117 021
005 003
          005
       011
012
013
014
015
016
017
018
019
                                                      001 017

001 018

117 029

117 018

007 003

117 011 CLKSR1:

005 003 CLKSR:

001 018

118 009

008 003

117 011 CL818:

006 002

006 002

001 018
        022
      023
024
025
       026
      027
      029
    030
031
032
                                                      001 018
118 012 CLKSC1:
118 013
118 012
    033
034
035
                                                    117 021
011 005
005 003
118 012
118 013
005 003
    036
    037
   039
  040
                                                                                                                                                      MOVEM A.DISA
MOVE A.DISPTR
MOVEM A.DBLKOP
CONG DIS.100\SDCHN+3\DISCHN
MOVE A.DISA
JRST DSTPD
                                                   047 033 DSTRT:
046 037
046 038
002 018
047 033
   042
  043
  045
046
                                                    005 011
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```
001
                 002
 004
 005
                                                  POP P.U
POP P.T
EXCH P.CPDLP
JRST 12. CLKBRK SEXIT WHEN NO SAF OCCURS
                  001 018 CLKB5:
001 017
117 021 CLKB3:
 007
 009
 010
                  005 003
                                 CLKB1: CONSZ PI.100000
JRST PARBEK
EXCH P.CPDLP
PUSH P.T
PUSH P.U
MOVE U.USER
MOVE T.CLKBRK
CONST.
 012
 013
                  006 030
117 021
                                                                               FNOT A CLOCK BEEN
                  001 017
001 018
117 011
005 003
  015
 016
  018
 019
                                                   CONSC 10
  021
                                                  JRST CLB1A
TLZ T.400000
MOVEM T.CLKBRK
SKIPN PICLR(U)
                                                                                    INOT AROV
                  001 017
005 003
118 035
  023
  024
                  006 007
001 027
118 033
                                                  JRST CLKB5
MOVEL T. AROLF
LORM T. PIROC(U) ; SET USER AROV [V]
  026
 027
                  005 025
                                                  JRST CLKSR
 029
030
031
                                PARBRK: CONO PI.120000
AOS PARERR
JRST 12. CLKBRK
                 006 034
005 003
 032
 033
                                 PARERR: 0
 035
                                                                                  *NOT PROCESSON

**ERROR IN EAEL NOBE-SYSTEM DEAD!
 037
                                CLB1A: CONSO 230000

JRST CLKB5 ;NI
TLNN T.LSRMOD
JRST 4.. ;EI
MOVEM T.UPC(U)
CONI 1(P)
MOVEI T.230000
ANDM T.1(P)
CONO 430000+APRCHN
MOVEI T.BADBTS
IOR T.MSKST(U)
AND T.1(P)
JUMPE T.CIKB5
                006 007
001 052
 039
040
 042
                 118 009
 044
                001 017
045
                001 017
                001 017
001 050
001 039
118 036
001 017
047
                                                 AND Tal(P)
JUMPE Tackes
IORM Tapiroc(U) #BLAME IT ON TO SER
JRST CLKSR1
049
050
                006 007
118 033
052
                005 024
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PAGE 7
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PAGE 8
                                        117 011 SUBTTL USER SCHEDULER
                                      117 011 SUBTIL USER SCHEDULER

117 025 SEARCH: CLEARM SCRFG1
117 030 CLEARM SRCS
117 009 SETOM UO
117 025 SKIPL T.UTTYST
012 003 JRST USTART
101 016 SKIPGE U
001 018 SKIPGE U
001 018 MOVEI U.O
118 062 SEARL: ADDI ULUBLK
117 014 CAML ULUSKHI
001 018 MOVEI U.O
118 027 SKIPE UNAME(U)
118 027 SKIPE UNAME(U)
118 027 SKIPE UNAME(U)
118 027 SKIPE USTP(U)
009 023 JRST SEARW
118 033 SEARLP: SKIPN PIRQC(U)
009 013 JRST SEARW
118 035 SKIPE PICLR(U)
118 035 SKIPE PICLR(U)
118 035 SKIPE PICLR(U)
118 035 SKIPE PICLR(U)
118 036 IOR T.MSKST(U)
118 037 JUMPE T.SEAR2
010 003 PUSHJ P.SBRK1
009 038 PUSHJ P.SBRK1
009 031 JUMPE T.SEARC
010 003 PUSHJ P.SCLSR
010 003 PUSHJ P.SCLSR
010 003 PUSHJ P.PCLSR
017 T.SECARC
002
 005
006
007
008
                                                                                                                                                                                                                    INEW USER START HIM UP
                                                                                                                                                                                                                   FIND NEXT USER COMING OUT OF I-O WAIT
FOR, IF NONE, WEST USER
    009
    010
011
012
013
014
015
016
017
                                                                                                                                                                                                                  SINTERRUPT USER IF REQUESTED
                                                                                                                              MOVE T. PIRQC(U)
JRST SEAR2
MOVEI T. BABBTS ;
SKIPE PICLR(U)
IOR T. MSKST(U)
AND T. PIRQC(U)
JUMPE T. SEAR2
CAMN U.USER
PUSHJ P. SBRK1 ;
PUSHJ P. PCLSR
JRST SEARC
MOVE T. PIRQC(U)
ANDOM T. MSKST(U)
ANDIT T. BABBTS
SKIPE PICLR(U)
JUMPE T. SBRK69
PUSHJ P. INTSUP
JRST SEARW
         019
020
021
022
023
024
025
026
027
028
029
                                                                                                                                                                                                                    SNOT ENABLED I NOT BAD
                                                                                                                                                                                                                    SWANT TO IN CURRENT LOSER; STORE MACHINE CONDITIONS
                                                                                                                                                                                                                  CAN'T INTERRUPT NOW
                                                  010 003
009 021
118 033
118 036
001 039
118 035
008 037
010 029
009 023
            030
031
032
033
034
035
036
037
038
039
040
041
                                                                                                                                                                                                                  JUSER LOSES TOO BADLY, INTERRUPT SUP. PROCEDURE
                                                                                                                               JRST SEARW

CLEARM PICLR(U) ; INTERRUPT LOSEN
CONO PI,UTCOFF-<200--<APRCHN,
PUSH P.PIRGC(U)
CLEARM PIRGC(U)
CONO PI,UTCON-<200--<APRCHN,
MOVE T.UPR(U)
HRRZ T.42(T)
CAIL T.20
CAHL T.MEMTOP(U)
JRST SERR
TLO T.LSRMOD
PUSH P.T
ADD T.UPR(U)
PUSH T.UPR(U)
AOS (P)
POP P.UPC(U)
POP P.-1(T)
                                                      118 035 SBRK69:
001 050
                                                      001 050
118 033
118 033
001 050
118 024
001 017
001 017
118 041
109 033
001 052
001 017
118 024
118 009
                043
044
045
046
047
048
049
050
051
052
053
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ISLOW CLOCK SERVICE ROUTINE

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001

002 024 SSLCK: 117 029

SSLCK1:

ADDI T, SCLKI
MOVEM T, SLCLK
CONSO UTC, 4000 ;TIME FLG
SKIPGE UIDLE
JRST SSLCKI
MOVE T, TIME
SUB T, LUTOTM
CAIGE T, MXOPT*SCLKI
JRST SSLCKI
SETOM UTHERR
CONO UTC, CUINT
AOSN UIDLE
CONO UTC, CUINT
JRST CLKSRI