

| ADDRESS | LENGTH |
|---------|--------|
| 0 | 5 |
| 5 | |

BINARY CONTROL CARDS.

| | |
|-------|--------|
| IDENT | SYSPAR |
| END | |

ENTRY POINTS.

| | | | | | | | | | | | |
|---------|---|----|---------|---|------|---------|---|----|---------|---|----|
| S.NUMTT | - | 60 | MOTSIZE | - | 4230 | DISKRB2 | - | 4 | DISKWB2 | - | 14 |
| S.CMFL | - | 0 | DISKRQC | - | 50 | DISKRB3 | - | 14 | DISKWB3 | - | 14 |
| S.ECSRA | - | 2 | DISKRBO | - | 4 | DISKWB0 | - | 14 | | | |
| S.ECSFI | - | 3 | DISKRBI | - | 4 | DISKWB1 | - | 14 | | | |

| | | | | |
|---|-----------------------|---------------|---------------------------------|--|
| | | IDENT | SYSPAR | |
| | | ENTRY | S.NUMTT | |
| | 60 | EQU | 60B | NUMBER OF TTY S TO CONSTRUCT |
| | | | | |
| | | ENTRY | S.CMFL,S.ECSRA,S.ECSFL | |
| | | | | ORDER OF THE FOLLOWING ITEMS NEEDED BY INI |
| | | | | DO NOT CHANGE |
| | | | | THE 2 ZERO WORDS ARE INCLUDED |
| 0 | 000000000000000100000 | S.CMFL | DATA | 32768 |
| 1 | 000000000000000070000 | | DATA | 070000B |
| 2 | 000000000000000606501 | S.ECSRA | DATA | 200001 |
| 3 | 000000000000001111740 | S.ECSFL | DATA | 300000 |
| 4 | 000000000000000000000 | | DATA | 0 |
| | | | | |
| | | ENTRY | MOTSIZE | |
| | 4230 | EQU | 2200 | |
| | | | | |
| | | | | DISK DEFINITIONS |
| | | ENTRY | DISKRQC | |
| | | ENTRY | DISKRB0,DISKRB1,DISKRB2,DISKRB3 | |
| | | ENTRY | DISKWB0,DISKWB1,DISKWB2,DISKWB3 | |
| | | | | |
| | 50 | DISKRQC | EQU | 40 TOTAL REQUESTS ALLOWED |
| | | | | |
| | 4 | DISKRB0 | EQU | 4 64 WD READ BUFFERS |
| | 4 | DISKRB1 | EQU | 4 129 WD |
| | 4 | DISKRB2 | EQU | 4 257 WD |
| | 14 | DISKRB3 | EQU | 12 513 WD |
| | | | | |
| | 14 | DISKWB0 | EQU | 12 64 WD WRITE BUFFERS |
| | 14 | DISKWB1 | EQU | 12 129 WD |
| | 14 | DISKWB2 | EQU | 12 257 WD |
| | 14 | DISKWB3 | EQU | 12 513 WD |
| | | | | |
| | | END | | |
| 5 | | | | |
| | 35166 | STORAGE USED | 46 STATEMENTS | 14 SYMBOLS |
| | | 6600 ASSEMBLY | 0.290 SECONDS | 28 REFERENCES |

SYSPAR
SYMBOLIC REFERENCE TABLE.

| | | | | |
|---------|------|----------|--------|--------|
| DISKRBO | 4 | | 2/30 E | 2/35 D |
| DISKRB1 | 4 | | 2/30 E | 2/36 D |
| DISKRB2 | 4 | | 2/30 E | 2/37 D |
| DISKRB3 | 14 | | 2/30 E | 2/38 D |
| DISKRQC | 50 | | 2/29 E | 2/33 D |
| DISKWB0 | 14 | | 2/31 E | 2/40 D |
| DISKWB1 | 14 | | 2/31 E | 2/41 D |
| DISKWB2 | 14 | | 2/31 E | 2/42 D |
| DISKWB3 | 14 | | 2/31 E | 2/43 D |
| MOTSIZE | 4230 | | 2/21 E | 2/23 D |
| S.CMFL | 0 | PROGRAM* | 2/07 E | 2/13 L |
| S.ECSFL | 3 | PROGRAM* | 2/07 E | 2/16 L |
| S.ECSRA | 2 | PROGRAM* | 2/07 E | 2/15 L |
| S.NUMTT | 60 | | 2/02 E | 2/03 D |

ADDRESS LENGTH

6 17
17

BINARY CONTROL CARDS.

IDENT SYSYMB
END

ENTRY POINTS.

| | | | | | | | | | | | |
|---------|---|---|---------|---|----|---------|---|----|---------|---|----|
| S.SAVE1 | = | 0 | S.CHARG | = | 3 | S.QUANT | = | 4 | T.LOCK | = | 13 |
| S.SAVE2 | = | 1 | S.SYSYM | = | 7 | S.INTIM | = | 6 | I.WAIT | = | 14 |
| S.MASTD | = | 2 | S.USRTM | = | 10 | S.IDLTM | = | 12 | S.USFRA | = | 15 |
| S.OLDTM | = | 5 | S.SWPTM | = | 11 | CLKWAIT | = | 31 | S.USPBI | = | 16 |

| | | IDENT | SYMBOL | |
|----|----------------------|-------|--|--|
| 0 | | ENTRY | S.SAVE1, S.SAVE2 | |
| 1 | | BSS | 1 | |
| | | BSS | 1 | |
| | | ENTRY | S.MASTP, S.OLDTM, S.CHARG, S.SYSTM, S.USRTM, S.SWPTM | |
| | | ENTRY | S.QUANT, S.INTIM | |
| | | ENTRY | S.IDLTM | |
| 2 | | BSSZ | 1 | MASTER CLOCK |
| 3 | | BSSZ | 1 | CHARGE CLOCK |
| 4 | 40000000000000000000 | VFD | 1/1,59/0 | QUANTUM CLOCK |
| 5 | | BSSZ | 1 | TIME OF LAST CLOCK UPDATE BY ECS SYSTEM |
| 6 | | BSSZ | 1 | TIME CURRENT PROCESS WAS SWAPPED IN |
| 7 | | BSSZ | 1 | SYSTEM TIME |
| 10 | | BSSZ | 1 | USER TIME |
| 11 | | BSSZ | 1 | SWAP TIME |
| 12 | | BSSZ | 1 | IDLE TIME |
| | | ENTRY | CLKWAIT | |
| | 31 | EQU | 25 | DELAY IN 2'S OF MICROSECONDS TO BE SURE QUANTUM CLOCK IS RESET |
| | | ENTRY | I.LOCK, I.WAIT | |
| 13 | | BSS | 1 | |
| 14 | | BSSZ | 1 | |
| | | ENTRY | S.USERA, S.USERB1 | |
| 15 | | BSS | 1 | CM ADDR FOR PPU CHECKING OF RA+1 |
| 16 | | BSS | 1 | |
| 17 | | END | | |

35166

STORAGE USED
6600 ASSEMBLY

31 STATEMENTS
0.238 SECONDS

16 SYMBOLS
32 REFERENCES

SYSTEM SYMBOLS AND CELLS
SYMBOLIC REFERENCE TABLE.

COMPASS - VER 2.

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| | | | | |
|---------|----|----------|--------|--------|
| CLKWAIT | 21 | | 2/19 E | 2/20 D |
| I.LOCK | 13 | PROGRAM* | 2/23 E | 2/24 L |
| I.WAIT | 14 | PROGRAM* | 2/23 E | 2/25 L |
| S.CHARG | 3 | PROGRAM* | 2/06 E | 2/10 L |
| S.IDLTM | 12 | PROGRAM* | 2/08 E | 2/17 L |
| S.INTIM | 6 | PROGRAM* | 2/07 E | 2/13 L |
| S.MASTR | 2 | PROGRAM* | 2/06 E | 2/09 L |
| S.OLDTM | 5 | PROGRAM* | 2/06 E | 2/12 L |
| S.QUANT | 4 | PROGRAM* | 2/07 E | 2/11 L |
| S.SAVE1 | 0 | PROGRAM* | 2/02 E | 2/03 L |
| S.SAVE2 | 1 | PROGRAM* | 2/02 E | 2/04 L |
| S.SWPTM | 11 | PROGRAM* | 2/06 E | 2/16 L |
| S.SYSTM | 7 | PROGRAM* | 2/06 E | 2/14 L |
| S.USERA | 15 | PROGRAM* | 2/27 E | 2/28 L |
| S.USRB1 | 16 | PROGRAM* | 2/27 E | 2/29 L |
| S.USRTM | 10 | PROGRAM* | 2/06 E | 2/15 L |