

# APPENDIX C

## PHYSICAL DEVICE NAMES

<u>Mnemonic</u>	<u>Device</u>	<u>Radix-50 Equivalence</u>
DC	RC11 Disk	014570
DF	RF11 Disk	014760
DK	RK11 Disk	015270
DT	DECTape (TC11)	016040
KB	ASR-33 Keyboard/Teletype	042420
LP	Line Printer (LP11), LS11	046600
MT	Magtape (TM11/TU10)	052140
PP	High-Speed Paper Tape Punch	063200
PR	High-Speed Paper Tape Reader	063320
PT	ASR-33 Paper Tape Device	063440
CR	Card Reader (CR11/CD11/CM11)	012620
SY	System Residence Device (DC, DF, or DK)	075250
CT	TAll Cassette	012740
DP	RP11	015600
DPB	RP11 Disk	015602

- a. Device mnemonics may be three letters on a particular system. The third letter is assigned if there is more than one controller, e.g.:

DTA for DECTape controller "A"  
DTB for DECTape controller "B"

- b. The RP11 controller can use two sets of external page addresses to accommodate DP and DPB:

176710 through 176736 for DP.  
171710 through 171736 for DPB.

The .STAT EMT returns either DP or DPB depending on the page address being used. .STAT is described in Section III.

- c. The device name may be followed by an octal number to identify a particular unit when the controller has several device units associated with it, e.g.:

DT1 indicates unit 1 under a single DECTape control.

DTA1 indicates unit 1 under controller A in a multicontrol situation.

The Radix-50 equivalence is derived in accordance with the following formula:

$$(((C_1 \times 50_8) + C_2) \times 50_8) + C_3$$

where  $C_n$  is a character (legal characters are A-Z, space, \$, period, and 1-9). These characters are assigned values from 0 (for space) through 47<sub>8</sub> (for 9).

