SCB.ASM

System Control Block Definition for CP/M3 BIOS CP/M RMAC ASSEM 1.1 #001 SYSTEM CONTROL BLOCK DEFINITION FOR CP/M3 BIOS

title 'System Control Block Definition for CP/M3 BIOS'

public @civec, @covec, @aivec, @aovec, @lovec, @bnkbf

public @crdma, @crdsk, @vinfo, @resel, @fx, @usrcd

public @mltio, @ermde, @erdsk, @media, @bflgs

public @date, @hour, @min, @sec, ?erjmp, @mxtpa

FE00 = scb$base equ 0FE00H ; Base of the SCB

FE22 = @CIVEC equ scb$base+22h ; Console Input Redirection

; Vector (word, r/w)

FE24 = @COVEC equ scb$base+24h ; Console Output Redirection

; Vector (word, r/w)

FE26 = @AIVEC equ scb$base+26h ; Auxiliary Input Redirection

; Vector (word, r/w)

FE28 = @AOVEC equ scb$base+28h ; Auxiliary Output Redirection

; Vector (word, r/w)

FE2A = @LOVEC equ scb$base+2Ah ; List Output Redirection

; Vector (word, r/w)

FE35 = @BNKBF equ scb$base+35h ; Address of 128 Byte Buffer

; for Banked BIOS (word, r/o)

FE3C = @CRDMA equ scb$base+3Ch ; Current DMA Address

; (word, r/o)

FE3E = @CRDSK equ scb$base+3Eh ; Current Disk (byte, r/o)

FE3F = @VINFO equ scb$base+3Fh ; BDOS Variable "INFO"

; (word, r/o)

FE41 = @RESEL equ scb$base+41h ; FCB Flag (byte, r/o)

FE43 = @FX equ scb$base+43h ; BDOS Function for Error

; Messages (byte, r/o)

FE44 = @USRCD equ scb$base+44h ; Current User Code (byte, r/o)

FE4A = @MLTIO equ scb$base+4Ah ; Current Multi-Sector Count

; (byte,r/w)

FE4B = @ERMDE equ scb$base+4Bh ; BDOS Error Mode (byte, r/o)

FE51 = @ERDSK equ scb$base+51h ; BDOS Error Disk (byte,r/o)

FE54 = @MEDIA equ scb$base+54h ; Set by BIOS to indicate

; open door (byte,r/w)

FE57 = @BFLGS equ scb$base+57h ; BDOS Message Size Flag (byte,r/o)

FE58 = @DATE equ scb$base+58h ; Date in Days Since 1 Jan 78

; (word, r/w)

FE5A = @HOUR equ scb$base+5Ah ; Hour in BCD (byte, r/w)

FE5B = @MIN equ scb$base+5Bh ; Minute in BCD (byte, r/w)

FE5C = @SEC equ scb$base+5Ch ; Second in BCD (byte, r/w)

FE5F = ?ERJMP equ scb$base+5Fh ; BDOS Error Message Jump

; (word, r/w)

FE62 = @MXTPA equ scb$base+62h ; Top of User TPA

; (address at 6,7)(word, r/o)

0000 end