

Concurrent CP/M-86™

Operating System

Version 2.0

Release Notes

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**Concurrent CP/M-86™
Version 2.0
Release Notes**

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The following is a list of the documentation for Concurrent CP/M-86.

- Concurrent CP/M-86 Operating System Version 2.0 Release Notes
- Concurrent CP/M-86 Operating System User's Guide
- Concurrent CP/M-86 Operating System Programmer's Reference Guide
- Concurrent CP/M-86 Operating System Programmer's Utilities Guide
- Concurrent CP/M-86 Operating System System Guide
- Concurrent CP/M-86 Operating System Application Notes
- Concurrent CP/M-86 Operating System OEM Redistribution Guide
(The OEM Redistribution Guide is supplied only to OEM customers.)

There are three disks included in the Concurrent CP/M-86 package:

- The first disk contains the Concurrent CP/M-86 utility programs.
- The second disk contains system generation files and utilities. This disk also contains ASM86.COM and GENCMD.COM for development and cross-assembly on CP/M® systems.
- The third disk contains the source code for a sample XIOS that runs on the IBM® Personal Computer, and the source to several Resident System Processes (RSPs) you might want to modify.

Disk 1. Utilities

ASM86.COM	8086 assembler
DATE.COM	Display and set time of day
DDT86.COM	8086 debugger
DIR.COM	Display files directory
ED.COM	Program and text editor
ERA.COM	Erase files
ERAQ.COM	Erase files with query
GENCMD.COM	CMD file generation utility
HELP.COM	Help utility
HELP.HLP	Data file for help utility
INITDIR.COM	Directory date stamp initialization utility
PIP.COM	Peripheral Interchange Program
REN.COM	Rename files
SDIR.COM	Expanded files display
SET.COM	Set file attributes and passwords
SHOW.COM	Show system attributes
SUBMIT.COM	Batch processing utility
SYSTAT.COM	Display system status
TYPE.COM	Type ASCII files
VCMODE.COM	Virtual Console control

Disk 2. System Generation Files

ABORT.RSP	Abort process RSP
ASM86.COM	8080 release of ASM-86™
BDOS.CON	Concurrent CP/M-86 Disk System module
CIO.CON	Concurrent CP/M-86 Character I/O module
CLOCK.RSP	Clock RSP (source included on Disk 3)
DIR.RSP	Directory RSP (can replace DIR.COM)
GENCCPM.COM	Concurrent CP/M-86 System Generation utility
GENCCPM.IN	Sample GENCCPM command input script
GENCMD.COM	8080 release of GENCMD
MEM.CON	Concurrent CP/M-86 Memory Management module
PIN.RSP	Keyboard input handler RSP
RTM.CON	Concurrent CP/M-86 Real Time Monitor module
SUP.CON	Concurrent CP/M-86 Supervisor module
SYSDAT.CON	Concurrent CP/M-86 System Data module
TMP.RSP	Terminal Message Processor RSP (source on Disk 3)
VOUT.RSP	Virtual Console output handler RSP

Disk 3. Source Files

○ BOOT.A86	Sample Bootstrap Loader
CLOCK.A86	System clock RSP source
ECHO.A86	Sample command argument Echo RSP
○ LBDOS.A86	Loader BDOS module
○ LOAD.A86	Sample Loader Source
○ TCOPY.A86	Sample Track Writer Program Source
TMP.A86	Terminal Message Processor RSP source
○ XIOS.A86	Sample XIOS source

Concurrent CP/M-86™
Version 2.0
User's Guide Corrections

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Page 3-29: correction to the manual

PIP Options

In the first, second, and fifth examples there are illegal spaces between the end of the filespec and the bracket enclosing the option. PIP will not work if you include these spaces.

Page 3-34: addition to the manual

SDIR [ATTRIBUTES]

Normally, SDIR shows this "Attributes" field information in full displays:

```
DIR|SYS
RW|RO
Arcv| (blank)
```

If you use the ATTRIBUTES option, SDIR replaces the "Arcv" information with "A1234" information, indicating which file attributes are turned on. For example, if you want to see if any files starting with "WS" have file attributes set, you would type

```
SDIR WS*.* [ATTRIBUTES]
```

Page 3-40: addition to the manual

SET [DEFAULT = password]

The default password must be set for each virtual console.

Page 3-42: addition to the manual

```
SET filespec [Fn=ON/OFF]
```

The SET utility allows you to set file attribute bits for specified files. For more information on file attribute bits, see the Concurrent CP/M-86™ Operating System Programmer's Reference Guide. To set the F1 attribute on all files starting with the letters "WS", for example, you would type

```
SET WS*.* [F1=ON]
```

Page 3-48: correction to the manual

The fourth paragraph states

"SUB files cannot contain nested commands. However, the last command in a SUB file can be a SUBMIT command that chains to another SUB file."

This paragraph should read

"SUB files can contain nested commands. To include a nested SUB file within another SUB file, give the command:

```
$INCLUDE FILE.SUB
```

where FILE.SUB is another SUBMIT file."

Appendix A: addition to the manual

ERROR: Illegal Global/Local Drive Spec Mixing.

SDIR error. This error occurs when you specify different drives in the filespec and the SDIR option. For example,

```
SDIR A: [DRIVE=B]
```

Omit one of the drive specifications.

Concurrent CP/M-86™
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Programmer's Reference Guide Corrections

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Page 15: correction to the manual

The first line in the first paragraph of Section 2 is missing.
The complete sentence should read

"The Basic Disk Operating System (BDOS) file system supports
from one to sixteen logical drives."

Page 30: correction to the manual

In Figure 2-3 XFCB - Extended File Control Block, the fields
marked TS1 and TS2 should be changed to read RESERVED to agree
with the field definitions immediately below.

Page 98 and 267: correction to the manual

In the CX Error Code Reports table, listed on pages 98 and 267,
disregard error messages 11, 16, and 17. These error messages
are no longer implemented.

Page 107: correction to the manual

Where the text reads

OFFH console input status command (If no character
if ready, a 00H is returned)

should be changed to read

OFFH console input status command (If no character
is ready, a 00H is returned, else the character
is returned)