WANG

CS

Multiuser BASIC-2 Operating System Release 3.4

Customer Software Release Notice

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PREFACE

This customer software release notice describes the changes and new features of Release 3.4 of the Wang Multiuser BASIC-2 Operating System.

Intended for all users, this release notice is organized as follows:

- Chapter 1 provides a summary of features and the necessary requirements.
- Chapter 2 explains the new enhancements.
- Chapter 3 details the corrected problems.
- Chapter 4 explains the special considerations.
- Chapter 5 discusses the media contents.

For more information on the Make a Reference List of File Names utility, refer to the updated *BASIC-2 Utilities Reference Manual* (700-6855). For more information on the MXE, refer to the *CS/Asynchronous User Guide for Model 2236 MXE Terminal Processor* (700-8098).

CHAPTER 1
INTRODUCTION TO RELEASE 3.4

OVERVIEW

This chapter provides an introduction to Release 3.4 of the Multiuser BASIC-2 Operating System. It includes a summary of features and the necessary requirements.

SUMMARY OF FEATURES

The Wang Multiuser BASIC-2 Operating System is designed for interactive programming and ease of use. Release 3.4 of the Multiuser BASIC-2 Operating System is a general release. It supplies added features and corrects previously reported problems.

Release 3.4 provides the following features:

- $PACK/$UNPACK command
- BIN and VAL functions
- FORMAT utility enhancements
- Enhancements to the MXE

You can install Release 3.4 yourself. Follow the instructions for installing the operating system described in the introductory or user manual supplied with your CS/2200 system.

HARDWARE REQUIREMENTS

In order to use Release 3.4, the following hardware is required:

- A Wang CS, CS-D, or 2200 MVP, LVP, SVP, or MicroVP with 28 kilobytes (KB) of control memory
- A 2200 terminal
- A diskette drive

CHAPTER 2
ENHANCEMENTS

OVERVIEW

This chapter discusses the added features provided in Release 3.4. For more details, refer to the updated *BASIC-2 Utilities Reference Manual*.

ENHANCEMENTS OF RELEASE 3.4

Release 3.4 provides enhancements to the operating system and the MXE.

Operating System

Release 3.4 provides the following enhancements to the operating system.

$PACK/$UNPACK

The $PACK/$UNPACK command is used to pack numeric values (decimals) within a binary overflow format. Additionally, the $PACK/$UNPACK command can be used to compress the alphanumeric format.

BIN and VAL Functions

The BIN and VAL functions are used to specify the length of a command string specified be variable.

FORMAT Utility

An option has been added to the FORMAT utility to allow the user to format a diskette in DOS format.

MXE

Release 3.4 provides the following enhancements to the MXE:

Improved Performance -- The performance of the MXE is now similar to the MXD. However, the MXE still includes a real-time clock and telecommunications (TC) capabilities not found on the MXD.

38.4 KB Terminal Communication -- Release 3.4 now provides the capability of using your MXE terminal at 38.4 KB asynchronous. The new Model 2536DW terminal can be selected to run at 38.4 KB.

CHAPTER 3
CORRECTED PROBLEMS

OVERVIEW

This chapter discusses the problems corrected in Release 3.4.

PROBLEMS CORRECTED IN RELEASE 3.4

In addition to new features, Release 3.4 corrects reported problems to the operating system and the MXE.

Operating System

There were no problems to correct in the operating system in Release 3.4.

MXE

The following problem was corrected in the MXE:

Hesitation -- When you print to port 204, the system hesitates (or slows down) while printing to the port 204 printer. Release 3.4 corrects the system hesitation if the terminal is set at 38.4 KB.

CHAPTER 4
SPECIAL CONDITIONS

OVERVIEW

This chapter discusses the various special conditions and a possible solution associated with Release 3.4.

SPECIAL CONDITIONS

The following condition is present with Release 3.4:

Printer Driver -- If you use a background printer task to port 204 the system will not use the printer driver.

CHAPTER 5
MEDIA CONTENTS

OVERVIEW

This chapter discusses the media contents of Release 3.4. It details how the release is supplied and what files have been added or changed to the system platter.

MEDIA CONTENTS OF RELEASE 3.4

The system platters provided with Release 3.4 include the operating system and the BASIC-2 language processor, the system diagnostics, and the system utilities. This new release updates some of the existing files and adds new ones.

Release 3.4 is supplied as follows:

Part Number	Number of Diskettes	Comments
295-0049-3F	2	8-inch Single-Sided Single-Density 2270A diskettes
295-0049-5F	1	8-inch Double-Sided Double-Density 2200 LVP/SVP diskette
295-0049-9F	2	5 1/4-inch Double-Sided Double-Density 2275/DS diskettes

The following files are included with Release 3.4:

FileName	Type	Function
@BACKUP[a]	Program	BACKUP utility
@BOOT	Program	Menu for bootstrap
@CLOC	Program	Initialize date and time
@DAVFU	Program	Vertical Format Control utility
@FORMAT[a]	Program	Format disk platter
@GENPART[a]	Program	Partition Generator
@INSTALL[a]	Program	System install
@MENU	Program	System menu program
@MODSYSF[a]	Program	Convert system configuration file
@MOVE1[a]	Program	Overlay for @MOVEFIL and @INSTALL
@MOVEFIL[a]	Program	Move file
@PSTAT[a]	Program	Partition status
@RECOVER	Program	Recover from backup
@SYSMVPB[a]	Program	Menu for System Utilities
@TO.CREO[a]	Program	Load or create a reference file
@TO.CREF[a]	Program	Create reference file
@TO.DISK[a]	Program	Copy to disk
@TO.SUBS[a]	Program	Overlay for @TO.DISK/IMAGE
@TOIMAGE[a]	Program	Copy to disk image
.STARTD	Data	System menu support
@@	Data	MVP system menu
@DATE	Data	Date file
@DM50/V0	Data	Printer driver
@LASRJV1	Data	Printer driver
@MVP[a]	Data	MVP microcode
@MXE0[a]	Data	MXE microcode
@PM010V2	Data	Printer driver
@PM016V3	Data	Printer driver
@PM017V3	Data	Printer driver
@PM018V3	Data	Printer driver
@PM060V0	Data	Printer driver
@SYSFILE[a]	Data	MVP configuration file
@DG	Program	Menu for system diagnostics
@MRTIAN	Program	Game

[a] These files have been revised.

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