WANG

VS/IIS

VS/IIS Peripherals Release 7.20

Customer Software Release Notice

VS/IIS

VS/IIS Peripherals Release 7.20

Customer Software Release Notice

Disclaimer of Warranties and Limitation of Liabilities

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PREFACE

This Customer Software Release Notice (CSRN), provides information about VS/IIS Peripherals Release 7.20, Peripherals System Software, and Peripheral Utilities.

This CSRN is organized as follows:

* Chapter 1 is an overview of VS/IIS Peripherals, Release 7.20. It includes software and hardware requirements as well as the devices that are supported.

* Chapter 2 describes how to install the VS/IIS Peripherals, the Peripheral System Software, and VS/IIS Peripheral utilities. This chapter describes procedures for new and upgraded installations.

* Chapter 3 describes the media contents, including libraries and system files for VS/IIS Peripherals.

* Chapter 4 lists files for the Peripheral Utilities, Release 4.00.13. This release includes LIS-12/24 Font Auto-Creation, WP Font Regeneration, and PostScript Font Sizing.

* Chapter 5 lists operation enhancements and improvements since the last general release of VS/IIS Peripherals.

* Chapter 6 discusses special considerations and restrictions for using VS/IIS Peripherals.

The following documents are associated with this release of VS/IIS Peripherals:

- *VS System Administrator's Reference* (800-1144)

- *Model 5533/5535 Bidirectional Matrix Printer User Manual* (700-6594)

- *Model 6581W Daisy Printer Procedures Summary Card* (700-5257)

- *Office System 6581W Daisy Printer User Manual* (700-5176)

- *Model LPS-12 Laser Printing System User Manual* (700-7198)

- *Model LIS-12 Laser Imaging System User's Guide* (700-9037)

- *Wang Professional Computer Integrated Word Processing Reference Guide* (715-0179)

- *Model SSF-20 Single-Sheet Feeder User Manual* (700-8699)

- *Wang Model LPS8 Laser Printing System User's Guide* (715-0326)

- *DW/OS-20 Daisy Printer User Manual* (700-7073)

- *Model DW/OS-55 Daisy Printer User Manual* (700-8095)

- *Model 5577 High-Density Matrix Printer User Manual* (700-7125)

- *Model DSF-55 Dual Sheet Feeder User Manual* (700-8605)

- *Office System Envelope Feeder User Manual* (700-6252)

- *Model ET-1 Envelope Tray Summary Card* (715-0015)

- *Model DSF-77 Dual Sheet Feeder User Manual* (700-8690)

- *Model 5521 Line Printer User Manual* (700-4327)

- *Model 5541W Daisy Printer User Manual* (700-4790)

- *WP 5541WC Wide Carriage Printer User Manual* (700-4789)

- *WP Twin Sheet Feeder User Manual* (700-4664)

- *PM015 User Manual* (715-0430)

- *Model SSF-40 Single-Sheet Feeder Installation and Operation Instructions* (715-0451)

- *PM019 User's Manual* (715-0335)

- *LIS-24 Laser Imaging System User Guide* (715-0443)

- *DW/OS-60 User's Manual* (715-0231)

- *LCS15 Software User's Guide* (015-0832)

- *Model LCS15 Printer User's Manual* (715-0556)

- *Model DW/OS-60 Dual Sheet Feeder and Envelope Feeder Installation and User's Guide* (715-0249)

- *Wang Model LDP8-SYS Laser Printer User's Manual* (715-1543)

- *Wang Model LDP8-SYS Laser Printer Installation Instructions* (715-1936)

- *Wang Model 5578 Multi-Functional Color Matrix Printer User Manual* (715-1850)

- *Wang LM400/700/900 Shuttle Matrix Printer Installation and User's Guide* (715-1256)

- *VS/OIS Printer Services Reference Guide* (715-1923)
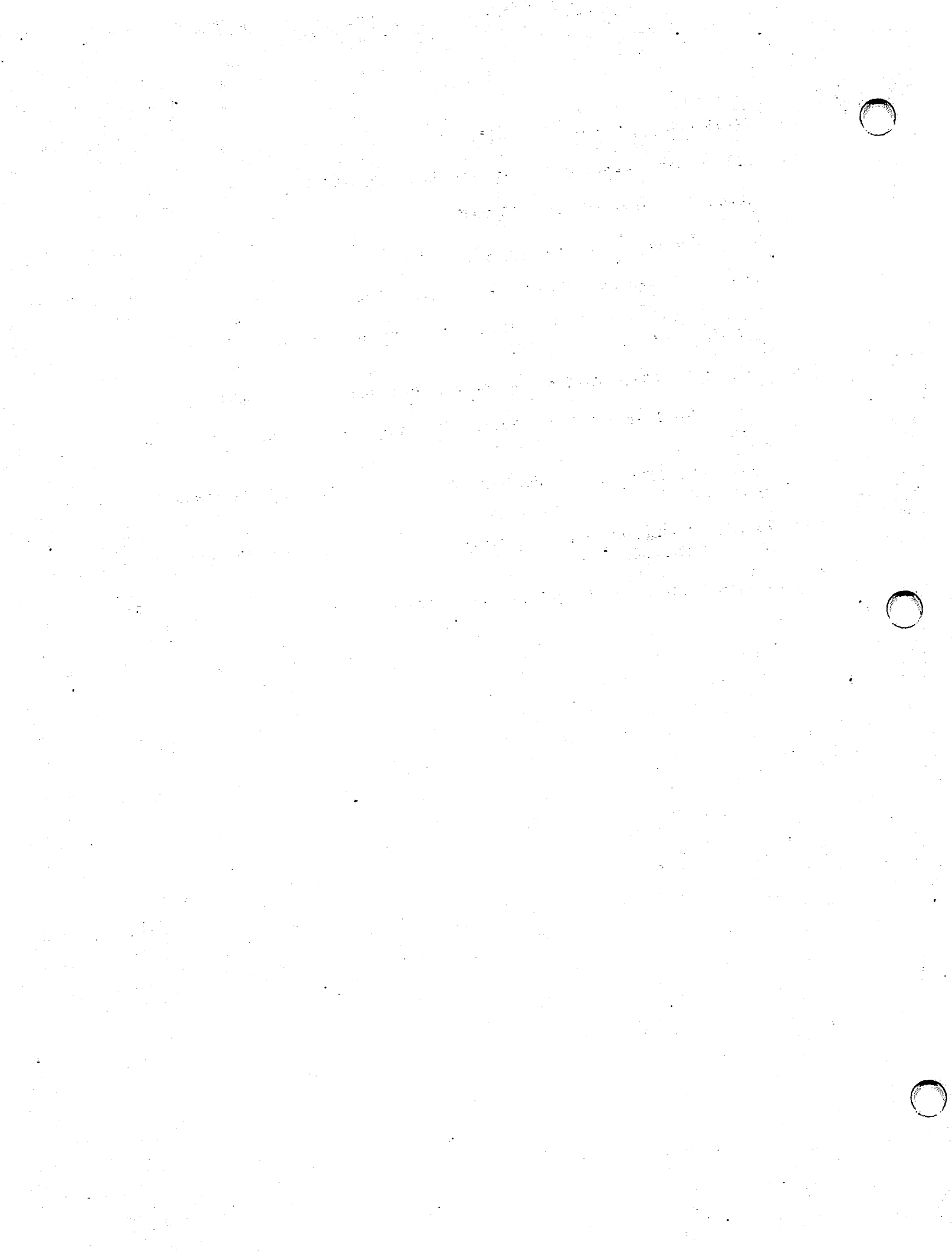
CHAPTER 1
INTRODUCTION

VS IIS Peripherals Release 7.20 offers you word processing printing capabilities. The following versions of software are included in this release:

- Peripherals, Release 7.20
- Peripheral Utilities, Release 4.00.13
- Peripherals System Software, Release 2.00.02
- Photocomposition, Release 2.6
- Photocomposition H & J, Release 1.5
- Photocomposition Utilities, Release 1.6
- FINSTALL, Release 1.06.03
- LIS-12/24 Firmware, Release 0.8A

SOFTWARE REQUIREMENTS

VS/IIS Peripherals, Release 7.20 requires the following software prerequisites:

- VS Operating System 7.20 or greater with corresponding VS Device Support Package Release 3.0 or greater.

  Note: This Operating System and Device Support Package is required for support of all devices in this release. VS/IIS Peripherals, Release 7.20, can be installed on a system running earlier versions, but functionality is limited to printers supported by that version of the Operating System and Device Support Package.

- VS IIS Word Processing, Release 4.60.10 or greater

- WP Plus Peripherals Release 3.0 or greater (if WP Plus is also supported on the system).

Note: *In order to run WP Plus, Release 3.0 on the same system with WP, you must have VS IIS WP, Release 7.20 and VS IIS, Release 4.60.10.*

PC/APC/PIC

To use Peripherals, Release 7.20 with a PC/APC or PIC that is attached to a VS, the following software must be installed on the PC/APC or PIC:

- PIC core software, Release 2.0, including PIC Indexer, Release 2.0
- PC WP/IWP, Release 2.6 or greater
- PC Operating System, Release 3.20.21 or greater
- APC Operating System, Release 3.20.21 or greater

To use a printer attached to the host VS system, you must have either a PC with 256 KB of memory or a PC/APC with PIC option. The PIC system must include the following:

- 768 KB of memory (minimum)
- Image monitor
- Text/Image/Graphics card
- Memory expansion card to provide a maximum of 768 KB of memory
- Winchester disk drive

To connect a PC/APC/PIC to a VS, the following hardware and software are required:

- PC-PM041-VS or PC-PM141-VS PC VS LCO (includes software)

For PC/APC Word Processing or Integrated Word Processing document printing on the VS, you must have a printer with at least 64 KB of memory. The following printers meet this requirement:

- Wang Daisy Printers and DW/OS-20
- Wang Daisy Printer DW/OS-55, DW/OS-60
- PM015 Daisy Printer
- Model 5577 high-density matrix printer
- Model 5578 color matrix printer
- Laser Printing System models LPS8 and LPS-12
- Laser Imaging Systems LIS-12 and LIS-24
- LCS15-SYS Laser Composition System
- LM400/700/900 Shuttle Matrix Printer
- LDP8 Laser Printer

Note: Only an LIS-12 or LIS-24 printer can print a PIC image or graph. If you send a PIC image or graph to any other printer, it results in a blank area of the document where the graph or image should be.

HARDWARE REQUIREMENTS

This release of VS/IIS Peripherals can be installed on the VS-5, 5E, 6, 6E, 15, 25, 45, 65, 85, 90, 100, 300, 5430, 5440, 5450, 5460, 7010, 7110, 7120, 7150, and 7310.

The VS/IIS Peripheral utilities START program in the PUTIL library requires a 64-KB workstation for operation.

The 5577 matrix printer requires that the ECO #24747 be installed (to change the print head).

The 5574-1 band printer requires that the ECO #24747 be installed.

The 5578 matrix printer requires that Prom Release M013F be installed.

DEVICES SUPPORTED

Release 7.20 of Peripherals supports the following devices:

Daisy Printers

- 5581WD
- 6581W
- 6581W-1
- 6581W-1
- 6581W-1T
- 6581WC-1
- 7581WC-1T
- 75DW/OS-55T
- Dual daisy 5581WD
- DW/OS-20
- 7582WT tempest
- DW/OS-55
- DW/OS-60
- DW/OS-60T
- PM015 (available only on EADC and WACS)

Matrix Printers

- 5533
- 5535-1
- 5521W
- 5531W
- 5577
- 5578 Color Matrix
- LM400/700/900 Shuttle Matrix Printer
- PM019 (available only on EADC and WACS)

Line Printers

- Chain printer 5571
- Band printer 5574-1

Page Printers

- LPS8
- LPS-12
- LIS-12, LIS-24
- 75LIS-12T
- IP41D
- LCS15-SYS
- LCS15-CMB
- LCS15-SYS-T
- LDP8-SYS

ACCESSORIES

Daisy

- Twin-sheet feeder TSF-31 for the 6581W-1 and DW-20
- Monodirectional forms tractor FT-1 for the 6581W-1
- Bidirectional forms tractor BFT-1 for the 6581W-1 and the DW-20
- Envelope feeder EF-1 for the 6581W-1
- Monodirectional forms tractor FT-1 for the 6581W-1
- Twin-sheet feeder TSF-41 for the 6581WC-1
- Bidirectional forms tractor BFT-2 for the 6581WC-1
- Dual-sheet feeder DSF-55 for the DW/OS-55
- Envelope tray EF-1 for the DSF-55
- Bidirectional forms tractor BFT-55 for the DW/OS-55
- Dual-sheet feeder with envelope DSF-60 for the DW/OS-60
- One bin feeder SSF-40 for the PM015
- Forms tractor FT-40 for the PM015 and DW/OS-60
- Bidirectional tractor feeder for the 5578

Matrix

- Twin-sheet feeder TSF-61 for the 5577
- Dual-sheet feeder DSF-77 for the 5577
- Envelope tray ET-1 for the DSF-77
- Bidirectional forms tractor BFT-1 for the 5577
- Monodirectional forms tractor FT-1 for the 5577
- Bidirectional forms tractor BFT-PM019 for the PM019
- Single sheet feeder SSF-PM019 for the PM019
- Unidirectional forms tractor FT-PM019
- Triple Bin Feeder for the 5578

Laser

- Dual-sheet feeder DSF-8 for the LPS8
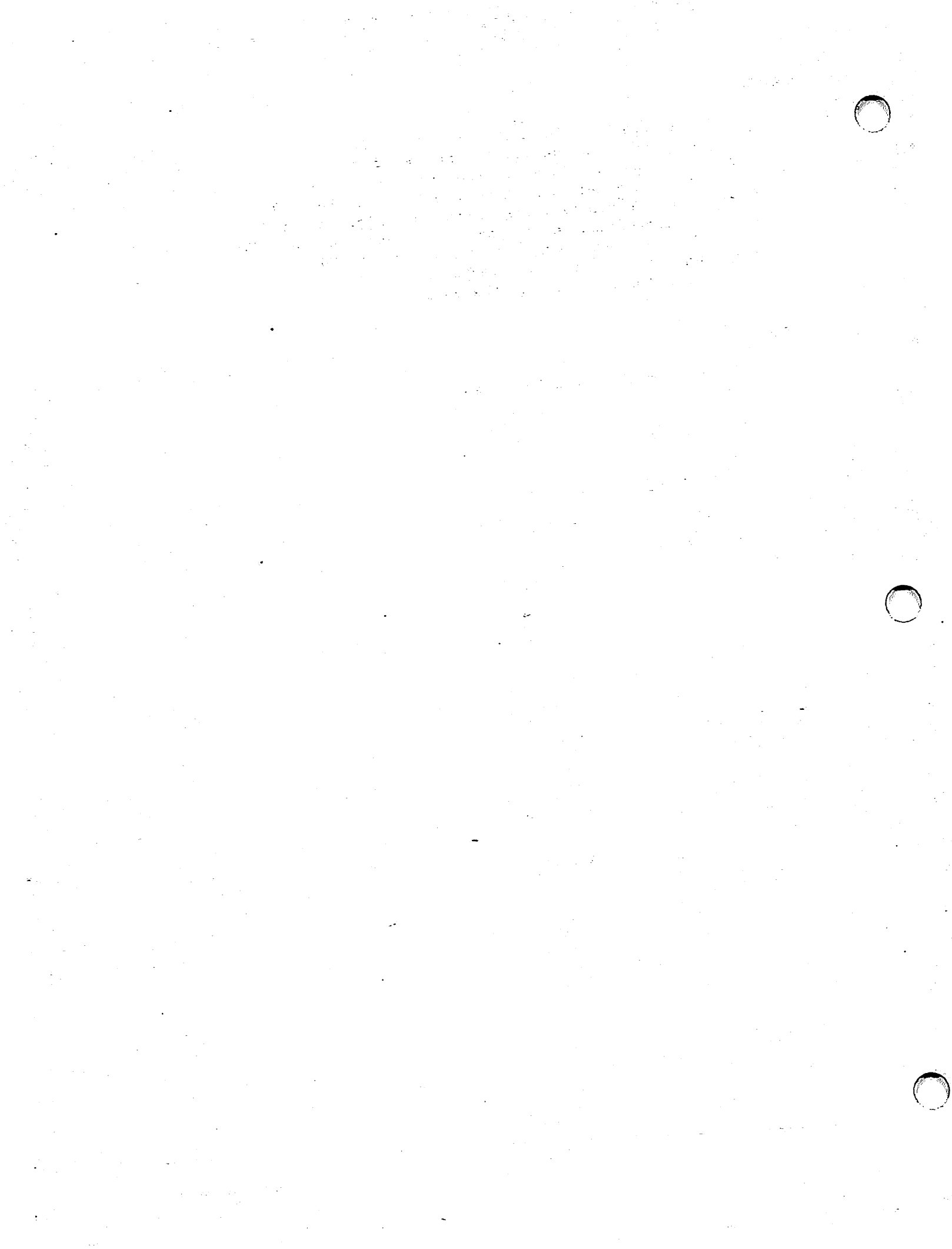
CHAPTER 2
INSTALLING VS/IIS PERIPHERALS SOFTWARE ON VS SYSTEMS

VS/IIS Peripherals software is customer installable. Chapter two contains VS/IIS Peripherals installation procedures for new and upgraded installations. The installation procedure is similar for both with a few noted exceptions. The chapter also contains the procedure to install additional fonts.

BEFORE YOU BEGIN

This section discusses the preliminary considerations for both new and upgraded installations. If you are upgrading existing software, refer to the section entitled "Upgraded Installations."

Note: You must install WP Plus Release 3.0 if you want both VS/IIS and WP Plus available on the system. Using a release level of WP Plus that is less than 3.0 will cause unpredictable performance of the WP Plus software.

Because Peripherals System Software I and Peripherals System Software II are the same for VS IIS and WP Plus Peripherals, if you are installing both VS IIS and WP Plus software, install only the latest version of the Peripherals Software Package.

Note: When installing Peripherals software for use with the LDP8-SYS printer, make sure that the printer is set to Parallel on the front panel display. Refer to the LDP8-SYS Laser Printer Installation Instructions for the procedure to configure the parallel interface.

New Installations

With new installations, installation of the VS/IIS Peripherals software follows the installation of the VS/IIS Word Processing software. If you have already installed VS/IIS WP, go to the Install Procedure section to install Peripherals.

Upgraded Installations

Before you begin the installation procedures, review the following.

• You must have VS/IIS software installed before installing the Peripherals software. Refer to the appropriate VS/IIS CSRN for VS/IIS installation instructions and install the software before continuing with the installation of the VS/IIS Peripherals.

• Logon to the VS as a System Security Administrator.

• Inhibit logons to the system, and ensure all users are logged off the system.

• Run the HALTWP program after verifying that no one is running or printing WP. Check Interactive/Non-Interactive tasks from the Operator's Console.

• If a previous version of VS/IIS software was installed on the system, check for the following files on the IPL volume and scratch them if present:

Library Name	Files to Scratch	
@SYSTEM@	WPSBATCH	WPSDEF0
	WPS2400B	WPS2410B
	WPST314	WPST407I
	WPST4070	WPST407I
	WPSHDIPL	WPSLDMSG
	WPSLRIPL	WPSPRTMS
PUTILITY	CHAR	CHARM
WPSPRINT	T313#IPL	

OVERVIEW OF THE INSTALLATION PROCEDURE

This section describes the procedure to install the Peripherals software packages. Install the software packages in the following order:

1. VS IIS Emulator Software

2. Peripherals Software

3. Peripherals System Software

If you are installing the software from diskettes, run the DMS BACKUP
utility to install each software package; it will prompt you to mount
each diskette within the package. Continue this process until all the
files are copied onto the system disk.

If you are installing from cartridge tape or 9-track packages,
Peripherals System Software and the Peripherals Software are all
contained on the cartridge tape or 9-track package and are installed
together.

*Note: Because Peripherals System Software I and Peripherals System
Software II are the same for VS IIS and WP Plus Peripherals, if you
are installing both VS IIS and WP Plus software, install only the
latest version of the Peripherals Software Package.*

Procedure for Installing the Peripherals Software Packages

Perform the following procedure to install the Peripheral software
packages. During the procedure, you will be prompted when to mount
the software media.

Procedure

1. Press PF1 (RUN Program or Procedure) from the VS Command
   Processor. Enter BACKUP in the PROGRAM field of the Run screen
   and press RETURN. The Speed screen appears. Press RETURN again.
   The DMS BACKUP Input Definition screen appears.

2. Complete the following fields on the Input screen:

   VOLUME field -- Enter the name of the volume from which the WP
   Peripherals software is being installed in the VOLUME field.
   (Read the label on your media for the volume name.)

   DEVICE field -- If the WP Peripherals software is being installed
   from a disk drive, enter DISK in the DEVICE field. If the
   Peripherals software is being installed from a tape drive, enter
   TAPE in the device field.

   FUNCTION field -- If you are installing the software from a disk
   drive or diskette, enter BACKUP. If you are installing the
   software from a tape drive, enter RESTORE in the FUNCTION field.

3. If the input volume is mounted, press RETURN to display the Output File Definition screen. If the input volume is not mounted, press PF4, follow the prompts to mount the tape or diskette (refer to the *VS Administrator's Reference Guide* for procedure to mount media).

4. Complete the following fields on the Output screen:

   VOLUME field -- Enter the name of the system volume.

   DEVICE field -- Enter DISK. You will not be prompted for this field if you are installing the software from a tape drive.

   CLEAR field -- Enter NO and press RETURN. The Options screen appears.

5. Enter SCRATCH in the DUPFILES field and press RETURN. The install procedure begins. When the BACKUP program completes, the EOJ screen appears. You may choose to print a log of all files installed.

6. Press RETURN or PF16 to exit the BACKUP program.

7. If VS Alliance is not installed on the system, continue to the next step. If VS Alliance is installed on the system, scratch the file WPWS in @SYSTEM@ on the IPL volume. Then rename the file WP in @SYSTEM@ to WPWS and the file XWP in @SYSTEM@ to WP.

REPLACING THE PRINTER TRANSLATION TABLE AND FONTS FOR UPGRADED INSTALLATIONS

If you are upgrading existing software, you may want to replace the printer translation table catalog and the fonts currently on your system with the printer translation table and the default font that is part of the new release. Because some font libraries (@3xxxxxN) included in this release may not be in a previous release, you must perform this procedure to use them.

Notes: If you are using VS Operating System 7.14 or greater, the fonts being replaced in this process are also used for data processing. These fonts must be reinstalled if you want to use them to print data processing material.

If you replace the printer translation table presently on your system with the printer translation tables from the new release, you will lose all the modifications that were made to the printer translation tables that you are replacing. You will get the default font for 5577, LPS-8, LPS-12, and LIS-12/24 printers even if the default font is not in the current file.

Perform the following procedure after you install the Peripherals software.

Procedure

1. From the command processor access Manage Files/Libraries (press PF5); enter @SYSTEM@ for the Library, the system volume name for Volname, and WPSPRTRN for the Filename and press RETURN.

2. If the file WPSPRTRN exists in the @SYSTEM@ library, delete it.

3. Rename the WPSPRTRX file in the @SYSTEM@ library to WPSPRTRN. You will get the default font for 5577, LPS8, LPS-12, and LIS-12/24 printers even if the default font is not in the current file. Renaming this file replaces the entire previous printer translation table.

Note: If you replace the printer translation table presently on your system with the printer translation tables from the new release, you will lose all the modifications that were made to the printer translation tables that you are replacing.

INSTALLING ADDITIONAL FONTS

If you have additional fonts for your system, you can install them now. The 5577, 5578, LPS8, LPS-12, LIS-12/24, LM400/700/900, LCS15 and LDP8 printers are examples of printers that require fonts. Perform the following procedure to install fonts:

Procedure

1. Press PF1 (Run Program or Procedure) from the VS Command Processor. The Run screen appears.

2. Enter FINSTALL in the program field and press RETURN.

3. Enter the font diskette identifier in the VS Diskette field. The font diskette identifier appears on the diskette label.

4. Enter the number of the diskette drive from which the diskette will be mounted in the VS Device field and press RETURN.

5. The system prompts you to mount the diskette. Mount the diskette in the appropriate drive. The font is automatically loaded onto the system when you mount the diskette into the drive.

6. The system prompts you to dismount the diskette. Dismount the diskette and press RETURN.

7. Repeat Steps 1 to 4 if you are installing additional fonts.

8. Press PF16 to return to the VS Command Processor.

RUN WP PERIPHERAL UTILITIES

With the Peripheral Software and any additional fonts installed, you now must run the Peripheral Utilities. Run the WP Font Regeneration Utility to rebuild the font indexes; run the Character Set Utilities to assign character set numbers to a font. If you have an LCS15 printer, run the PostScript Font Sizing Utility to create point size fonts. Refer to the *VS/OIS Printer Services Reference Guide* for the procedures to run these utilities.

IPL THE SYSTEM

After you run the Peripheral Utilities, IPL the system. Users may now logon and access WP.

CHAPTER 3
PERIPHERALS MEDIA CONTENTS

The files listed in Table 3-1 are included on the VS/IIS Peripherals release media.

Table 3-1. VS/IIS Peripherals Media Contents

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
@30710PN	COURIER	Blank	9	10-pitch Courier Text Font (5577)
@30910PN	COURIER	Blank	31	10-pitch Courier Portrait Text Font (LPS-12)
@30910PN	SERIFS	Blank	31	10-pitch Super/Subscript Text Font (LPS-12)
@31008PA	HEL	Blank	1	8-point LDP8
	TIMES	Blank	1	font files
	TMSRMN	Blank	1	
@31010LN	COURBOLD	Blank	1	10-pitch Landscape
	COURIER	Blank	1	LDP8 font files
	LTRGOTAS	Blank	1	
	LTRGOTLG	Blank	1	

(continued)

Table 3-1. VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
@31010PA	HEL	Blank	1	10-point LDP8
	HELBD	Blank	1	font files
	HELOB	Blank	1	
	TIMEBOLD	Blank	1	
	TIMEITAL	Blank	1	
	TIMES	Blank	1	
	TMSRMN	Blank	1	
	TMSRMNBD	Blank	1	
	TMSRMNIT	Blank	1	
@31010PN	COURBOLD	Blank	1	10-pitch Portrait
	COURIER	Blank	1	LDP8 font files
	LTRGOTAS	Blank	1	
@31012LN	LTRGOTBD	Blank	1	12-pitch Landscape
	LTRGOTHC	Blank	1	LDP8 font files
	LTRGOTIT	Blank	1	
	PRESBD	Blank	1	
	PRESELTE	Blank	1	
	PRESIT	Blank	1	
@31012PA	HEL	Blank	1	12-point LDP8
	HELBD	Blank	1	font files
	HELOB	Blank	1	
	TIMEBOLD	Blank	1	
	TIMEITAL	Blank	1	
@31012PN	LTRGOTBD	Blank	1	12-pitch Portrait
	LTRGOTHC	Blank	1	LDP8 font files
	LTRGOTIT	Blank	1	
	PRESAS	Blank	1	
	PRESBD	Blank	1	
	PRESBDAS	Blank	1	
	PRESBDLG	Blank	1	
	PRESELTE	Blank	1	
	PRESFS	Blank	1	
	PRESIT	Blank	1	
	PRESITAS	Blank	1	
	PRESITLG	Blank	1	
	PRESLG	Blank	1	
	PRESSC	Blank	1	

Table 3-1. VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
@31014LA	PRSNBDLG	Blank	1	14-point Landscape
	PRSNBDAS	Blank	1	LDP8 font files
@31014PA	HELBD	Blank	1	14-point Portrait
	PRSNBDAS	Blank	1	LDP8 font files
	PRSNBDLG	Blank	1	
	TIMEBOLD	Blank	1	
@31015LN	DRAFT	Blank	1	15-pitch Landscape
	PRESAS	Blank	1	LDP8 font files
	PRESLG	Blank	1	
	TIMEBOLD	Blank	1	
@31015PA	HELBD	Blank	1	15-point Portrait font files LDP8
@31015PN	DRAFT	Blank	1	15-pitch Portrait
	PRESAS	Blank	1	LDP8 font files
	PRESELTE	Blank	1	
	PRESFS	Blank	1	
	PRESLG	Blank	1	
@31016LA	PRSNBDAS	Blank	1	16-point Landscape
	PRSNBDLG	Blank	1	LDP8 font files
@31016PA	PRSNBDAS	Blank	1	16-point Portrait
	PRSNBDLG	Blank	1	LDP8 font files
@31018LA	PRSNBDAS	Blank	1	18-point Landscape
	PRSNBDLG	Blank	1	LDP8 font files
@31018PA	PRSNBDAS	Blank	1	18-point Portrait
	PRSNBDLG	Blank	1	LDP8 font files
@310PSLN	PRSESAS	Blank	1	Proportional Spaced
	PRESLG	Blank	1	Landscape LDP8 font files

(continued)

Table 3-1. VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
@310PSPN	PRSESAS	Blank	1	Proportional Spaced
	PRESLTE	Blank	1	Portrait LDP8
	PRESFS	Blank	1	font files
	PRESLG	Blank	1	
@31310LN	COURIER	Blank	13	10-pitch Courier Landscape Text Font (LIS-12/24)
@31310PN	COURIER	Blank	13	10-pitch Courier Portrait Text Font (LIS-12/24)
@31510PN	DRAFT	Blank	1	10-pitch Text
@31510PN	MEMO	Blank	1	Font
@31510PN	STANDARD	Blank	1	(PM019)
@31512PN	DRAFT	Blank	1	12-pitch Text Font
@31512PN	MEMO	Blank	1	(PM019)
@31512PN	STANDARD	Blank	1	
@31515PN	GOTHIC	Blank	1	15-pitch Text Font (PM019)
@31610PN	COURIER	Blank	1	10-pitch Courier Portrait Text Font (LPS8)
@31610LN	COURIER	Blank	1	10-pitch Courier Landscape Text Font (LPS8)
@31810PN	DRAFT	Blank	1	10 pitch LM900
	DRAFTLIT	Blank	1	font data files
	DRAFTMED	Blank	1	
	GOTHIC	Blank	1	
	MEMO	Blank	1	

(continued)

Table 5-1. VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
@31812PN	DRAFT	Blank	1	12 pitch LM900
	DRAFTLIT	Blank	1	font data files
	DRAFTMED	Blank	1	
	GOTHIC	Blank	1	
	MEMO	Blank	1	
@31815PN	GOTHIC	Blank	1	15 pitch LM900 font data files
@31910PN	COURIER	Blank	1	10 pitch Courier text font for 5578
@30F10PN	COURIER	Blank	1	10-pitch LCS15 Portrait font
@30F10LN	COURIER	Blank	1	10-pitch LCS15 Landscape font
@30F12PA	AVG	Blank	1	12-point LCS15
	AVGDEMI	Blank	1	data files
	AVGDEMOB	Blank	1	
	AVGOB	Blank	1	
	CENT	Blank	1	
	CENTBD	Blank	1	
	CENTBDIT	Blank	1	
	CENTIT	Blank	1	
	COURBDOB	Blank	1	
	COURBOLD	Blank	1	
	COURIER	Blank	1	
	COUROB	Blank	1	
	HEL	Blank	1	
	HELBD	Blank	1	
	HELBDOB	Blank	1	
	HELOB	Blank	1	

Table 3-1. VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
@30F12PA	INLINE	Blank	1	12-point LCS15
	NAR	Blank	1	font files
	NARBD	Blank	1	(continued)
	NARBDOB	Blank	1	
	NAROB	Blank	1	
	PAL	Blank	1	
	PALBD	Blank	1	
	PALBDIT	Blank	1	
	PALIT	Blank	1	
	SYMBOL	Blank	1	
	TIMEBDIT	Blank	1	
	TIMEBOLD	Blank	1	
	TIMEITAL	Blank	1	
	TIMES	Blank	1	
	ZAPFBATS	Blank	1	
	ZAPFIT	Blank	1	
@SYSTEM@	WPSPRTRX	Blank	14	Pristine V2 Font Catalog
	FINSTALL	@	5	Font Install utility (native)
	VSFNTINS	Blank	7	Font Install utility (emulator invoked)
	@MC5548Z	#	1	5548Z Typesetter Microcode
DOS	BATCH	Z	6	Batch handler
	BATCHC	$	1	Batch handler data
FT	MAP	Z	1	WP/WP Plus Font
	MASTER	Blank	2	and utility data
	MSG2	Blank	6	files
	OBJ	Z	6	
	OBJ2	Z	6	

(continued)

Table 3-1. VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
GP1FONT	BLOCK	Blank	38	LIS-12/24
	COURIER	Blank	6	Graphics Font
	MARKER	Blank	2	
	OUTLINE	Blank	10	
	SCRIPT	Blank	10	
PHOTOSET	START	#	32	5548Z typesetter
	DEFAULT	Blank	1	code, data files,
	PIOTABLE	Blank	10	and font catalogs
	HJRESTOR	$	9	
	HJUTIL	$	1	
	HYPHENCA	Blank	13	
	HYPHENIN	Blank	1	
	HJOVRLYS	Blank	5	
	HJ	$	32	
	OVERLAYS	#	5	
PHOTOSET	PHOTO	#	4	5548Z typesetter
	WGSI	#	10	code, data files,
	UTILITY	#	21	and font catalogs
	TRANT604	Blank	4	
	HJINTRFC	$	14	
	DEFAULTF	Blank	1	
	HJMSG	$	1	
	UTILITYM	#	6	
	HJMSGOBJ	$	1	
PRINT100	OLDSTYL	Z	7	WP/WP Plus Font
	PM07STYL	Z	3	Installation
	PRIFT	Z	10	code for standard
	SYSPRTFT	Z	11	installations
PRINT200	OLDSTYL	Z	16	WP/WP Plus Font
	PM07STYL	Z	5	Installation code
	PRTFT	Z	17	for Alliance/WP
	SYSPRTFT	Z	24	Plus installations
PUTIL	CHMS	Blank	4	WP Peripheral
	CHUT	Blank	16	Utilities code and
	COMS	Blank	2	menu files
	COUT	Blank	20	
	FOMS	Blank	1	
	FOUT	Blank	18	
	MEUT	Blank	9	
	START	Blank	1	
	UTMS	Blank	2	

(continued)

Table 3-1. VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
PUTIL	DEMS	Blank	2	WP Peripheral Utilities code and menu files
	PRUT	Blank	10	
	CHUTOVL1	Blank	15	
	CHUTOVL2	Blank	14	
	CVMS	Blank	1	
	CVUT	Blank	22	
	PSMS	Blank	2	
	PSUT	Blank	14	
	REMS	Blank	1	
	REUT	Blank	21	
T30F02	DEPLIST	Blank	2	LCS15 WP Font Catalog of available fonts
T30F01	DEPLIST	Blank	1	LCS15 WP Font Catalog of active fonts
T30F12	DEPLIST	Blank	2	Master list of LCS15 12-point Fonts
T30F02I1	OPOLONFC	Blank	1	LCS15 WP 12-point Font files
	OPOASNFC	Blank	1	
	OPOABNFC	Blank	1	
	OPOABOFD	Blank	1	
	OPOABOFC	Blank	1	
	OPOABOFD	Blank	1	
	OPOBBNFC	Blank	1	
	OPOBBNFD	Blank	1	
	OPOBBOFC	Blank	1	
	OPOBBOFD	Blank	1	
	OPOCBIFC	Blank	1	
	OPOCBIFD	Blank	1	
	OPOCBNFC	Blank	1	
	OPOCBNFD	Blank	1	
	OPOGBIFC	Blank	1	
	OPOGBIFD	Blank	1	
	OPOGBNFC	Blank	1	
	OPOGBNFD	Blank	1	
	OPOIBNFC	Blank	1	
	OPOIBNFH	Blank	1	
	OPOIBOFC	Blank	1	
	OPOIBOFH	Blank	1	
	OPOOBIFC	Blank	1	

(continued)

Table 3-1. VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
T30F02L1	OPOOBIFD	Blank	1	LCS15 WP 12-point
	OPOOBNFC	Blank	1	Font files
	OPOOBNFD	Blank	1	
	OPOWBIFC	Blank	1	
	OPOXBNFC	Blank	1	
	OPOYBNFC	Blank	1	
	OPOYBNFD	Blank	1	
	OPOYBOFC	Blank	1	
	OPOYBOFD	Blank	1	
T30F02I2	OPOQBNFC	Blank	1	LCS15 WP
	OPOVBNFC	Blank	1	Scientific Fonts
T31002I1	OLOAONFC	Blank	1	LDP8 Font Files
	OLOAONFD	Blank	1	
	OLOG2NFC	Blank	1	
	OLOL1IFC	Blank	1	
	OLOL1NFC	Blank	1	
	OLOL1NFD	Blank	1	
	OLOS1IFC	Blank	1	
	OLOS1NFC	Blank	1	
	OLOS1NFD	Blank	1	
	OPOAONFC	Blank	1	
	OPOAONFD	Blank	1	
	OPOB5NFC	Blank	1	
	OPOB5NFD	Blank	1	
	OPOB5OFC	Blank	1	
	OPOB8NFC	Blank	1	
	OPOBBNFC	Blank	1	
	OPOBBNFD	Blank	1	
	OPOBBOFC	Blank	1	
	OPOBDNFD	Blank	1	
	OPOBENFD	Blank	1	
	OPOG2NFC	Blank	1	
	OPOL1IFC	Blank	1	
	OPOL1NFC	Blank	1	
	OPOL1NFD	Blank	1	
	OPOO5IFC	Blank	1	
	OPOO5NFC	Blank	1	
	OPOO5NFD	Blank	1	
	OPOO8NFC	Blank	1	
	OPOOBIFC	Blank	1	
	OPOOBNFC	Blank	1	
	OPOOBNFD	Blank	1	

(continued)

Table 3-1.   VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
T31002I1	OP00DNFD	Blank	1	LDP8 Font Files
	OP0S1IFC	Blank	1	
	OP0S1NFC	Blank	1	
	OP0S1NFD	Blank	1	
	OP0S2NFC	Blank	1	
	OP0S3NFC	Blank	1	
	OP1B5IFC	Blank	1	
	OP1B5NFC	Blank	1	
	OP1B5NFD	Blank	1	
	OP1B8NFC	Blank	1	
	2L0L0NFC	Blank	1	
	2L0S2NFC	Blank	1	
	2L0S3NFC	Blank	1	
	2L1ADNFD	Blank	1	
	2L1AFNFD	Blank	1	
	2L1AHNFD	Blank	1	
	2P0L0NFC	Blank	1	
	2P0S1IFC	Blank	1	
	2P0S1NFC	Blank	1	
	2P0S1NFD	Blank	1	
	2P0S2NFC	Blank	1	
	2P0S3NFC	Blank	1	
	2P1ADNFD	Blank	1	
	2P1AFNFD	Blank	1	
	2P1AHNFD	Blank	1	
	QP0S1NFC	Blank	1	
	QP0S2NFC	Blank	1	
	QP0S3NFC	Blank	1	
	RP0S1NFC	Blank	1	
	XL0L0NFC	Blank	1	
	XL0S2NFC	Blank	1	
	XL0S3NFC	Blank	1	
	XL1ADNFD	Blank	1	
	XL1AFNFD	Blank	1	
	XL1AHNFD	Blank	1	
	XP0L0NFC	Blank	1	
	XP0S1IFC	Blank	1	
	XP0S1NFC	Blank	1	
	XP0S1NFD	Blank	1	
	XP0S2NFC	Blank	1	
	XP0S3NFC	Blank	1	
	XP1ADNFD	Blank	1	
	XP1AFNFD	Blank	1	
	XP1AHNFD	Blank	1	

(continued)

Table 3-1. VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
T31001	DEPLIST	Blank	1	LDP8 Font Catalog of active fonts
T31002	DEPLIST	Blank	3	LDP8 Font Catalog of available fonts
UPDATE	200EXC	Blank	3	Program to expand
	EXC	Blank	3	the size of the former V2 Font Catalog
T31802	DEPLIST	Blank	2	LM900 WP Font Catalog of available fonts
T31801	DEPLIST	Blank	1	LM900 WP Font Catalog of active fonts
T31802I1	0P0G0NFA	Blank	1	LM900 font files
	0P0G0NFB	Blank	1	
	0P0G0NFC	Blank	1	
	0P0G1NFA	Blank	1	
	0P0G1NFB	Blank	1	
	0P0G1NFC	Blank	1	
	0P0K0NFC	Blank	1	
	0P0K1NFC	Blank	1	
	0P0K2NFC	Blank	1	
	0P1J0NFC	Blank	1	
	0P1J1NFC	Blank	1	
T31902	DEPLIST	Blank	2	5578 WP Font Catalog of available fonts
T31901	DEPLIST	Blank	1	5578 WP Font Catalog of active fonts
T31902I1	0P0A0NFC	Blank	1	5578 font file

(continued)

Table 3-1. VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
WPSPRINT	T307#IPL	Blank	10	5577 IPL code
	T309#IPL	Blank	10	LPS-12 IPL code
	T313#IPL	Blank	50	LIS-12/24 IPL code
	T407#IPL	Blank	3	DW/OS-55 IPL
	SLVSPEC3	Blank	2	Generic Type 3 device SLVSPEC code
	SLVSPEC4	Blank	1	Generic Type 4 device SLVSPEC code
	SLVSPEC6	Blank		Type 6 (typesetter) SLVSPRC code
	T313#SLV	Blank	2	LIS-12/24 SLVSPEC code
	T315#SLV	Blank	2	PM019 SLVSPEC code
	T316#SLV	Blank	2	LPS8 SLVSPEC code
	T318#SLV	Blank	2	LM900 SLVSPEC code
	T319#SLV	Blank	2	5578 SLVSPEC code
	T30F#SLV	Blank	4	LCS15 SLVSPEC code
	T310#SLV	Blank	4	LDP8 SLVSPEC code
	T3FF#SLV	Blank	2	SLVSPEC code for former Type 3 devices
	T404#SLV	Blank	2	DW/OS-20 SLVSPEC code
	T405#SLV	Blank	1	PM015 SLVSPEC code
	T406#SLV	Blank	1	OIS-PTR20 SLVSPEC code

(continued)

Table 3-1. VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
WPSPRINT	T407#SLV	Blank	1	DW/OS-55 SLVSPEC code
	T408#SLV	Blank	2	DW/OS-60 SLVSPEC code
	T4FF#SLV	Blank	1	SLVSPEC code for former Type 4 devices
	T2400OBJ	Blank	3	2-font T400 daisy printers
	T2401OBJ	Blank	3	2-font T401 daisy driver
	T300#OBJ	Blank	2	5521W/5531W matrix driver
	T302#OBJ	Blank	2	5571 chain printer driver
	T304#OBJ	Blank	4	IP41D Image printer driver
	T304#OBJ	Blank	2	5573/5574 band printer driver
	T306#OBJ	Blank	5	5577 driver
	T309#OBJ	Blank	4	LPS-12 driver
	T313#OBJ	Blank	6	LIS-12/24 driver
	T318#OBJ	Blank	7	LM900 driver
	T319#OBJ	Blank	7	5578 driver
	T30A#OBJ	Blank	2	5535 driver
	T30F#OBJ	Blank	12	LCS15 driver

(continued)

Table 3-1. VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
WPSPRINT	T310#OBJ	Blank	12	LDP8 driver
	T316#OBJ	Blank	6	LPS8 driver
	T314#OBJ	Blank	3	5574-1 driver
	T315#OBJ	Blank	7	PM019 driver
	T400#OBJ	Blank	2	Diablo 1300 daisy printer
	T401#OBJ	Blank	2	Wang daisy printer
	T403#OBJ	Blank	3	Wang twin-head daisy driver (5581WD)
	T404#OBJ	Blank	4	DW/OS-20 driver
	T405#OBJ	Blank	8	PM015 driver
	T406#OBJ	Blank	3	OIS-PTR20 driver
	T407#OBJ	Blank	5	DW/OS-55 driver
	T408#OBJ	Blank	6	DW/OS-60 driver
	Z2401OBJ	Blank	2	2-font Wang daisy with dual-sheet feeder driver
	Z401#OBJ	Blank	2	Wang daisy with dual-sheet feeder driver
	DEFAULTO	Blank	2	Printer default file
	MESSAGES	Blank	2	Printer messages
	MSGT404	Blank	2	DW/OS-20 specific messages
	TT	Blank	1	Font installation data file

Table 3-1. VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
WPSPRINT	PROGRAM	Blank	35	Printer application code (16-KB devices)
	STARTUP	Blank	7	Document startup code
	PRINTER3	Blank	7	Textfile startup code
	OMPSGPAT	Blank	3	"Operator intervention" message program 16-KB devices
	IMG64	Blank	15	PIC image processing overlay
	IWPSTART	Blank	2	PCWP/IWP startup code
	LASER226	Blank	7	PCWP/IWP entry program
	PCWP64	Blank	2	PCWP/IWP text processing overlay
	VDI64	Blank	2	VDM graph processing overlay
	OPMSG64K	Blank	3	"Operator intervention" message program (64-KB devices)
	DOS64K	Blank	7	Text file startup code for 64-KB devices

(continued)

Table 3-1. VS/IIS Peripherals Media Contents (continued)

VS Library	VS Filename	Protection Class	Blocks Allocated	Description
WPSPRINT	PROG64K	Blank	34	Printer application code for 64-KB devices
	WPS64K	Blank	7	Document startup code for 64-KB devices
	V2PSFILE	Blank	1	PostScript commands
	T30FMSG	Blank	1	Message file for LCS15 front panel
	HANDLER	Blank	1	File to correct PostScript

CHAPTER 4
VS/IIS PERIPHERAL UTILITIES

OVERVIEW

Release 4.00.13 of the Peripheral Utilities supports the WP
Peripherals software. For VS systems, it is included with
peripherals. Chapter 4 presents the software and hardware
requirements, media contents, and descriptions for the peripheral
utilities.

Peripheral Utilities now presents a user interface and font index
display similar to the WP Plus font index. Peripheral Utilities
enables you to alter printer default conditions on a system wide or
unit basis. You can also assign character set numbers and create,
modify and delete printer translation tables.

SOFTWARE REQUIREMENTS

Peripheral Utilities software requires IIS WP Peripherals 7.20 and
Peripherals System Software 7.20 as concurrent releases.

HARDWARE REQUIREMENTS

This release of Peripherals can be installed on any system with a
64-KB workstation.

VS/IIS PERIPHERAL UTILITIES MEDIA CONTENTS

Table 4-1 contains the media contents for this release.

Table 4-1. Peripheral Utilities Media Contents

OIS Filename	VS Library	VS Filename	Blocks	Description
PUTIL.CHMS	PUTIL	CHMS	4	Message file for character set utilities
PUTIL.CHUT		CHUT	16	Software for character set utilities
PUTIL.COMS		COMS	2	Message file for single-font diskette
PUTIL.COUT		COUT	20	Software for single-font diskette
PUTIL.DEMS		DEMS	2	Message file for printer parameter alteration
PUTIL.FOMS		FOMS	1	Message file for LIS-12/LIS-24 conversion
PUTIL.FOUT		FOUT	18	Software for LIS-12/LIS-24 conversion
PUTIL.MEUT		MEUT	9	Software for main menu mailbox and date format
PUTIL.PRUT		PRUT	10	Software for printer parameter alteration
PUTIL.START		START	1	Peripheral Utilities start-up code

(continued)

Table 4-1. Media Contents (continued)

OIS Filename	VS Library	VS Filename	Blocks	Description
PUTIL.UTMS	PUTIL	UTMS	2	Message file for main menu mailbox and date format
PRINT.T307.INSTALL		N/A	2	Install file for matrix fonts
PRINT.T309.INSTALL		N/A	2	Install file for laser (LIS-12) fonts
PRINT.PERIPH.UTIL350		N/A	1	Used by the Install file to determine if previous releases of Peripheral Utilities should be deleted from the system

LIS-12/24 FONT AUTO-CREATION

The LIS-12/24 Font Auto-Creation utility creates LIS-12/24 fonts from the LPS-12 fonts on your system disk, as follows:

Based on information from the corresponding LPS-12 fonts, the utility creates a new LIS-12/24 font. The prompt "No Conversion Necessary - Press Cancel to Return to Previous Menu" appears when all LIS-12/24 fonts already exist for their LPS-12 counterparts or when there are no LPS-12 fonts available.

The successful completion of this utility updates the printer translation table (file WPSPRTRN in the @SYSTEM@ library on the system volume) to contain entries for each new LIS-12/24 font. The updated fonts can then be used by systems with LIS-12/24 printers after assigning the fonts character set numbers. Refer to the *VS/OIS Printer Services Reference Guide* for the procedure to run this utility.

WP FONT REGENERATION

The WP Font Regeneration utility was added to enhance font support on the LCS15 printer. Run this utility after installing VS/IIS Peripherals and before printing.

The WP Font Regeneration utility rebuilds the font index for the LCS15 and all future printers. This utility will not affect or rebuild font indexes for the following printers released prior to the LCS15: LPS8, LPS-12, 5577 Matrix Printer, LIS-12/24, PM019 Color Matrix, daisy printers, and line printers. Character set number assignments are not affected by this utility.

A new font index replaces previous font index displays throughout the utilities. However, you can display the font index as you had displayed it in past releases of VS/IIS Peripheral utilities. By pressing the GO TO key, you can display the font index for printers other than the LCS15. The Alternate menu displays the font index with previously defined font names. This menu is accessible by a prompt from the new font index display.

POSTSCRIPT FONT SIZING

Designed to enhance font support on the LCS15 printer, this utility is used to size PostScript fonts to any whole point size from 6 to 36. Refer to the *VS/OIS Printer Services Reference Guide* for the procedure to run this utility.

DAISY PRINTER CHARACTER SETS

The following list defines the current configuration of the
translation table catalog for active daisy printer character sets.
Use with other daisy printers will cause unpredictable results.

Character set number	Print wheel sequence
1	U.S. standard
2	Wang OCR-A
3	Wang 06 - double underscore
4	Wang OCR-B
5	Wang Narrator
6	Wang 07 Canadian sequence
7	Wang 08 - modified scientific
8	Wang 11 - scientific/symbol

CHAPTER 5
ENHANCEMENTS AND PROBLEMS CORRECTED

Chapter 5 lists the enhancements and operational improvements made to the Peripherals software since the last software release.

ENHANCEMENTS

This release supports printing on the following printers:

- LDP8 laser printer
- LM400/700/900 shuttle matrix printers
- 5578 color matrix printer

PROBLEMS CORRECTED

The following corrections have been made to Release 7.20. The problems corrected are listed by printers.

Where applicable, probe numbers appear in parentheses at the end of sentences. Probe numbers are used by Wang field support to identify and track special software conditions.

All Printers

Footer Overflow -- Documents containing 2 line footers will now print correctly in draft mode. Previously, the second line of the footer would erroneously overflow to the top line of the next page. Printing a document with a 1 line footer using a draft font no longer ejects a blank page after each footer. (F301015)

Notes -- Notes that end in a RETURN (instead of a note graphic) and are underscored or double underscored no longer print if not requested. Also, mandatory text is no longer dropped. (F014141)

DW/OS-55 Daisy Printer

Stop Codes -- The printer will now correctly recognize a line containing multiple stop codes. (F011646)

5C Hex Code -- The 5C hex code no longer prints spaces for devices used in Europe. (F013008)

DW/OS-60 Daisy Printer

Page Feeding -- The DW/OS-60 now correctly feeds one page when setting the Delete option to Yes on the print menu. (F501240)

Underscored Stop Codes -- The DW/OS-60 will now correctly stop printing when it encounters an underscored stop code. (F011558, F012556)

Top of Form -- The DW/OS-60 now correctly ejects one page prior to printing a document. (F501526)

Bold -- Bolded text no longer prints shadowed, it now prints the characters darker and thicker. (F402311)

Bins -- Selection of standard forms now correctly feeds the first page from bin 1 and the remainder from bin 2. (F501240)

Page Feeding -- Printers with triple sheet feeders now correctly feed one page at a time. (F012596)

Page Feeding -- The DW/OS-60 no longer ejects blank pages. (F301596)

Footer Line Number -- The platen no longer moves backward after printing, when the footer line number is greater than the page length while using a tractor feeder. (F402459)

6581W Daisy Printer

Wide Columns -- The printer no longer hangs after printing a document with very wide columns. (F700311)

5574-1 Matrix Printer

Bolded Underscored Colon -- The problem with a bolded underscored colon causing the printer to deselect with an error code can be prevented by setting switch S2-8 on the Centronics Interface Board to "1". (F301732)

VS-PMO19 Matrix Printer

Strike Thru -- The strike thru attribute no longer strikes through too many or too few characters when using different pitch sizes. (F245014)

VS-PMO19 and VS-PMO15 Matrix Printers

Loading Printer Task Code -- These printers no longer attempt to continually load task code when configured in GENEDIT, but not physically connected to a port. (F013992)

LPS8 Laser Printer

Proportional Spaced Font -- The LPS8 now prints superscripts in the correct location when printing with a proportional spaced font. (F011759)

Illegal Width -- Printing a document without the document summary no longer causes the message "ILLEGAL WIDTH - PRINTOUT TERMINATED BY SYSTEM." (F302179)

Stop Codes -- Documents with a stop code at the beginning and end of a page can now successfully switch from a 10 to 12 pitch font without causing the printer to terminate with an illegal width message. (F402757)

LIS-12/24 Laser Printer

Document Summary -- A document summary with a 10 pitch font will now print correctly. An inappropriate Illegal Width message does not appear. (DCR 1856)

Dual Columns -- Printing a dual column document with 11 x 17-inch paper no longer hangs the printer. (F012503 and F401474)

LPS-12 Laser Printer

Character Sets -- The LPS12 will now print with the assigned character set. (F301870)

LCS15 Laser Printer

Center Bold -- The LCS15 now correctly centers text when using typewriter fonts with the bold attribute. (F402745)

Font Defaults -- The LCS15 allows the selection of a Landscape font
as the default font. (F301990)

Font Defaults -- The LCS15 now prints with a character set other
than character set 1. (F502062)

Printer Malfunction -- The LCS15 no longer hangs when you cancel a
document from the print queue while the printer is in a paper out
condition. (F402615)

10 Pitch Courier -- The 10 pitch Courier font is now autoenclosed
with this release for the LCS15.

LDP8 Laser Printer

Installing Fonts -- Fonts now install correctly on a VS when using
FINSTALL Version 1.06.03. Fonts now print correctly when using Rev
D or greater (P200000204)

VS/IIS Peripheral Utilities

WP Font Regeneration -- The LCS15 font index will now correctly
display the first font in the font catalog after running the WP Font
Regeneration utility. (F013241)

Font Selection Screen -- The font selection screen in WP Peripheral
utilities now displays all the fonts available for the printer.
(F013717)

CHAPTER 6
SPECIAL CONSIDERATIONS AND RESTRICTIONS

RESTRICTIONS

Chapter 6 describes special considerations and restrictions that exist when using VS/IIS Peripherals. Where applicable, probe numbers appear in parentheses at the end of sentences. Probe numbers are used by Wang field support to identify and track special considerations.

Note: Additional restrictions for VS/IIS Peripherals are listed in the VS/OIS Printer Services Reference Guide.

All Printers

Indent -- If an indented line wraps, and the first word of the next line has a script in it, an error may occur.

Canceling a Print Request -- Buffered printing devices (e.g., the LPS-12, LIS-12/24 and some EADC devices) react differently from daisy printers when the user attempts to cancel an active print job. The devices may be slow to respond or may even complete the job before the request can be processed. (Probe F300058) Also, the 'restart page' sequence (deselect/top of form), may restart the next page, not the one currently printing, due to buffering.

Superscripts and Subscripts -- Superscripts and subscripts do not justify and word wrap correctly when they are surrounded by spaces. They also overwrite the baseline when using a Proportional Spaced pitch print wheel on daisy printers.

Dual-Column Printing -- In dual-column printing, if there is text preceded by a center graphic on page one, when the document is printed a space is added to page two at the beginning of each line. (F302108)

Dual Sheet Feeder -- When printing on Standard or A4 size paper in Landscape orientation, the paper must be loaded in bin 2.

Merge Printing -- The following restrictions exist with Merge printing:

- Merge printing fails when the printer runs out of paper because the variables are thrown out of order when the printer deselects for a paper change. (F302386)

- When printing a large number of letters and addresses, the umlaut character (ü) may appear erroneously in the printout. (F014087)

Quarter Line Spacing -- Quarter line spacing is not supported when superscripts or subscripts are used.

Laser Printer Paper Jams -- Laser printers may lose a page of text when there is a paper jam.

Print Menu -- The Printer Number field defaults to "000" after you enter a printer number of 100 or greater and send a job to print.

Dual Column Documents -- Dual column documents add one space to the right margin of the second column than what is specified in the print menu. For example, if 45 is specified for the right margin, the column prints at 46.

6581W Daisy Printer

Illegal Width -- Illegal widths cause the printer to print beyond the edge of the paper onto the platen.

PM015 Daisy Printer

Cancelling While Deselecting -- Cancelling while deselecting causes the printer to hang.

DW/OS-55 Daisy Printer

Dual Sheet Feeder -- Using the DW/OS-55 with a Dual Sheet Feeder and submitting a document with 'continuous forms', the printer will feed from the lower tray first. The printer documentation states that the upper tray is first. (F008821)

Printing in Standard Forms -- When printing two copies of a document in standard forms, the first page comes from bin 1 while the next page comes from bin 2. In the second copy, all pages come from bin 2. (F012814)

Ziyad Sheet Feeder -- When printing with a Ziyad Sheet Feeder, the carriage can do one of two things. It can either remain in the center and begin printing, or it can start at the center, move to the left, after a paper feed, insert an extra line feed, then return to the center. (F01464)

Illegal Width Specifications -- When printing with a Ziyad Sheet Feeder, illegal widths, for all paper sizes, occur at two characters beyond the specifications.

DW/OS-60 Daisy Printer

Sheet Feeder -- A page length of 51 must be selected in order to use 8 1/2 x 11 or 8 1/2 x 14 inch paper in the landscape orientation. (F600516)

Dual Sheet Feeder, Illegal Widths -- The dual sheet feeder does not flag illegal widths in landscape mode. All paper sizes in Landscape orientation flag illegal widths as if the printer were using continuous paper.

Dual Sheet Feeder, Page Lengths -- Page lengths are all one line less than the documented specifications.

5574-1 Line Printer

Printer Deselect -- The printer deselects itself for every print job sent to it, when there are no jobs queued in the printer. (F245530)

Cancel at Stop Codes -- If you cancel a job while the printer is stopped at a stop code, it deselects, signals the alarm, and then reselects.

Cancel a Job With the Printer Off -- If you send a job while the printer is off and then cancel it, when you power the printer on again, it deselects, sounds the alarm, and then reselects.

VS-PMO19 Matrix Printer

Attributes -- The attributes, underscore, double underscore, and strike thru are dropped from spaces immediately following a stop code for a font change request.

5535 Matrix Printer

Superscripts -- In triple line spacing, if you use a superscript, the line of text following the superscript prints as if it were double spaced.

5577 Matrix Printer

Illegal Width -- With the Ziyad sheet feeder, with A4 size paper in Landscape orientation, a 10 pitch font prints 117 characters instead of 116.

Printing Textfiles -- Printing text files causes the font to default to character set 1.

Page Length Specifications -- With Ziyad sheet feeders, A4 size paper in landscape orientation prints 67 lines per page instead of 66 as specified.

5578 Matrix Printer

Page Lengths -- The following page length restrictions exist for the 5578 matrix printer with a dual sheet feeder:

- Standard size with Portrait orientation at 6 lines per inch prints 65 lines instead of 66 and at 8 lines per inch prints 87 lines instead of 88.

- A4 size paper with Portrait orientation at 6 lines per inch prints 69 lines instead of 70 and at 8 lines per inch prints 92 lines instead of 93.

- Legal size with Portrait orientation at 6 lines per inch prints 83 lines instead of 84.

Dual Sheet Feeder, Illegal Widths -- The dual sheet feeder does not flag illegal widths in landscape mode. All paper sizes in Landscape orientation flag illegal widths as if the printer were using continuous paper.

Cancel a Print Job -- If the Dual Sheet Feeder is attached and a job is cancelled, when the printer is deselected, it ejects one blank page and then prints a cancellation message.

IPL Printer -- When you perform an IPL, the printer is deselected.

LM400/700/900 Matrix Printer

IPL Printer -- After you perform an IPL or send a job, the printer is deselected instead of selected.

LPS8 Laser Printing System

Standard Forms -- If a multiple page document is queued to print on the LPS8 with 'standard forms' while the paper bin is empty, a 'change paper' message will be generated for the second page of the document. If the user now cancels the job and adds paper, a blank sheet is ejected without the cancellation message. (F212180)

Illegal Width -- Given a format line of 65 characters and a left margin of 10, if a word at the left margin contains 2 or more stop codes, the current line overprints the line above and an "Illegal width" message is printed. (F301039)

Power Off/ON -- Prior to printing WP jobs, the printer may unexpectedly reset itself. This sequence results in the printer emitting erroneous messages such as "change paper" and setting incorrect forms selections.

Printing in Standard Forms -- With the Dual Sheet Feeder, when printing two copies of a document in standard forms, the first page comes from bin 1 while the next page comes from bin 2. In the second copy, all pages come from bin 2. (F012814)

WP Print Background Job -- For a WP Print Background job, when the printer is in the change paper mode, the mailbox is constantly being reopened which affects the performance level. (F014119)

Underlined Stop Codes -- This printer is limited to one underlined stop code per page.

Page Lengths -- With Standard or Legal paper size, when you use Landscape orientation, the last line on the page is chopped.

LPS-12 Laser Printing System

Textfiles -- Text files cannot be printed on the LPS-12 using a 15 pitch font unless a special PS letter gothic font is purchased.

15-Pitch Fonts -- When printing 15 pitch on the LPS-12 Laser printer, 8 lines per inch must be selected from the print menu.

Paper Sizes -- This software will accommodate different size paper in the upper and lower paper trays, which may be selected without causing the "C4" message to be displayed. In other words, Form 1 could be used for 11" paper and Form 2 could be used for 14" paper without operator intervention. The default paper length is 11" for both trays.

Printing With 10 and 12 Pitch Landscape Fonts -- Printing a document with 10 or 12 pitch Landscape fonts at 8 lines per inch is not supported.

Superscript and Overflow -- Superscripts do not print when text that contains superscripts overflows onto the next page.

Cancelling With the Cover Open -- Cancelling a print job with the cover open causes the printer to hang.

LIS-12/24 Laser Printing System

Subscripts and Overflow -- Overflow text in a document, with 8.5 x 11-inch paper size, in Landscape orientation, and at 8 lines per inch, causes any subscripts to be dropped and the first line in the overflow text to be chopped.

Two Modified Fonts -- This printer does not switch correctly between the modified fonts within a document.

Cancel With Paper Out -- If you cancel a job with paper out, for all forms, a blank page is ejected before the cancellation message prints.

Mixing Proportional Spaced and Fixed Pitch Fonts -- In a paragraph where the primary font is a Proportional Spaced font, if a fixed pitch font is applied to text within the paragraph, the first line of the paragraph prints too far to the right.

Illegal Widths -- With a 10 pitch font in Landscape orientation, the printer prints 106 characters before flagging illegal width instead of 107 as specified.

LIS-12 Laser Printing System

Cancel an Underscored Document -- If you cancel the printout of an underscored document during a stopcode, no further text is printed, no paper ejects, and no cancellation message appears.

LDP8 Laser Printer

Superscripts and New Format Lines -- Superscripts move progressively to the right and often overlay the baseline text when a new format line is inserted after a stop code that calls for a font change.

Right Justification -- With a Helvetica 14 point font, text does not right justify properly.

Font Names Discrepancies -- The font names displayed in the WP Font Index Screen do not exactly match the font name on the cartridge labels. Refer to Appendix D in the *VS/OIS Printer Services Reference Guide* for the correct font names.

Page Lengths -- A4 size paper in Portrait orientation at 6 lines per inch prints 67 lines instead of 70 lines as indicated in the specifications.

LCS15 Laser Printer

Graphs and Images -- The LCS15 laser composition system supports the printing of PIC text but does not support the printing of PIC images and VDM graphs.

Superscript and Subscripts -- In overflow text, with a Times-Roman 18 point font, superscripts and subscripts become separated from their baseline when there is a new format line with double or triple line spacing.

Subscripts in Dual Columns -- In a dual column document, using a Courier 10 point Bold Oblique font, subscripts print as single line spacing.

Superscripts With Mixed Fonts -- In an overflow condition, using Courier 18 point font in a document with mixed fonts, superscripts print one-and-one-half lines above the baseline.

Standard Forms for Three Copies -- Printing in Standard Forms for three copies, pages 3 and 4 use bin 2 for the first copy. However, copies two and three do not use bin 2 for page three. (F302276)

Underlined Text with Two Character Sets -- If you print a document with two different size fonts, any underlined text uses the larger size underline on all underlined text in the document. (F700501)

Illegal Widths -- The following restrictions exist for illegal widths
for the LCS15 printer:

- Printing with A4 size paper, in Landscape orientation, a
  10 pitch font prints 113 characters instead of 112 and a
  12 pitch font prints 136 characters.

- Printing with Standard size paper, in Landscape orientation,
  a 12 pitch font prints 128 characters instead of 127 and a
  15 pitch font prints 160 characters instead of 158.

Page Lengths -- The following restrictions exist for page lengths for
the LCS15 printer:

- Printing with 8.5 x 11-inch size paper, in Portrait
  orientation, at 8 lines per inch the printer prints 84 lines
  instead of 85 as specified.

- Printing with 8.5 x 14-inch size paper, in Portrait
  orientation, at 6 lines per inch the printer prints 82 lines
  instead of 81 as specified.

- Printing with A4 size paper, in Portrait orientation, at 8
  lines per inch the printer prints 68 lines instead of 67 as
  specified.

- Printing with A4 size paper, in Portrait orientation, at 8
  lines per inch the printer prints 90 lines instead of 89 as
  specified.

- Printing with A4 size paper, in Landscape orientation, at 8
  lines per inch the printer prints 61 lines instead of 62 as
  specified.

- Printing with Legal size paper, in Landscape orientation, a 12
  pitch font prints 164 characters instead of 163 and a 15 pitch
  font prints 205 characters instead of 203.

IP41D Image Printer

12-Pitch Font -- When printing in 12 pitch, a tab which terminates a center will occasionally fall one column short of its intended position.

Landscape Font -- The selection of a Landscape font as the primary character set and selecting a lines per page value that is less than the number of lines in the document may cause the printer to restart or overflow.

FINSTALL

Error Message -- When FINSTALL is run and 5-1/4-in. fonts are installed on the Central Drive, the message "Sorry - Font file cannot be installed on the system" is displayed. The fonts are installed on the system, only the message is erroneous. (F009795)

VS/IIS Peripheral Utilities

Fonts -- The only fonts distributed with any of the Auto Enclosure Diskettes (except for the LCS15, and the PM019) are 10 Pitch Courier. After the Auto Enclosure diskettes have been installed, Peripheral Utilities may be run to activate each of the optionally purchased fonts.

Updates for LIS-12/24 and LPS8 -- To add an LIS-12, LIS-24 or LPS8 to an existing VS/IIS print system, the file WPSPRTRN must be updated. This is done by running the LIS-12/24 font Auto-Creation utility contained in Peripheral Utilities. This program is invoked by running program START in library PUTIL from the WP Utilities menu. The purpose of this process is to convert LPS-12 fonts to LIS-12/24 fonts (if LPS-12 fonts exist) AND update the WPSPRTRN file.

Single Font Diskette Update -- This utility is for OIS Systems only. Font diskettes cannot be updated over WISE. The utility can only be run from the physical OIS system.

Character Sets

The following character sets are contained with this release:

Daisy Printers

STANDARD U.S. (DIABLO)
U.S. LEGAL
WANG 08 (modified scientific)
FULL SCIENTIFIC-SYMBOL
WANG 05 MULTILINGUAL
WANG 06 U.S. AUTO 2x UNDERSCORE
WANG 07 CANADIAN AUTO 2x UNDER
WANG 04 SWED/FIN AUTO 2x UNDER
WANG 04 NOR/DEN AUTO 2x UNDER
WANG 02 SWISS-FRENCH SLASH UNSLA ZERO
WANG 02 SWISS-GERMAN SLASH UNSLA ZERO
WANG 06 OCR-A
WANG 06 OCR-B
WANG 03 PORTUGAL
WANG 06 FRACTIONAL
WANG 06 NARRATOR 10
COURIER 10 PLASTIC
PRESTIGE ELITE 12 PLASTIC

Line Printers

MATRIX PROM CHARACTER SET
CHAIN PRINTER
CANADIAN MATRIX
MULTILINGUAL MATRIX
NETHERLAND MATRIX
U.S. MATRIX PRINTER
CHAIN PRINTER- at X7F
NORWEGIAN MATRIX
SWED/FINN/DUTCH MATRIX
CHAIN PRINTER ALL UPPER CASE
ASCII LINE PRINTER
MULTILINGUAL BAND

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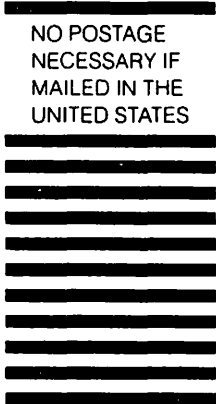
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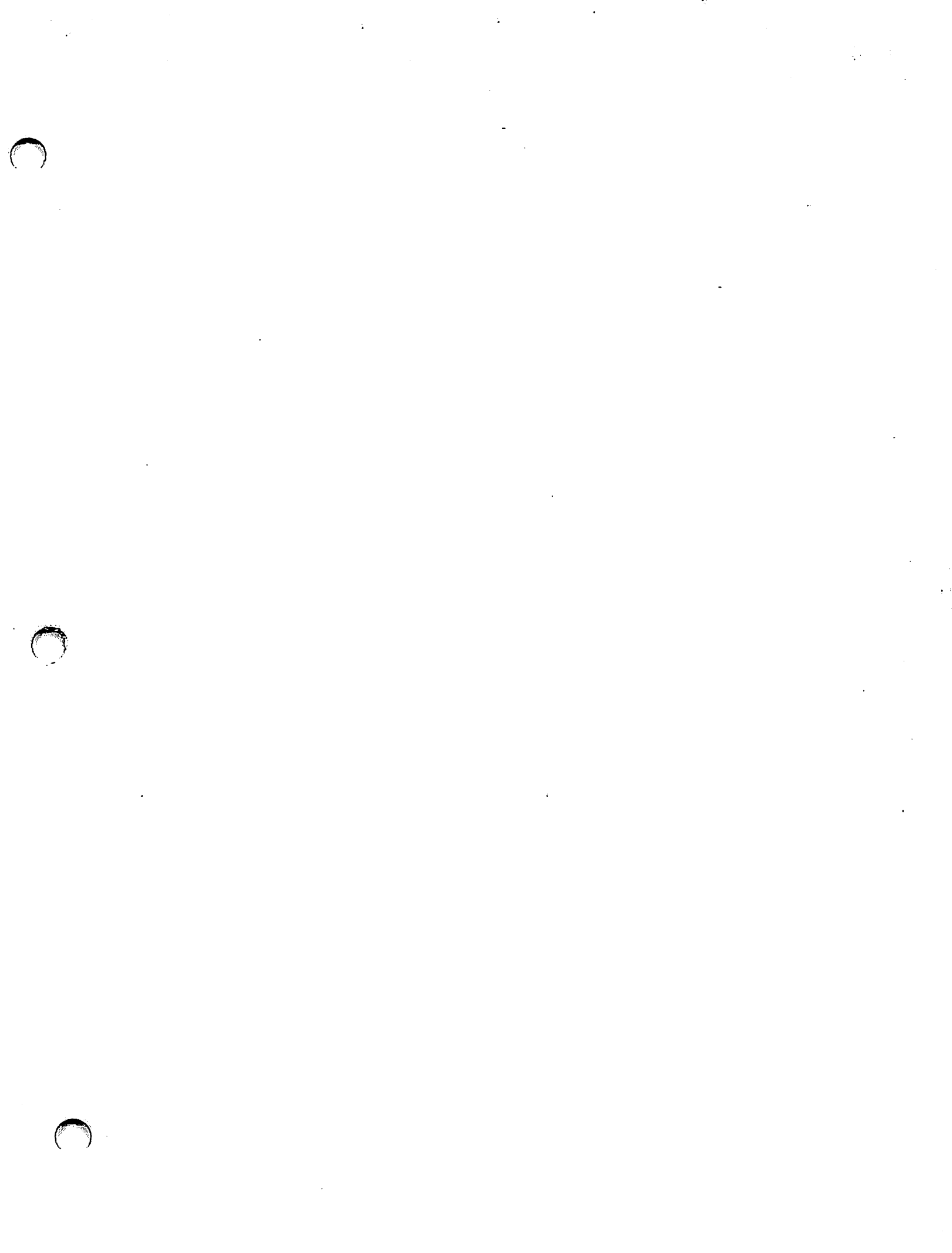FIRST CLASS   PERMIT NO. 16   LOWELL, MA

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