IBM LP+/SAP DEVICE TYPE: ZIBM64XX

This document describes ZIBM64XX, a new SAP Compatible IBM DEVICE TYPE. Appendix 1 provides step-by-step instructions for installing ZIBM64XX into the list of DEVICE TYPES in the SAP R/3 spooling system. The ZIBM64XX DEVICE TYPE is designed for use on the SAP R/3. The procedures outlined below specifically pertain to SAP version 3.1H. However, if your SAP R/3 system version is 3.0 or higher, the procedures are identical. The IBM LP+/SAP DEVICE TYPE is also compatible with other versions of SAP, including SAP R/2.

ZIBM64XX is a DEVICE TYPE designed by IBM specifically for **IBM 64xx printers** and is compliant with all requirements for SAP R/3 compatible DEVICE TYPES. Once installed in an R/3 system's list of DEVICE TYPES, ZIBM64XX can be assigned to IBM 64xx printers by the SAP System Administrator. ZIBM64XX functions entirely within the host's SAP R/3 software system. <u>ZIBM64XX allows SAP system users to print SAP application documents, which contain IBM Line Printer Plus (LP+) bar codes and its set of fixed and scalable fonts conveniently from their SAP standard toolbars and transaction menus.</u>

Familiarity with the SAP System Administration screens (SPAD), will be needed. We recommend reading the SAP Basis Component Printing Guide on the online SAP help system, as well as the "The SAP R/3 Handbook", J. A. Hernandez, McGraw-Hill, 1997.

Operation of the SAP R/3 Printing System

The SAP R/3 Printing System has a proprietary spooling system to receive, process, schedule, print, and distribute documents requested for printing by SAP users. The SAP spooling system performs two major functions: (1) formatting the document according to the parameters of the DEVICE TYPE assigned to the OUTPUT DEVICE (printer) and (2) communicating the formatted output data to the spooling system of the host computer system, where the OUTPUT DEVICE is physically connected.

Basically, SAP system users working on data within a SAP application module can request the printing of a displayed document by clicking on the print button in any SAP transaction screen that presents a standard toolbar or by choosing the Print function from the transaction's List menu. This step presents the user with a Print Screen List, which allows the user to enter an OUTPUT DEVICE name and results in the transaction generating a SPOOL REQUEST.

The SPOOL REQUEST starts a SAP spool work process to handle the SPOOL REQUEST for the user-named OUTPUT DEVICE, which is a printer in this case. To do that, the OUTPUT DEVICE works with a System Administrator-assigned DEVICE TYPE , which is available in a list of DEVICE TYPES within the SAP spooling system. The DEVICE TYPE provides all necessary spool processing information via a command translation table for the OUTPUT DEVICE. As a result, the spool work process is able to translate the SAP native output control commands contained in the SAP application's print controls into the command language of the named OUTPUT DEVICE.

SAP R/3 LIST OF DEVICE TYPES

In SAP, a DEVICE TYPE is a printer parameter interface between an OUTPUT DEVICE and set of logical information components that define how that printer prints documents. These logical information components are a collection of printer-specific control properties.

The standard SAP system "out-of-the-box" supplies an extensive list of resident DEVICE TYPES to enable printing with a variety of commercially available OUTPUT DEVICES. SAP assures that these resident DEVICE TYPES will work properly with the SAP R/3. In the SAP SPOOL ADMINISTRATION (SPAD) screens, SAP provides System Administrators the capability to define new DEVICE TYPES and append them to the resident list of available DEVICE TYPES. However, the creator of such a new DEVICE TYPE is responsible for its accuracy, performance, and support, not SAP.

Note: Any of the resident DEVICE TYPES, regardless of origin, can be used "as is" or modified by the System Administrator. Depending on the specific SAP system environment, a DEVICE TYPE, such as ZIBM64XX, may be customized to meet OUTPUT DEVICE specific requirements. Typically, the list of resident DEVICE TYPES provides a good starting set of templates to create custom DEVICE TYPES. A simple way to create a custom DEVICE TYPE is to copy the definition and then change it as necessary to meet system OUTPUT DEVICE requirements. Modifications to the DEVICE TYPES can be made easily by using the fill-in-thebox tables in the SAP SPOOL ADMINISTRATION screens.

SAPscript Printer Drivers

The SAP system provides a list of "out-of-the-box" SAPscript printer drivers, which are assigned to various DEVICE TYPES in the SAP list of available DEVICE TYPES. The purpose of these SAPscript printer drivers is to make the conversion from the output format of SAPscript to the print format of the DEVICE TYPE assigned with the OUTPUT DEVICE. The list below identifies five of the most common of the SAPscript printer drivers.

Each of these SAPscript printer drivers is named in the SAP system with unique four character code, such as STN2.

- 1. HPL2: HP PCL4/PCL5 (LJ 3, 4, 5, 6)
- 2. POST: PostScript (Adobe)
- 3. PRES: Prescribe(Kyocera)
- 4. SWIN: Windows (SAPlpd/SAPWIN)
- 5. STN2: SAP Standard Line Printer Driver

System Administrators, who create DEVICE TYPES, specify one of these SAPscript printer drivers in the Driver field of the SPAD "Create Device Type" screen.

Note: The ZIBM64XX Device type is intended to be used with the STN2 Printer Driver

Printing to an OUTPUT DEVICE

For a SAP transaction to print a document, it must deliver an output data stream to an OUTPUT DEVICE connected to the R/3 system. To prepare the data for that output stream, the SAP spooling system needs a substantial amount of information about the physical device represented by the OUTPUT DEVICE. In SAP R/3, each OUTPUT DEVICE is assigned a specific DEVICE TYPE that provides for the storage of the details about the physical device and other required data within the spooling system. The information contained in each DEVICE TYPE is organized as a collection of tables that define the attributes of a specific OUTPUT DEVICE.

A printer is a common example of an OUTPUT DEVICE. When R/3 has multiple printers connected, it requires separate OUTPUT DEVICE (printer) definitions, each of which has been assigned the proper printer-specific DEVICE TYPE definition.

Creation of an OUTPUT DEVICE

In SAP, an OUTPUT DEVICE is a unique four character system name for the physical device. This OUTPUT DEVICE name is registered in the SAP spooling system and is specified each time a print request is made to print a document to the device. The SPAD Create Output Device screen is used to specify the OUTPUT DEVICE definition, which includes the four character OUTPUT DEVICE name, the DEVICE TYPE, and other essential system information about the physical device to the SAP spooling system.

Description of ZIBM64XX:

ZIBM64XX contains all the IBM 64XX printer-specific information required for the SAP spooling system to respond to a user's print request and deliver a properly prepared output data stream to the IBM64XX printers as an assigned OUTPUT DEVICE.

ZIBM64XX has the following logical components:

SAPSCRIPT DRIVER

This component contains the SAPscript printer driver, which makes the conversion from the output format of SAPscript to the print format of the DEVICE TYPE assigned to the OUTPUT DEVICE. This driver uses the properties and attributes resident in the DEVICE TYPE definition to translate SAPscript forms into an output data stream that can be printed by the physical printer.

CHARACTER SETS

This component is a collection of character sets, or code pages, that are available in the OUTPUT DEVICE. The SAP spooling system uses this collection of character sets to translate SAP code values in its own system character set into an output data stream of code values understood by the OUTPUT DEVICE.

PRINT CONTROLS

This component contains the command set of the OUTPUT DEVICE and makes it possible for the SAP spooling system to translate its system print controls used ABAP/4 programs and in SAPscript forms into the escape sequences required by the OUTPUT DEVICE.

FORMATS

This component determines how the output will appear on the paper and primarily specifies paper sizes, such as Letter and DINA4. It allows SAPscript forms to construct a layout and portrait or landscape orientation in the printable area of the page.

DEVICE INITIALIZATION

This component is a group of escape sequences used to configure the OUTPUT DEVICE for the requirements of the specific document in the print request. These configuration escape sequences, containing information such as cpi, lpi and fonts, are sent to the printer prior the initiation of an output data stream for the document.

ZIBM64XX Bar Code And Font Support

IBM LP+/SAP DEVICE TYPE, ZIBM64XX, provides <u>SAP system users</u> the ability to print documents utilizing the <u>bar codes and serif and sans serif fonts</u> that are resident in Line Printer Plus (LP+), which is standard firmware in every IBM 64XX printer.

The printer emulations available for selection in LP+ are IBM Proprinter XL III, Epson FX 1050, IBM P-series and serial matrix. The ZIBM64XX DEVICE TYPE is designed to be used with the LP+ emulation selected as P-Series in the LP+ menu. The <u>LP+ Superset Command Set</u> (SSCS) incorporated in ZIBM64XX makes "out-of-the-box" SAP bar codes and IBM resident bar codes available to SAP report programmers. These SSCS/SAP/IBM bar codes are shown in Table 1 below.

The LP+ serif and sans serif font sets contain the fonts that are standard in the emulated printers, along with a number of additional popular fonts that are provided by IBM. ZIBM64XX is designed with these LP+ bar codes and the LP+ font set as part of the DEVICE TYPE definition.

When ZIBM64XX has been specified in the OUTPUT DEVICE (printer) definition, all the LP+ bar codes and fonts are immediately available for use by <u>SAP report programmers</u>, who write SAP reports in either SAPscript or ABAP/4 programming language. All standard SAPscript bar codes are automatically mapped to the equivalent device-specific escape sequences that represent the bar codes in the OUTPUT DEVICE.

<u>ZIBM64XX is thus very convenient for the SAP report programmer</u>. To insert either LP+ bar codes in reports generated by SAPscript and/or ABAP/4 programs, it is <u>only necessary to write</u> the name of the bar code type and the bar code data at the proper location on the page of the report.

When the <u>SAP System Administrator</u> has assigned ZIBM64XX to the IBM 64XX OUTPUT DEVICE, <u>SAP system users</u> will be able to print SAP documents containing LP+ bar codes and fonts by simply using their SAP standard toolbars and transaction menus.

Table 1: Bar code symbologies supported by ZIBM64XX

SSCS Barcode Types	SAP Names	Names Assigned by
Code 39	BC_CD39	SAP (out-of-the-box)
Code 39C	BC_CD39C	SAP (out-of-the-box)
EAN 13	BC_EAN13	SAP (out-of-the-box)
EAN 8	BC_EAN8	SAP (out-of-the-box)
EAN 8 (fur Schulung)	EAN8	SAP (out-of-the-box)
Interleaved 2/5	BC_I25	SAP (out-of-the-box)
Interleaved 2/5	BC_125C	SAP (out-of-the-box)
POSTNET 5	BC_PSN5	SAP (out-of-the-box)
POSTNET 9	BC_PSN9	SAP (out-of-the-box)
MSI no check sum	BC_MSI	SAP (out-of-the-box)
MSI mod10 check sum	BC_MSIC	SAP (out-of-the-box)
MSI mod10 mod10 check sum	BC_MSI1	SAP (out-of-the-box)
MSI mod11 mod11 check sum	BC_MSI2	SAP (out-of-the-box)
Code 128 (A, B, C, or D)	ZPTXC128	IBM
Codabar	ZPTXCBAR	IBM
Code 93	ZPTXCD93	IBM
FIM A, B, C, or D	ZPTXFIM	IBM
GermanI-25 11 digit	ZPTXGERB	IBM
GermanI-25 13 digit	ZPTXGERD	IBM
Maxicode	ZPTXMAXI	IBM
Postbar	ZPTXPBAR	IBM
PDF 417	ZPTXPDF	IBM
Royal Mail	ZPTXRBAR	IBM
Telepen	ZPTXTPEN	IBM
UCC 128	ZPTXUCC	IBM
UPC-A	ZPTXUPCA	IBM
UPC-E	ZPTXUPCE	IBM
UPC Shipping	ZPTXUPCS	IBM
UPS 11	ZPTXUPSB	IBM

ZIBM64XX supports SAP "out-of-the-box" bar codes and IBM resident bar codes shown in Table 1 above by including them in its DEVICE TYPE definition. However, the addition of other bar code types into the SAP system may be done by using the System Administration Spool menu, which provides this capability in its "SAPscript Font Maintenance: Initial Screen". Detailed instructions for adding IBM bar codes to SAP using this method are provided on pp. 11-16.

Note: When a report programmer designs a form in SAP, we suggest that the programmer examine the actual printout (hard copy) of the form at the printer rather than view the print preview mode of the document in SAP. The reason is that the printed page image of a bar code will appear in exactly the same position as designed into the document's SAP program. Specifically, the <u>upper left hand corner</u> of the bar code image box generated by the document programmer is automatically placed at the cursor position of the programmer's source code editor. This places the bar code box below the cursor position on the printed page. However, in a

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SAP transaction's Print Preview function, the <u>lower left hand corner</u> of the bar code image box is placed at the cursor position in the Print Preview display. This places the box above the screen cursor position and may interfere with the display of text or other material that has been written above the cursor position in the program.

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How to install the ZIBM64XX DEVICE TYPE

For the ZIBM64XX to be available to SAP R/3 applications, it must be imported into the SAP spooling system. R/3 provides two import utilities in SAP transaction SA38 to store the DEVICE TYPE information in the proper places within the spooling system. One utility is used to import the ZIBM64XX character sets. The other is used for the remaining components of ZIBM64XX.

Briefly, the ZIBM64XX installation steps are:

- **Test** the printer outside SAP R/3 to verify its printing operation.
- **Import** the PDT files using the two SA38 utilities.
- **Create** an OUTPUT DEVICE for the SAP spooling system. This makes a logical connection between the OUTPUT DEVICE, the DEVICE TYPE, and the COMMUNICATION PATH to the printer (physical device).
- **Print** a test document selected in a user's SAP application transaction screen. Specify the OUTPUT DEVICE name in the Print List screen and the list printing of the test document should take place at the printer.

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Successful implementation of these steps will verify correct installation of ZIBM64XX.

Appendix 1

Installation of the IBM LP+/SAP Device Type: ZIBM64XX

The following procedures detail the use of the SAP R/3 System to install the IBM LP+/SAP DEVICE TYPE in the list of available DEVICE TYPES in the spool system of SAP R/3. The outlined procedures below is specifically pertain to SAP version 3.1H. If your SAP R/3 system version is 3.0 or higher, the procedures are similar and the LP+/SAP DEVICE TYPE is also compatible with other versions of SAP.

Preliminary Printer Verification Stage: print Non-SAP documents in Non-SAP environment

This is to confirm that the host OS/printer attachment works properly outside of SAP. <u>This</u> <u>enhances the assurance that the host operating system and the printer are correctly configured</u> <u>prior to creating the IBM printer as an OUTPUT DEVICE to the SAP R/3 internal spool system</u>.

SAP R/3 documentation strongly advises that the printer should be thoroughly pre-tested in printing Non-SAP documents in the host OS system without SAP. Typically, the host OS could be any one of these platforms: UNIX systems, Windows or Windows NT, AS/400, or IBM mainframe platforms.

After the "Printer's Requirements" above are satisfied, generate a few printouts to the IBM printers from any non-SAP applications such as MS Word or any ASCII text editor. If no printouts were generated, check all connections to and from the printers. If all else failed, contact IBM Support Group to resolve it. *Do not proceed any further!*

PROCEDURE ONE: Add IBM bar code definitions to SAP R/3 System

- 1. To utilize IBM bar codes in SAP R/3 applications, SAP R/3 requires the definitions of these bar codes to be incorporated into the naming space of SAP R/3 System. All non-standard (not "out-of-the-box") bar code names begin with the letter Z to conform with SAP naming convention for non-system objects.
- Start the SAP R/3 front-end client GUI. Log into the central instance of SAP Server with administrator rights. Type in your User name and Password at the appropriate text box. Press the *<ENTER>* key to continue to the next screen. The screen should look very much like the illustration below.

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<u>U</u> ser S <u>y</u> stem <u>H</u> elp	•
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Log off New passwo	ord
Client	300
llser	2
Password	******
Languaga	
Language	
	SD2 (1) (000) sapdev2 OVR 01:00PM

SAP R/3 Login Screen

3. Start the *SAPscript Font Maintenance* transaction SE73 by entering */nse73* in the command line text box located just below the menu bar of the SAP R/3 System screen

Press the *<Enter>* key or click once on the box adjacent to the command line text box. Alternate method is to use the menu bar by selecting *Tools->Administration->Spools->Font maintenance*. The "*SAPScript Font Maintenance*" screen should look very much like the illustration below.

0,
🞬 SAPscript Font Maintenance: Initial Screen
Goto Environment System Help S
Font families System fonts Printer fonts System bar codes
O Font families
O System fonts
O Printer fonts/AFM metrics
System har codes
O Printer har codes
Dicplay Change
SD2 (1) (300) sapdev2 OVR 02:09PM

SAPscript Font Maintenance: Initial Screen

- 4. At the "SAPscript Font Maintenance: Initial Screen", select System bar codes option by clicking on the radio button to activate it. Click the **Change** command button to enter the "SAPscript Font Maintenance: Change System Bar Codes" screen.
- 5. At the "SAPscript Font Maintenance: Change System Bar Codes" screen shown below, click
 Create command button located just below the Formatting toolbar to define a new bar code.

R	SAPscript	t Font Maintenance: Char	ige System Bar Cod	es					2	×
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	2	•	🖆 🗲 🟦 🗙	e M	Ē.	8 B I	3 🕄 🧏	2		
	Change	Delete Create								
	Bar code	Description		Min.	Max.	Width	Unit	Height	Uni -	•
	ARTNR	Artikelnummer		01	10	4,80	CM	1,20	CM	
114	AUFNR	Auftragsnummer		01	08	4,80	CM	1,20	CM	
	BARCLUS	Test Barcode im L	US	01	20	5,00	CM	2,00	CM	
11	BC_C128B	Code 128 B,	n.txt,h=13mm	01	40	9,00	CM	1,30	CM	
	BC_CD39	Code 39 no chk,	n.txt,h=13mm	01	40	5,00	CM	1,30	CM	
	BC_CD39C	Code 39 w.chk,	n.txt,h=13mm	01	40	9,00	CM	1,30	CM	
	BC_EAN13	EAN 13,	w.txt,h=13mm	12	12	5,00	CM	1,30	CM	
	BC_EAN8	EAN 8,	n.txt,h=13mm	07	07	3,00	CM	1,30	CM	
	BC_EANH	EAN 128,	n.txt,h=13mm	01	40	9,00	CM	1,30	CM	
	BC_ESC	ESC character (he	x 1B)	01	01	0,00	τw	0,00	T₩	
	BC_125	Int.2of5 no chk,	n.txt,h=13mm	02	26	5,00	CM	1,30	CM	
	BC_I25C	Int.2of5 w.chk,	n.txt,h=13mm	01	25	5,00	CM	1,30	CM	
	BC_JAN	JAN Barcode (Japa	n)	01	10	4,00	CM	1,20	CM	
	BC_MS I	MSI no chk,	n.txt,h=13mm	01	14	9,00	CM	1,30	CM	
	BC_MSIC	MSI mod-10 chk,	n.txt,h=13mm	01	14	9,00	CM	1,30	CM	
	BC_MSIC1	MSImod10 mod10chk	,n.txt,h=13mm	01	14	9,00	CM	1,30	CM	
	BC_MSIC2	MSImod11 mod10chk	,n.txt,h=13mm	01	14	9,00	CM	1,30	CM	
	BC_PSN5	USPS POSTNET 5	n.txt,h= 3mm	05	05	4,00	CM	0,30	CM	
										Ŧ
						S	D2 (1) (300)	sapdev2	OVR 02:29Pt	м

SAPscript Font Maintenance: Change System Bar Codes Screen

6. At the "SAPscript Font Maintenance: Create/Change System Bar Code" screen, enter the appropriate entries for each field of the ZPTXC128 bar code as indicated in the table below.

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Click **Continue** when all the entries are entered.

Field Name	<u>Field Entry</u>
Bar code	ZPTXC128
Description	IBM: Code 128 A, B, or C
Min. character number	1
Max. character number	50
Bar code width	9
Unit of measurement	СМ
Bar code height	1,30
Unit of measurement	СМ

	SAPscript Font Maintenance	: Create/Change System Bar Code	×
l	Bar code		
l	Description		
l	Min. character number		
l	Max. character number		
l	Bar code width		
l	Unit of measurement	СМ	
l	Bar code height		
l	Unit of measurement	СМ	
	Continue Cancel		

SAPscript Font Maintenance: Create/Change System Bar Code Screen

7. When making changes or defining new objects in the SAP R/3 system, an object is assigned a request number so that SAP R/3 system can track its profile as to when, who, what, and how that object was created. In this case, it is appropriate to request a new number since you are about to create a new bar code definition object. To obtain a new request number, at the pop-up dialog "*Change Request Query*" windows shown below, simply click on the

Create request command button.

Change Request Query	×
SAPscript printer definition	
ZPTXLPP	
Request	
Number \$D2K900207 ±	
🖌 📓 Own requests Create request 🗙	

Change Request Query Screen

8. Type in the description for the newly created request at the "*Create Request*" screen very much like the illustration below. Key in the description such as "IBM: Create new bar code

ZPTXC128 to work with ZIBM64XX". Click the save button to continue.

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Create Request		×
Short descript.	Import device type	
🔺 Add user Dele	e user 🗙	

Create Request Screen

- 9. Notice that a new request number is placed in the *Number* field entry text box of the <u>Change</u> <u>Request Query Screen</u> and that the description of the request that you have just entered in the "Create Request " screen, is displayed just below the request number. Next, click the enter button *located* at the lower left corner of the current active window.
- 10. Repeat steps 5 through 9 of **PROCEDURE ONE** above for the following bar codes:

Bar code	Description	Min. character number	Max. character number	Bar code width	Unit of measurement	Bar code height	Unit of measurement
ZPTXCBAR	IBM: Codabar	1	32	1,30	СМ	1,30	СМ
ZPTXCD93	IBM: Code 93	1	50	1,67	СМ	1,30	СМ
ZPTXFIM	IBM: FIM A, B, C, or D	1	1	1,30	СМ	1,30	СМ
ZPTXGERB	IBM: GermanI-25 11digit	11	11	1,30	СМ	1,30	СМ
ZPTXGERD	IBM: GermanI-25 13digit	13	13	1,30	СМ	1,30	СМ
ZPTXMAXI	IBM: Maxicode	1	50	1,30	СМ	1,30	СМ
ZPTXPBAR	IBM: Postbar	1	50	1,30	СМ	1,50	СМ
ZPTXPDF	IBM: PDF417	1	50	5,00	СМ	1,30	СМ
ZPTXRBAR	IBM: Royl Mail	1	50	1,30	СМ	1,50	СМ

IBM Printing Sy	stems
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Bar code	Description	Min. character number	Max. character number	Bar code width	Unit of measurement	Bar code height	Unit of measurement
ZPTXTPEN	IBM:	1	50	1,30	СМ	1,30	СМ
	Telepen						
ZPTXUCC	IBM: UCC	1	50	1,30	СМ	1,30	СМ
	128						
ZPTXUPCA	IBM: UPC-A	11	11	1,30	СМ	1,30	СМ
ZPTXUPCE	IBM: UPC-E	6	6	1,30	СМ	1,30	СМ
	(6 digit)						
ZPTXUPCS	IBM: UPC	1	50	1,30	СМ	1,30	СМ
	Shipping						
ZPTXUPSB	IBM: UPS	10	10	1,30	СМ	1,30	СМ
	11 (10 digits						

PROCEDURE TWO: Install the ZIBM64XX DEVICE TYPE to an existing SAP R/3 System

- 1. Set the printer emulation to IBM Proprinter III XL from the printer's panel. The printer emulation should already be set in IBM Proprinter III XL mode when powered ON. Next, print the printer's configuration from the printer's panel to make sure that the firmware is loaded correctly and the Flash-RAM and DRAM installed memory satisfied the printer's memory requirement.
- 2. Save the current printer's configuration so that whenever the printer is turn OFF and ON the same settings will be loaded into the memory. Refer to the User's Reference Manual of the IBM printer for a complete procedure on how to accomplish step 1 and 2.
- 3. Double-click the self-extracting ZIBM64XX DEVICE TYPE file *353914.exe*. Two files named as *S9210.CPA and ZIBM64XX.PRI* will be required during the installation of the ZIBM64XX DEVICE TYPE. Note the path where these files are located because you will be asked to specify the path during the import process of the ZIBM64XX DEVICE TYPE.
- 4. Start the SAP R/3 front-end client GUI. Log into the central instance of SAP Server with administrator rights. Type in your User name and Password at the appropriate text box. Press the *<ENTER>* key to continue to the next screen. The screen should look very much like the illustration below.

I SAP R/3	
<u>U</u> ser S <u>y</u> stem <u>H</u> elp	•
v -	
Log off New passwo	rd
Client	300
User Password	? *****
Language	
	SD2 (1) (000) sapdev2 OVR 01:00PM

SAP R/3 Login Screen

5. Start the *Program Execution* transaction SA38 by enter /nSA38 in the command line text box

located just below the menu bar of the SAP R/3 System screen

✓ /nSA38

Press the *<Enter>* key or click once on the *box* adjacent to the command line text box. The screen should look very much like the illustration below.

M SA	P R/3 Syst	tem	
<u>O</u> ffice	<u>L</u> ogistics	Accounting	Human resources Information systems Tools System Help
			•
V	nSA38	-	
Dyn	amic mei	nu	
			SD2 (1) (300) sapdev2 OVR 02:41PM

SAP R/3 System Screen

6. At the "ABAP/4: Execute Program " screen shown below, key in *RSTXCPAG* in the *Program* field to upload the *S9210.CPA* file into the SAP printing system. Next, click the

execute button when done.

📽 ABAP/4: Execute Program 📃 🗆 🗙
Program E <u>d</u> it <u>G</u> oto <u>U</u> tilities System <u>H</u> elp
🤌 🖋 With variant 🖄 Variant overv. 🛛 Background
Program RSTXCPAG ±
SD2 (1) (300) sapdev2 OVR 03:05PM

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ABAP/4: Execute Program Screen

7. Next, at the window titled "Upload/Download of Character Set Definitions (Code Pages)", enter the appropriate entries for each field as indicated by the illustration screen below. Key in 9210 for Character set number field and /tmp/S9210.CPA for File name field. Next, select the File system: GUI field by clicking on the check box adjacent to the field, select Upload (file $\rightarrow R/3$) option by clicking on the radio button to turn it ON, select the Update/delete when uploading option by place a check inside the check box. When all the

entries are entered correctly, click on the execute button *v* to continue.

Upload/Download of Character Set Definitions	; (Code Pages)
<u>P</u> rogram E <u>d</u> it <u>G</u> oto S⊻stem <u>H</u> elp	
✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ <p< td=""><td></td></p<>	
 ✓ ✓	
Character set number	9010 ±
File name	/tmp/S9010.CPA
☑ File system: GUI	
Download (R/3 -> dataset)	•
Upload (file -> R/3)	۲
Update/delete when uploading	
	SD2 (1) (300) sandev2 (0VB 03:25PM

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Upload/Download Character Set Definition Screen

8. A pop-up dialog text box labeled "*Import from a Local File*" prompts for character set filename and the its location. Use the browse button to located *S9210.CPA* file in the *File name* entry text box. Click the OK button to continue. The screen should look very much like the illustration below.

Import from a Loca	al File	×
File name	A:\\$9010.cpa	±
Data format	ASC	<u> </u>
ок 🗙		

Import from a Local File dialog

- 9. If no error occurs, the SAP R/3 system will display upload result messages inside the "*Upload/Download Character Set Definition*" screen. Otherwise a pop-up error message dialog box will appear on the screen. Repeat steps 5-7 and make sure all the entries are correct before continuing to the next screen.
- 10. The next series of steps outline the import procedure of the device type definition file *ZIBM64XX.PRI* from the floppy disk to the SAP R/3 printing system. First, execute the Program Execution transaction SA38 by keying in */nSA38* at the command line entry text box

located just below menu bar of the current screen **In SA38**. At the window screen "*ABAP/4: Execute Program*", very much like the illustration below, key in *RSTXSCRP*

in the *Program* text entry box then click execute button to launch the device type definition import program.

🖀 ABAP/4: Execute Program 📃 🗆 🗙
<u>P</u> rogram E <u>d</u> it <u>G</u> oto <u>U</u> tilities S <u>v</u> stem <u>H</u> elp
🦻 🦻 With variant 🖄 Variant overv. 🛛 Background
Program RSTXSCRP ±
] SD2 (1) (300) sapdev2 OVR 01:26PM

ABAP/4 Execute Program Screen

11. At the next window titled "SAPscript Export to Dataset / SAPscript Import from Dataset" shown below, select Device type option, key in ZIBM64XX for Object name text box, enter IMPORT for Mode (EXPORT/IMPORT) option, select File system: GUI option, and key in /tmp/ZIBM64XX.PRI in the Dataset name text box. When the entries for all the requirement

fields are entered correctly, click on execute button to start the import process. Ignore all other options.

🎬 SAPscript Export to Dataset / SAPscript Import from Dataset 📃 🗖 🗙				
<u>P</u> rogram E <u>d</u> it <u>G</u> oto S <u>v</u> stem <u>H</u> elp	•			
V 🔄 🗲 🏦 🗙				
▶ 1 1 100				
Object selection and session ctri	-			
Device type	۲			
Layout set	0			
Style	0			
Standard text	0			
Object name				
Mode (EXPORT/IMPORT)	IMPORT			
Ctrl parameters for file operation				
File system: Server	0			
File system: GUI	۲			
Dataset name				
🗖 Binary file format				
Display dataset contents				
Control of language versions				
Language vector				
Only export original language				
	SD2 (1) (300) candov2 OV/D 08-20AM			
Li contra				

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SAPscript Import from Dataset Screen

12. When making changes or defining new objects in the SAP R/3 system, an object is assigned a request number so that SAP R/3 system can track its profile as to when, who, what, and how that object was created. In this case it is appropriate to request a new number since you are about to create a new printer definition object. To obtain a new request number, at the pop-up dialog "*Change Request Query*" windows shown below, simply click on the

Create request command button.

Change Request Query	×
SAPscript printer definition	
ZPTXLPP	
Request	
Number SD2K900207 +	-
M M Aum requests Create request	
V V V V V V V V V V V V V V V V V V V	

Change Query Request Screen

13. Next, type in the description for the newly created request at the "*Create Request*" screen very much like the illustration below. Next click the save button to continue.

Create Request	×
Short descript.	Import device type
	User TRAN_DU
🔺 Add user Delete	user 🗙

22

Create Request Screen

14. Notice that a new request number is placed in the *Number* field entry text box and the description of the request that you have just entered in the "Create Request " screen, is

displayed just below the request number. Next, click the enter button located at the lower left corner of the current active window.

15. A pop-up dialog text box labeled "Import from a Local File" prompts for the device type

definition file and the its location. Use the browse button 🔳 to locate the *ZIBM64XX.PRI* in

the *File name* entry text box and then click the ok command button to start the upload process. The screen should look very much like the illustration below.

Import from a Local F	ile	×
File name		[
Data format	ASC	
		1
]		
ок 🗙		

Import from a Local File dialog

16. When the import process is finished, update messages will be displayed in the current active window very much like the illustration below.

🎬 SAPsc	ript Exp	port to Da	ataset / SAPscript Import from Dataset	_ 🗆 🗙
<u>L</u> ist E <u>d</u> it	<u>G</u> oto	S⊻stem	Help	
~				£
SAPscri	ipt E	xport	to Dataset / SAPscript Import fr	1 📩
******* Transpo Object <mark>Spooler</mark>	succion for	***** bject essful <mark>ormed</mark>	************** Start SAPscript Trans PRIN ZPTXLPP is being processed ly imported <mark>of change</mark>	∍port
			SD2 (1) (300) sandey2 0	

PROCEDURE THREE: Verify the import of ZIBM64XX DEVICE TYPE in the SAP R/3 System

 Start the Spool Administration transaction program SPAD by enter /nSPAD in the command line text box located just below the menu bar of the current active window of SAP R/3 system. Press the *<Enter>* key or click on the check box adjacent to the command line text box entry.



2. At the "Spool Administration Initial Screen" very much like the illustration below, select

Device type option so that the radio button is ON and then click the button.

Spool Administration: Initial Screen	
Settings Character sets Administration Goto Utilities	System <u>H</u> elp
🖌 🕒 🖌 👘 🖌	M G 4 1 6 6 8 7
Settings & character sets	
O Output devices	
Device types	
O Standard print control	ିନ୍ଦ Display
O Device print control	
O Page formats	🖋 Change
O Formats	
O Device formats	
O SAP character set	
O Manuf. character set	
O Character sets	
L	
Administration	
Delete obsolete spool requests	
Consistency check	
Check installation	
l	
	SD2 (1) (300) sapdev2 OVR 08:35AM

SPAD Initial Screen

3. Scroll down the "*List of Device Types*" screen shown below, if you don't see *ZIBM64XX* on the list. The IBM device type should be listed as **ZIBM64XX IBM LP+ emulation 1.00A**. If the device type is not listed, repeat PROCEDURE ONE again.

🎬 Spool Adm	inistration: List of Device Types			_ 🗆 🗙
De⊻ice type - B	E <u>d</u> it <u>G</u> oto <u>U</u> tilities S <u>v</u> stem <u>H</u> elp			
~	· < ← 1 × ⊨ M Ø	101	3 🕄 🦉	
Single D	elete Create Copy from			
Device ty	pName			
SAPWIN5	MS-Windows cyrillic via SAPLPD			
SAPWINJP	MS-J Windows driver via SAPLPD			
SCREEN	SAPscript screen device type			
SNI20XX8	SNI 20XX-8 Laser Printer			
SNI4009	Siemens/Nixdorf 4009 (EPSON)			
SNI4010	Siemens/Nixdorf 4010 (EPSON)			
SNI4011	SNI 4011 24-pin (EPSON LQ850+)			
SNI9014	Siemens/Nixdorf 9014 (EPSON)			
SNIZD13	Siemens/Nixdorf ZD13			
SWIN	SAPWIN Kor. Listenaufbereitung			
TOPCHEL	TOPCHLL: Teletax			
TOPCHELT	TOPCHLL: Teletex			
	HD Lacoriot 2 2. driver STN2			
	HP Laserjet 2,3: driver STN2			
ZTRM6408	TRM 6468-666 DDODDINTED TIT YI			
ZIBM NEW	TRM 6408-000 PROPRINTER III XE			
	Printronix IP+ emulation 1 00A			
ZPTXANSI	PTRX Proline Series5 ANSI			
ZPTXLM	Printronix Proline Series 5			
ZPTX DUC	Printronix P5000 Series			
Z_HP2930	HP 2930 printer			
•	·			▼
	[]	SD2 (1) (300)	sapdev2)VR 08:47AM

SPAD List of Device Types Screen

IBM Printing Systems Using the IBM ZIBM64XX DEVICE TYPE Create an "Output Device" in SAP for the IBM 64XX printer

1. From the current active SAP R/3 system window enter the "*System Administration*" screen by keying in */nSPAD* at the command line text box entry located just below the menu bar



 At the "Spool Administration : Initial Screen" very much like the one shown below, select the Output devices option and then click the Change command button to define a IBM output device.

🎬 Spool Administration: Initial Screen	
Settings Character sets Administration Goto Utilities	System <u>H</u> elp 😎
Settings & character sets	
Output devices	
O Device types	
O Standard print control	ିନ୍ଦ Display
O Device print control	
O Page formats	🖋 Change
O Formats	
O Device formats	
O SAP character set	
O Manuf. character set	
O Character sets	
I	
Administration	
Delete obsolete spool requests	
Consistency check	
Check installation	
1	
[SD2 (1) (300) sapdev2 OVR 09:34AM

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SPAD Initial Screen

3. At the "*Spool Administration: List of Output Devices*" screen very much like the illustration below, click on the **Create** command button located just below the formatting toolbar, to enter the create output device screen.

🎬 Spool Administration: List of Output Devices			
Output device Edit <u>G</u> oto <u>U</u> tilities System <u>H</u> elp			
	2		
Single Delete Create			
Dev. Device typLocation or message			
DUC HPLJ4 Engr Bldg. A (HP4SiA)			
DUC2 HPLJ4 Building C - Front desk			
DUKE IBM6408 DUT Engineering - Building A			
GFAX HPLJ_II IRV/HOL Goldfax			
H011 ZIBM6408 WHS - REC1_PRINT - LETTER (P5212)			
H012 ASCIIPRI - LABEL1_PRINT (T1006)			
H013 ASCIIPRI - LABEL2_PRINT (T1006)			
H014 ZIBM6408 ORD - LA21_PRINT - LETTER (P5212)			
H015 ZIBM6408 FIN - CS2_PRINT - LETTER (P5212)			
H016 ZIBM6408 PLN - CS3_PRINT - LETTER (P5212)			
H017 ZIBM6408 ORD - LA23_PRINT - INUOICE (P5212)			
H018 ZIBM6408 SAP - LA26_PRINT (P5000)			
H019 ZIBM6408 WHS - LETTER (P5212)			
H020 HPLJ4 FIN - (HP5)			
HL00 HPLJIIID LSROOM - A4 (L1024)			
1001 ZIBM6408 DERIAN - Order Entry, VAX:LPDE23 (P5212)			
1002 ASCIIPRI DERIAN - Supplier Management 2nd flr, VA	X		
1003 ZIBM6408 BLDG C - Accounting area, VAX:LPCC04 (P5	2		
1004 ZIBM6408 DERIAN - Customer Service, VAX:LPDE26 (P	5		
1	, –		
SD2 (1) (300) sapdev2 OVR 09:	47AM		

SPAD List of Output Devices Screen

4. Next, at the "Spool Administration: Create Output Device" screen shown below, two fields on this screen are the most important for you to create the printer as an output device in SAP: (1) Output device field, which names the printer within the SAP system and (2) Device type field, which specifies the internal SAP driver and other properties of the printer within the SAP system. Key in four alphanumeric characters in the Output device text box entry field. Next, click anywhere on the text entry box of the Device type field to get a list of available device types. Select ZIBM64XX IBM LP+ emulation 1.00A device type from the pick list. ZIBM64XX should be displayed inside the Device type text entry box. For other fields listed below:

Spool Server: The name of the SAP Spooler Server.

Host: The host operating system where the SAP Spooler Server is configured and installed.

Host Printer: The name of the printer where it is defined in the host operating system.

Device class: do not change.

Access method: Enter the following entries depending on the access method (connection method) between the SAP Server Spooler and the host operating system spool.

LPQ format: Enter *B* in the entry text box.

Location: Administrative information field to describe the physically location of the printer.

Message: Administrative information field for SAP administrator to display the message to users.

Consult the on-line help *BC Printing Guide* in SAP R/3 system for a complete description of each field and what options are available for it.

🎬 Spool Administration: Create Output Device						
<u>O</u> utput de∨ice E <u>d</u> it	<u>G</u> oto <u>U</u> tiliti	ies S <u>y</u> stem	<u>H</u> elp			
~	•	🔹 🗲 🛓	×		10 10 10 10	8
Next screen						
Output device		PNTX				
Device type						
Spool server					Host	
Host printer						
Device class		Print	er			
Access method LPQ format		L Print	1008	ally via L	P/LPR with	signal
Location B	uilding	A Front	Desk			
Message						
□ SAP title page □ Lock printer in	e n R/3 Syst	em				
					0 (1) (200)	
				JSD	2 (1) (300) sapdi	9VZ UVR 10:55AM

SPAD Create Output Device Screen

- 5. When all the fields are correctly enter with appropriate entries, save the output device definition by selecting from the menu bar *Output device* → *Save*. A shorter way to save is to click on the save button on the formatting toolbar just below the menu bar of the "*Spool Administration: Create Output Device*" screen.
- 6. The "Spool Administration: List of Output Devices" screen now displays a list the output devices for the SAP R/3 system. Scroll up or down to find the output device that has just been named in the **Output device** field along with the text description of where the printer is located entered in the **Location** field of the "Spool Administration: Create Output Device" screen.

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The IBM 64XX printer should now be ready for SAP document printing.

Reassign an existing "Output Device" in SAP for the IBM 64XX printer

1. From the current active SAP R/3 system window enter the "*System Administration: Initial Screen*" screen by keying in */nSPAD* at the command line text box entry located just below the menu bar.

InSPAD	-

At the "Spool Administration : Initial Screen" very much like the one shown below, select the Output devices option and then click the Change command button to continue.

Spool Administration: Initial Screen	
$\underline{S} ettings \underline{C} haracter sets \underline{A} dministration \underline{G} oto \underline{U} tilities$	System <u>H</u> elp 😎
	· M M 4 1 4 2 ?
Settings & character sets • Output devices	
O Device types	
O Standard print control	রু Display
O Device print control	
O Page formats	🖋 Change
O Formats	
C Device formats	
O SAP character set	
O Manuf. character set	
O Character sets	
Administration	
Delete obsolete spool requests	
Consistency check	
Check installation	
	SD2 (1) (300) sapdev2 OVR 09:34AM

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SPAD Initial Screen

3. At the "*Spool Administration: List of Output Devices*" screen shown below, double-click on the desired output device from the list of output devices.

Output device Edit Goto Utilities System Help Image: State of the state of			
Single Delete Create			
Dev. Device typLocation or message			
DUC HPLJ4 Enor Bldo, A (HP4SiA)			
DUC2 HPLJ4 Building C - Front desk			
DUKE IBM6408 DUT Engineering - Building A			
GFAX HPLJ_II IRV/HOL Goldfax			
H011 ZIBM6408 WHS - REC1_PRINT - LETTER (P5212)			
H012 ASCIIPRI - LABEL1_PRINT (T1006)			
H013 ASCIIPRI - LABEL2_PRINT (T1006)			
H014 ZIBM6408 ORD - LA21_PRINT - LETTER (P5212)			
H015 ZIBM6408 FIN - CS2_PRINT - LETTER (P5212)			
H016 ZIBM6408 PLN - CS3_PRINT - LETTER (P5212)			
H017 ZIBM6408 ORD - LA23_PRINT - INUOICE (P5212)			
H018 ZIBM6408 SAP - LA26_PRINT (P5000)			
H019 ZIBM6408 WHS - LETTER (P5212)			
H020 HPLJ4 FIN - (HP5)			
HL00 HPLJIIID LSROOM - A4 (L1024)			
1001 ZIBM6408 DERIAN - Order Entry, VAX:LPDE23 (P5212)			
1002 ASCIIPRI DERIAN - Supplier Management 2nd flr, VAX			
1003 ZIBM6408 BLDG C - Accounting area, VAX:LPCC04 (P52			
1004 ZIBM6408 DERIAN - Customer Service, VAX:LPDE26 (P5			
SD2 (1) (300) [sendev2 [OVB [09:47A]			

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SPAD List of Output Devices Screen

4. At the "Spool Administration: Change Output Device" screen very much like the illustration below, click anywhere on the text entry box of the Device type field to get a list of available device types. Select ZIBM64XX IBM LP+ emulation 1.00A device type from the pick list. ZIBM64XX should be displayed inside the Device type text entry box. Note that the name displayed inside the Output device text box represents the output device name that you have selected in the previous screen. For other entries listed below:

Spool Server: The name of the SAP Spooler Server.

Host: The host operating system where the SAP Spooler Server is configured and installed.

Host Printer: The name of the printer where it is defined in the host operating system.

Device class: do not change.

Access method: Enter the following entries depending on the access method (connection method) between the SAP Server Spooler and the host operating system spool.

LPQ format: Enter *B* in the entry text box.

Location: Administrative information field to describe the physically location of the printer.

Message: Administrative information field for SAP administrator to display the message to users.

Consult the on-line help *BC Printing Guide* in SAP R/3 system for a complete description of each field and what options are available for it.

🎬 Spool Administration: Change Output Device 📃 🗖 🗙			
<u>O</u> utput device E <u>d</u> it <u>G</u>	<u>à</u> oto <u>U</u> tilities System <u>H</u> elp 🗧 🔽		
v			
Next screen De	elete		
Output device	DUC		
Device type	±		
Spool server	Host		
Destination host	Output handling running		
Host printer			
Device class	Printer		
Access method LPQ format	<pre>S Print on LPDHOST via SAP protocol B Berkeley-compatible LPQ (RFC1179)</pre>		
Location En	or Bldo A		
Message	<u>.</u>		
SAP title page			
🗆 Lock printer in	R/3 System		
	SD2 (1) (300) sapdev2 OVR 11:35AM		

SPAD Change Output Device Screen

- 5. When all the fields are correctly enter with appropriate entries, save the output device definition by selecting from the menu bar *Output device* → *Save*. A shorter way to save is to click on the save button on the formatting toolbar just below the menu bar of the "*Spool Administration: Change Output Device*" screen.
- 6. The "*Spool Administration: List of Output Devices*" screen now displays a list the output devices for the SAP R/3 system. One of which is the one you have just modified to use the *ZIBM64XX* device type.

The IBM 64XX printer should now be ready for SAP document printing.

Test the installed IBM ZIBM64XX DEVICE TYPE

1. To test the newly installed IBM printer and the new ZIBM64XX Device Type in SAP R/3 System, many SAP transactions generate and display results in a list format at the current window. At any given screen, a print option can be selected to print the current list to the

desired printer. To accomplish this, first, key in */nSPAD* in the command text entry box located just below the menu bar of the current active window of

SAP R/3 system. Next select • Output devices then click on the Command button. A list of available output device types will be displayed. The screen should look very much like the illustration below.

🞬 Spool Administration: List of Output Devices			
<u>O</u> utput d	evice E <u>d</u> it <u>G</u> i	ito <u>U</u> tilities Sy	/stem <u>H</u> elp 😎
~		-	
Singl	e Delete	Create	
Dev. Device typLocation or message			
DUC	HPLJ4	Engr Bldg.	. A (HP4SiA)
DUC2	HPLJ4	Building (C - Front desk
DUKE	IBM6408	DUT Engine	ering – Building A
GFAX	HPLJ_II	IRU/HOL Go	oldfax
H011	ZIBM6408	WHS - F	REC1_PRINT - LETTER (P5212)
H012	ASCIIPRI	- L	_ABEL1_PRINT (T1006)
H013	ASCIIPRI	- L	_ABEL2_PRINT (T1006)
H014	ZIBM6408	ORD - L	A21_PRINT - LETTER (P5212)
H015	ZIBM6408	FIN - C	CS2_PRINT - LETTER (P5212)
H016	ZIBM6408	PLN - C	CS3_PRINT - LETTER (P5212)
H017	ZIBM6408	ORD - L	A23_PRINT - INUOICE (P5212)
H018	ZIBM6408	SAP - L	_A26_PRINT (P5000)
H019	ZIBM6408	WHS - L	ETTER (P5212)
H020	HPLJ4	FIN - ((HP5)
HL00	HPLJIIID	LSROOM - A	A4 (L1024)
1001	ZIBM6408	DERIAN - C	Order Entry, VAX:LPDE23 (P5212)
1002	ASCIIPRI	DERIAN - S	Supplier Management 2nd flr, VAX:LPD
1003	ZIBM6408	BLDG C - A	Accounting area, VAX:LPCC04 (P5212)
1004	ZIBM6408	DERIAN - C	Customer Service, VAX:LPDE26 (P5212)
1006	ASCIIPRI	BLDG C - C	Contract/Maintenance VAX:LPCC09 (DEC
1007	ZIBM6408	DERIAN - F	Production Order (P5280)
1008	ZIBM6408	DERIAN - E	BOM Kit VAX:LPDE47 (P5280)
•			
			SD2 (1) (300) sapdev2 OVR 10:14AM

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SPAD List of Output Devices Screen

Next select from the menu bar *Output device* → *Print this list*, a "Print Screen List" screen similar to the one shown below will be displayed. Key in the name for the *Output device* field which has been defined earlier in section "Using the IBM ZIBM64XX DEVICE TYPE" of this document. Check the *Print immed* and the *Delete after print* under the

Spool Control area of the Print Screen List. Next click on the 🕒 command button to print.

I Print Screen List		
<u>O</u> utput E <u>d</u> it <u>G</u> oto S <u>v</u> stem <u>H</u> el	lp	•
· · ·		£ ₽ ?
Output device	■ ■BLDG C - Computer Room, V	AX:LPCR03 (P5212/IGP)
Number of copies	_	
Spool request		
Name SAPMSP	AO_TRA	
Title		
Authorization		
Spool control		Cover sheets
🗹 Print immed.		D SAP cover sheet
🗹 Delete after print		Recipient TRAN_DU
☑ New spool request		Department Engineering
Retention period	8 Day(s)	
Archiving mode	Print ±	
Output format		
Lines 65	5 🗆 🗆 Footer	
Columns 13	32	
Format X	65_132 ABAP/4 list: A	t least 65 rows by 132 col
		SD2 (1) (300) candov2 (DV/D 10-23AM

Print Screen List

3. If there is no output from the printer, check to make sure that the printer is properly connected and able to print non-SAP applications from the host system where the printer is connected. Otherwise contact your SAP administrator for support.