Customer Tips

... for the user

PDL Reference Guide for the WorkCentre 4150

Accessing Extended Features

Overview

This document describes how to access the extended features of the WorkCentre 4150 in environments for which Xerox does not make a custom driver. This document covers both color and black/white devices.

Note: Some of the commands and syntax used in this document requires familiarity with either PostScript (PS) or Printer Command Language (PCL).

This document provides the Printer Description Language (PDL) commands and syntax for each feature. The following tables also include:

- features supported by the WorkCentre platform.

- commands to use in a PCL print job

- commands to use in a PS print job

This document is not intended as a PS or PCL reference manual, but a guide for using the extended features in PS, PCL or ASCII print jobs.

Using this Guide

1. Refer to the Feature List for the feature you wish to implement. Select the page number to jump to that page.

2. Follow the syntax listed for the command you selected. Read the "Dependencies/Caveats" section. You can access features using several methods:

    - PCL or PS commands

    - PJL SET commands

    - Xerox specific COMMENT command.

Feature Listing

PCL and ASCII print jobs can use PJL commands or PCL commands to access the attributes of the device. If there is more than one method listed to access a specific feature, determine the best method for your application and use that method.

For this document PJL COMMENTs are referred to as Comment commands.

Getting Started

Comment Commands

To process all PJL COMMENT commands enclose them with XRXBegin and XRXEnd commands. The following example shows a PCL or ASCII print job:

```
@PJL COMMENT XRXbegin
@PJL COMMENT OID_ATT_START_SHEET OID_VAL_JOB_SHEET_NONE;
@PJL COMMENT XRXend
```

- The first parameter of the command is an attribute followed by a value.
- Comment commands must end with a semicolon except for the XRXbegin and XRXend commands.
- A comment command not enclosed by XRXbegin and XRXend is NOT a Xerox specific command and is treated as a real comment with no functional attachment to its contents.
- The comment commands are specific to WorkCentre products that use the SMART network controller.

PJL SET Commands

PJL SET commands are available for some features. If you choose to use these commands, do not enclose them with the XRXBegin and XRXEnd commands.

PJL SET commands do not require a semicolon at the end of the command line.

PCL Commands

PCL commands are available for some features. If you choose to use these commands do not enclose them with the XRXBegin and XRXEnd commands. Refer to a PCL reference manual for more specific information regarding PCL commands.

PS Commands

PS commands are for some features. If you choose to use these commands, do not enclose them with the XRXBegin and XRXEnd commands. Refer to a PS reference manual for more specific information regarding PS commands.

Features

XRXEnd
When the interpreter receives this command it stops parsing PJL COMMENT commands.
PJL COMMENT Command
@PJL COMMENT XRXend

General Comment Commands

JOB NAME
The value for Job Name is stored for printing on the banner page.
PJL COMMENT Command
@PJL COMMENT JOB NAME="**string**";
Where **string** is a maximum of 40 characters. This appears as the first item on the banner sheet.

JOB OWNER
The value for Job Owner is stored for printing on the banner page.
PJL COMMENT Command
@PJL COMMENT OID_ATT_JOB_OWNER "**string**";
Where **string** is a maximum of 40 characters. This appears as the second item on the banner sheet.

QUANTITY		
This PJL variable is used to specify the number of collated sets of a document. A value greater than 9999 results in 9999 copies produced. A value less than one results in one copy produced.		
PJL SET	**PCL Cmd**	**PS Cmd**
@PJL SET QTY=**int**	NA	NA
Where **int** is 1 to 9999.		

COPIES		
Use this command to specify the number of uncollated sets of a document in a print job. With COPIES specified, the device renders X number of copies of page 1 of the document, X number of copies of page 2, and so on. Use the COLLATION command in conjunction with the COPIES command to set a collate value.		
PJL SET	**PCL Cmd**	**PS Cmd**
@PJL SET COPIES=**int**;	<esc>&l**int**X	<</NumCopies **int**>> setpagedevice or **int** /languagelevel where {pop languagelevel}{1} ifelse 2 ge { 1 dict dup /NumCopies 4 -1 roll put setpagedevice }{ userdict /#copies 3 -1 roll put } ifelse
Where **int** is 1 to 9999.		

JOB TYPE
The Job Type command indicates a job that requires special handling.
PJL COMMENT Command
@PJL COMMENT OID_ATT_JOB_TYPE OID_VAL_JOB_TYPE_***string***;

Where ***string*** is one of the following:	
PRINT	Indicates a normal print job.
PROOF_PRINT	Comparable to Sample Set in a driver. This job type allows you to specify multiple copies with the @PJL SET COPIES command. One set prints for review. Then you can release or delete the job.

DELAY PRINT
Delays printing a job until the time specified by the command.
PJL COMMENT Command
@PJL COMMENT OID_ATT_JOB_PRINT_AFTER "**yyyymmddhhmmss**";
Where ***yyyy***=year, ***mm***=month, ***dd***=day, ***hh***=hours, ***mm***=minutes, ***ss***=seconds

BANNER SHEET (START SHEET)
This command turns on/off the banner sheet that prints at the beginning of every job. It only applies to the job that contains the command; it does not affect any other jobs. If the device is configured to disable banner sheets, this command is ignored.
PJL COMMENT Command
@PJL COMMENT OID_ATT_START_SHEET OID_VAL_JOB_SHEET_"***string***";

Where ***string*** is:

NONE Do not create a banner sheet for this job.

FULL   Create a banner sheet for this job. By default, if the START SHEET comment is not included a banner sheet is generated unless the device has banner sheet disabled.

USER A custom start sheet is included in this job.

Media Comment Commands

MEDIA SOURCE			
This command specifies the tray to supply the job's media. These are PCL commands rather than PJL commands. Insert this command within the PCL portion of the print job.			

PCL Cmd	PS Cmd
<esc> &l*int*H	<</MediaPosition *int*>> setpagedevice

Where ***int*** is one of the following:

Description	PCL5 int	PCL6 int	PS int
Auto Select	0	1	0
Tray 1	1	4	1
Tray 2	4	5	2
Tray 3	23	7	3
Tray 4	24	11	4
Bypass Tray	2	3	5

NOTE: When sending a job with a tray selection, issue a MEDIA COLOUR "Unspecified" and MEDIA TYPE "Unspecified" PJL COMMENT in the PDL.

MEDIA SIZE

This command specifies the size of media on which to print the job. These are PCL commands rather than PJL commands. Insert a media size command within the PCL portion of the print job.

All WorkCentre devices do not support all paper sizes. Check the product documentation for paper sizes supported.

PCL Cmd	PS Cmd
<esc> &l*int*A	<</PageSize [*width height*]/ImagingBBox null>> setpagedevice Note: / ImagingBBox null is optional

Where *int* is one of the following:

Media Sizes	PCL5 int	PCL6 int	PS (w h) Points	Media Sizes	PCL5 int	PCL6 int	PS (w h) Points
Letter 8.5 x 11" (216 x 279 mm)	2	0	612 X 792	A4 (210 x 297 mm)	26	2	595 X 842
Legal 8.5 x 14" (216 x 356 mm)	3	1	612 X 1008	A3 (297 x 420 mm)	27	5	842 X 1191
Tabloid (Ledger) 11 x 17" (279 x 432 mm)	6	4	792 X 1224	A4 Cover/Tab (223 x 297 mm)	200	200	632 x 842
Executive 7.25 x 10.5" (184 x 267 mm)	1	3	522 x 756	A5 (148 x 210 mm)	25	15	420 x 595
Invoice (Statement) 5.5 x 8.5" (216 x 140 mm)	41	41	396 x 612	A6 (105 x 148 mm)	203	17	297 x 420
5 x 7" (127 x 178 mm)	204	204	360 x 504	B4 (257 x 364 mm)	46	10	729 x 1032
8 x 10" (203 x 254 mm)	208	208	576 x 720	B5 (182 x 257 mm)	45	11	516 x 729
Letter Cover/Tab 9 x 11" (229 x 279)	201	201	648 x 792	B6 (128 x 182 mm)	205	18	363 x 516
Postcard (4.5 x 6") (114 x 152 mm)	211	13	324 x 432	Folio 8.5 x 13 inches (215 x 330 mm)	44	212	612 x 936
Postcard (100 x 148 mm)	71	71	283 x 420	ISO A6 (215 x 315 mm)	24	24	297 x 420
12 x 18" (305 x 457 mm)	213	203	864 x 1296	Spanish Folio	43	206	609 x 893
12 x 19" (305 x 483 mm)	214	214	864 x 1368	Postcard Oufuku Hagaki (148 x 200)	72	14	420 x 567
Envelope Sizes	*PCL5 Int*	*PCL6 int*	*PS (W H) Points*	*Envelope Sizes*	*PCL5 Int*	*PCL6 int*	*PS (W H) Points*
Monarch Envelope 3.9 x 7.5" (98 x 191 mm)	80	7	279 x 540	DL Envelope (110 x 220 mm)	90	9	312 x 624
Comm 10 Envelope 4.1 x 9.5" (105 x 241 mm)	81	6	297 x 684	B5 Envelope (176 x 250 mm)	100	100	
C5 Envelope (162 x 229 mm)	91	8	459 x 649				

NOTE: When sending a job with a media size, there must be a MEDIA COLOUR "Unspecified" and MEDIA TYPE "Unspecified" PJL COMMENT command issued in the PDL.

MEDIA TYPE
Media types are used to distinguish the type of media a job requires. If using the Media Source command, set the Media Type command to Unspecified.
PJL COMMENT Command
@PJL COMMENT OID_ATT_DEFAULT_MEDIUM_TYPE "*String*";
Where *string* is one of the following:
Standard Transparency Labels Drilled Recycled Preprinted Envelopes Cardstock Letterhead Custom1-7 Unspecified Other System-Default Bond

Media Color
Use this command to indicate the color of the media used to print a job. The strings are case sensitive with the first letter capitalized and the rest lower-case. When using a Media Source command, issue a Media Type command set to Unspecified.
PJL COMMENT Command
@PJL COMMENT OID_ATT_DEFAULT_MEDIUM_COLOUR "*string*";
Where *string* is one of the following:

Formatting Comment Commands

COLLATION
This attribute controls the collation status of the output. COLLATE results in sets of pages, for example two copies of a 3-page job results in pages 1 through 3 printed, then pages 1 through 3 printed again. NO_PAGE COLLATE results in page 1 printing twice, page 2 printing twice and page 3 printing twice.
PJL COMMENT Command
@PJL COMMENT OID_ATT_OUTPUT *string*;
Where *string* is one of the following: OID_VAL_OUTPUT_PAGE_COLLATE OID_VAL_OUTPUT_NO_PAGE_COLLATE

FEED EDGE
The values indicate the feed edge to use.
PJL COMMENT Command
@PJL COMMENT OID_ATT_FEED_EDGE *string*;
Where *string* is: OID_VAL_FEED_EDGE_SHORT_LEADING OID_VAL_FEED_EDGE_SHORT_TRAILING

SIMPLEX / DUPLEX PRINTING				
This command specifies if a job is to print on one side or both sides of the sheet. Choose one of the methods below for indicating this feature. Short edge bind (*Duplex Tumble ON)* = Duplex so that when page is rotated about the short edge, second side image is right side up. Long edge bind (*Duplex Tumble OFF*) = Duplex so that when page is rotated about the long edge, second side image is right side up.				
PJL COMMENT Command	**PJL SET**	**PCL Cmd**		**PS Cmd**
@PJL COMMENT OID_ATT_PLEX OID_VAL_PLEX_*string*;	@PJL SET DUPLEX= *string*	PCL5 <esc> &l*int*S	PCL6 DuplexPageMode (53)	<</Duplex true /Tumble *string* >> setpagedevice
Where *string* is: SIMPLEX DUPLEX	Where *string* is: ON OFF	Where *int* is: 0 = Simplex 1 = Duplex Long Edge Binding 2 = Duplex Short Edge Binding		Where *string* is: true false

Finishing Comment Commands

OFFSET	
This feature provides a physical offset of hard copy that distinguishes between sets or stacks within a job.	
PJL SET Command	**PS Command**
@PJL SET JOBOFFSET=*string*	<</Jog *int*>> setpagedevice
Where *string* is: ON OFF	Where *int* is: 0 = no offset 3 = offset each set

OUTPUT LOCATION
Indicates the output bin where the print job is sent.
PJL COMMENT Command
@PJL COMMENT OID_ATT_OUTPUT_BINS OID_VAL_OUTPUT_BIN_*string*;
Where *string* is: TOP   For devices with High Capacity Stacker Stapler, Advanced Finisher or Professional Finisher. SIDE   For devices with no finisher installed.

STAPLE			
This command indicates use and location of staple(s). Not all finishers support all the staple options listed. Choose one of the following methods to indicate this feature.			
PJL COMMENT Command	**PJL SET Command**	**PCL Cmd**	**PS Ccommand**
@PJL COMMENT XRXSTAPLE=*string*;	@PJL SET STAPLEOPTION=*string*	N/A	<</Staple *int*>> setpagedevice /StapleDetails<</Type 1 /StapleLocation("*string*")>>
Where *string* is: PORTRAIT LANDSCAPE	Where *string* is: NONE ONE	N/A	Where *int* is: 0 = No Staple 3 = Staple at end of set Where *string* is: SinglePortrait SingleLandscape Dual Landscape Multiple
The following commands indicate use of a multiple staples (4).			
@PJL COMMENT OID_ATT_FINISHING OID_VAL_FINISHING_STAPLE_MULTIPLE;			

HOLE PUNCH	
This command indicates hole punches for a print job on a device with hole punch capability.	
PJL COMMENT Command	**PS Command**
@PJL COMMENT OID_ATT_PUNCH *int*;	<</Punch *int1*/PunchDetails <</Type 6 /NumHoles *int2*>>>>setpagedevice
For the black & white products that support the hole punch option: Where *int* is: 0 for No Hole Punch 1 for 3 Hole Punch For the color products that support the hole punch option: Where *int* is: 2 for 2 Hole Punch 4 for 4 Hole Punch	Where *int1* is: 0 for No Punch 4 for Punch For the black & white products that support the hole punch option: *int2* is: 0 for No Punch 1 for 3 Hole Punch For the color products that support the hole punch option: *int2* is: 2 for 2 Hole Punch 3 for 3 Hole Punch 4 for 4 Hole Punch

BOOKLET FOLD
This command indicates to fold the print job if the Professional Finisher is installed. The short edge feed command is also required to use the booklet fold command.
PJL COMMENT Command
@PJL COMMENT OID_ATT_FINISHING OID_VAL_FINISHING_BOOKLET; @PJL COMMENT OID_ATT_FEED_EDGE OID_VAL_FEED_EDGE_SHORT_TRAILING;
The WorkCentre must have a Professional Finisher with a booklet folder unit installed. Not all WorkCentres support this option.

BOOKLET STAPLE
This command indicates staples for folded print jobs. Use with booklet fold commands above.
PJL COMMENT Command
@PJL COMMENT OID_ATT_BOOKLET OID_VAL_BOOKLET_*string*;
Where *string* is: STAPLE NOSTAPLE
The WorkCentre must have a Professional Finisher with a booklet folder unit installed. Not all WorkCentres support this option.

Image Quality

RESOLUTION	
This command sets the resolution value.	

PJL COMMENT Command	PS Command
@PJL SET RESOLUTION=*int*	<</DeviceRenderingInfo << /Type 4 /ValuesPerColorComponent 2 >> >> setpagedevice <</HWResolution [*int int*] >> setpagedevice
Where *int* is: 200 400 600	600 600 1200 1200 – WC4150

Toner Saver		
Use this command to control toner consumption when printing.		

PJL COMMENT Command	PJL SET	PS Command
@PJL COMMENT OID_ATT_PRINT_QUALITY OID_VAL_PRINT_QUALITY_*string*;	@PJL SET ECONOMODE =*string*	<< /PostRenderingEnhance boolean (true/false) /PostRenderingEnhanceDetails << /Type 33 /DensityControl *int1* /TonerSaver *int2* >> >> setpagedevice
Where *string* is: NORMAL DRAFT	Where *string* is: ON OFF	Where *int1* is: 0 = off 1 = on Where *int2* is: -3 – light -2 -1 0 1 2 3 – Dark **Note**: It is necessary to send DensityControl and TonerSaver in the same command.

COLOR MODE
Use this command to adjust the delivery of color rendering.

PJL COMMENT Command
@PJL COMMENT OID_ATT_COLOR_MODE OID_VAL_COLOR_MODE_*string*;
Where *string* is: AUTOMATIC BLACK_WHITE NONE SRGB_DISPLAY FAX_FRIENDLY

Print Job Accounting

NETWORK ACCOUNTING
This accounting command sends User ID and Account ID data with a job for job-based accounting purposes. User ID and Account ID are each up to 32 characters long.
PJL COMMENT Command
@PJL COMMENT OID_ATT_ACCOUNTING_INFORMATION_AVP "XRX_USERID,*U1*";   @PJL COMMENT OID_ATT_ACCOUNTING_INFORMATION_AVP "XRX_ACCTID,*A1*";
Where *U1* and *A1* are valid USERID and ACCTID identifiers for the accounting system.

XEROX STANDARD ACCOUNTING
This PJL command sends the users pin number for use by devices that support the Xerox Standard Accounting (XSA) or Internal Auditron. You must provide at least a valid USERID. You may also provide a GENERAL Account number or GROUP Account number if required.
PJL COMMENT Cmd
@PJL COMMENT OID_ATT_ACCOUNTING_INFORMATION_AVP "XRX_USERID,*xxxx*";   @PJL COMMENT OID_ATT_ACCOUNTING_INFORMATION_AVP "XRX_GENERALACCT,*yyyy*";   @PJL COMMENT OID_ATT_ACCOUNTING_INFORMATION_AVP "XRX_GROUPACCT,*zzzz*";
Where *xxxx* is a valid USER Pin number.   Where *yyyy* is a valid GENERAL Account number.   Where *zzzz* is a valid GROUP Account number.

Covers

FRONT COVER ONLY
This command specifies a job has a front (only) cover sheet and whether the cover sheet is imaged (TRUE) or blank (FALSE).
PJL COMMENT Command
@PJL COMMENT OID_ATT_FIRST_PAGE_IMAGED "S*tring*";
Where *string* is: TRUE   FALSE

FRONT COVER ONLY MEDIA COLOR
This command indicates the first page of a job is to print on media of a specified color. Requires that OID_ATT_FIRST_PAGE_IMAGED is also used.
PJL COMMENT Command
@PJL COMMENT OID_ATT_FIRST_PAGE_MEDIA_COLOR "*string*";
Where *string* is one of the following. Entries are case sensitive.
White, Yellow, Green, Buff, Red, Ivory, Gray, Clear, Pink, Goldenrod, Orange, Unspecified, Blue, Other, Custom1, Custom2, Custom3, Custom4, Custom5, Custom6, Custom7

FRONT COVER ONLY MEDIA SIZE
This command indicates the first page of a job is to print on media of a specified size. Requires that OID_ATT_FIRST_PAGE_IMAGED is also used.
PJL COMMENT Command
@PJL COMMENT OID_ATT_FIRST_PAGE_MEDIA_SIZE "*mm mm*";
Where *mm mm* is one of the metric sizes listed in the **MEDIA SIZE** table.

FRONT COVER ONLY MEDIA TYPE
This command indicates the first page of a job is to print on media of a specified type. Requires that OID_ATT_FIRST_PAGE_IMAGED is also used.
PJL COMMENT Command
@PJL COMMENT OID_ATT_FIRST_PAGE_MEDIA_TYPE "*string*";
Where *string* is one of the following. Entries are case sensitive.
Standard, Transparency, Labels, Drilled, Recycled, Preprinted, Envelopes, Cardstock, HeavyWeight2, Bond, Lightweight, LightCardStock, LightCardStock2, LightGlossy, LightGlossy2, HeavyGlossy, HeavyGlossy2, Tabs, Letterhead, Custom1, Custom2, Custom3, Custom4, Custom5, Custom6, Custom7, Unspecified, Other, System-DefaultD

FRONT AND BACK COVER
This command indicates the first and last pages of a job are covers. Do not use this command in conjunction with the FIRST_PAGE_IMAGED.
PJL COMMENT Command
@PJL COMMENT OID_ATT_FIRSTLAST_PAGE_IMAGED "**S***tring";*
Where *string* is: TRUE FALSE

FRONT AND BACK COVER MEDIA COLOR
This command indicates the first and last page of a job is to print on media of a specified color. Requires that OID_ATT_FIRSTLAST_PAGE_IMAGED is also used.
PJL COMMENT Command
@PJL COMMENT OID_ATT_FIRSTLAST_PAGE_MEDIA_COLOR "*string*";
Where *string* is one of the following. Entries are case sensitive.
White, Yellow, Green, Buff, Red, Ivory, Gray, Clear, Pink, Goldenrod, Orange, Unspecified, Blue, Other, Custom1, Custom2, Custom3, Custom4, Custom5, Custom6, Custom7

FRONT AND BACK COVER MEDIA SIZE
Overrides the document's media size for the first and last sheet. Requires OID_ATT_FIRSTLAST_PAGE_IMAGED to be used also.
PJL COMMENT Command
@PJL COMMENT OID_ATT_FIRSTLAST_PAGE_MEDIA_SIZE "*mm mm*";
Where *mm mm* is one of the metric sizes listed in the **MEDIA SIZE** table.

FRONT AND BACK COVER MEDIA TYPE
Overrides the document's media type for the first and last sheet. Requires OID_ATT_FIRSTLAST_PAGE_IMAGED to be used also.
PJL COMMENT Command
@PJL COMMENT OID_ATT_FIRSTLAST_PAGE_MEDIA_TYPE "***string***";
Where ***string*** is one of the following. Entries are case sensitive.
Standard, Transparency, Labels, Drilled, Recycled, Preprinted, Envelopes, Cardstock, HeavyWeight2, Bond, Lightweight, LightCardStock, LightCardStock2, LightGlossy, LightGlossy2, HeavyGlossy, HeavyGlossy2, Tabs, Letterhead, Custom1, Custom2, Custom3, Custom4, Custom5, Custom6, Custom7, Unspecified, Other, System-Default.

INTERLEAVE
This command identifies the type of page to insert between sets.
PJL COMMENT Command
@PJL COMMENT OID_ATT_INTERLEAVE OID_VAL_INTERLEAVE_***string***;
Where ***string*** is one of the following: NONE BLANK IMAGED

INTERLEAVE MEDIA COLOR
This command identifies the color of the interleaved pages.
PJL COMMENT Command
@PJL COMMENT OID_ATT_INTERLEAVE_COLOR "***string***";
Where *string* is one of the following. Entries are case sensitive.
White, Yellow, Green, Buff, Red, Ivory, Gray, Clear, Pink, Goldenrod, Orange, Unspecified, Blue, Other, Custom1, Custom2, Custom3, Custom4, Custom5, Custom6, Custom7

PJL/PCL Dependencies/Caveats

- Locate all PJL commands in the first 64KB of the job.

- To combine printer escape commands (not including PJL commands):
  - ➢ The first two characters after the <esc> MUST be the same.
  - ➢ All alpha characters MUST be lowercase, except the final terminating character.
  - ➢ The commands are read left to right. Combine them in the order you wish them executed. For example, print 5 copies (<ESC>&l5X) and use letter size (<ESC>&l2A) is combined as: <ESC>&l5x2A

- In case of duplicate commands, the last one requested takes precedence.

- The @PJL SET COPIES takes precedence over the PCL Escape Command (<**ESC**> & l *int* X>) to determine number of copies. In general, a PJL command takes precedence over a PCL command.

- When printing a job with an odd number of pages and duplex front and back imaged covers, the printer always prints on both sides of the front and back covers. The remaining pages are printed on the document body media type and color with a blank page inserted to allow an image on both sides of the back cover.

- When using the Blank Front or the Blank Front & Back Cover command, the Cover Media Size command is optional. If the cover size command is not in the PDL, the printer assumes the cover media size is the same as the document body.

- Use one of the following methods to specify media selection:

  ➢ Describe the media attributes with size, color, and type and allow the device to select the matching source tray. If the media description method is used, leave source tray selection out of the request or set to Auto. If not, the tray selection defeats the auto tray selection capabilities of the device.

  ➢ Indicate the tray to supply media. If the source tray method is used, the system automatically defaults paper type to the defined SYSTEM DEFAULT unless specified otherwise. This prevents inadvertent use of special paper types. To override, include a paper type specification of UNSPECIFIED in the job.

PS Dependencies/Caveats

- WorkCentres support PostScript resolutions up to and including 1800 x 1800. Some PostScript jobs may not print if the high resolution is indicated. If this occurs, print the same job at a lower resolution.

- The following media sizes do not print duplex and do not support staple commands: A6, B6, 5 x 7" Postcard (4.5 x 6"), envelopes and any custom sized media where the page width is less than 5.5". A request to duplex or staple these media sizes is ignored.

- Jobs that indicate Transparencies, Labels, Envelopes or Tab-Stock do not support duplex commands. The duplex print request is ignored when any of these media types are used.

- When printing an odd number of pages in a document with duplex front and back imaged covers, the printer always prints on both sides of the front and back covers. The remaining pages print on the document body media type and color with a blank page inserted to allow an image on both sides of the back cover.

- When using the Blank Front or the Blank Front and Back Cover command, the Cover Media Size command is optional. If the Cover Media Size command is not in the PDL, the printer assumes the cover media size as that of the document body.

- Use one of the following methods to specify media selection:

  ➢ Describing the media attributes with size, color, and type and allowing the device to select the matching source tray. If the media description method is used, leave source tray selection out of the request or specifically set to Auto. Otherwise, the tray selection defeats the auto tray selection capabilities of the device.

  ➢ Specifically indicate the tray to feed from. If the source tray method is used, the system automatically defaults paper type to the defined SYSTEM DEFAULT unless specified otherwise. This occurs to prevent inadvertent use of special paper types. To override, include a paper type specification of UNSPECIFIED in the job.

Examples

Basic PCL/PJL Template

This section illustrates a standard PCL template that is used to access general print features as well as Document Centre product specific features. This template lists each feature and the syntax, both PCL commands and PJL, required to use these features. The next section of this document contains other examples of how to use these commands.

Section 1 (Opening Command, Required for all files)
<ESC>%-12345X@PJL JOB

Section 2 (PJL Set Commands)
@PJL SET RESOLUTION=600

@PJL SET COPIES=1

@PJL SET DENSITY=4

@PJL SET JOBOFFSET=ON

Section 3 (XRXbegin – Opening Comment Statement, Required)
@PJL COMMENT XRXbegin

Section 4 (PJL Comments)
@PJL COMMENT OID_ATT_JOB_NAME "Readme.txt";

@PJL COMMENT OID_ATT_START_SHEET OID_VAL_JOB_SHEET_NONE;

@PJL COMMENT OID_ATT_JOB_OWNER "John Smith";

@PJL COMMENT OID_ATT_JOB_TYPE OID_VAL_JOB_TYPE_PRINT;

@PJL COMMENT OID_ATT_DEFAULT_MEDIUM_TYPE "Cardstock";

@PJL COMMENT OID_ATT_DEFAULT_MEDIUM_COLOUR "Green";

@PJL COMMENT OID_ATT_PRINT_QUALITY OID_VAL_PRINT_QUALITY_DRAFT;

@PJL COMMENT OID_ATT_FINISHING OID_VAL_FINISHING_STAPLE;

@PJL COMMENT XRXSTAPLE=PORTRAIT;

"6.15.0.128.95.124.157.20.0.1.11.4";

Section 5 (XRXend - Closing Statement for Comment Section, Required)
@PJL COMMENT XRXend

Section 6 (PCL Code used to invoke PCL Language)
@PJL ENTER LANGUAGE=PCL

Section 7 (PCL Data Stream or ASCII Document inserted here for Options such as Selecting Different Fonts, Simplex, Duplex, etc.)
[Document or Text to print inserted here]

_%1BINWU0PW0,0PW0,1UL1,60,40UL2,12.5,12.5,12.5,12.5,12.5,12.5,12.5,12.5UL3,40
,25,10,25UL4,35,15,10,15,10,15LT0,10,1LTLA1,4,2,1SP1TR0CF2_%1A_&l1X_&l1S_&l0
H_&l0o6a4d1E_*t600R_*v1onT_*rF_*c7181x4609Y_*p162x555Y_*cT_*pxY_%1BIP0,0,1
016,1016SC0,600,0,600;_%1A_*v1O_*v1T_%0BFT10,0;_%0A_*p544x855Y_*c2160a32
00b1P_(19U_(s4099t0b0s20.00h0P_*vT_%0BFT;_%0A_*p544x883Y

Section 8 (Closing Command, Required at end of Document)
<ESC>%-12345X

Sample PCL Headers

Example 1 Header for Simple Print

<ESC>%-12345X@PJL JOB

@PJL SET COPIES= 1

@PJL COMMENT XRXbegin

@PJL COMMENT OID_ATT_JOB_OWNER "John Smith";

@PJL COMMENT OID_ATT_JOB_NAME "Print Job";

@PJL COMMENT XRXend

[Insert document or text to be printed here]

<ESC>%-12345X

Example 2 Header for Proof Print

<ESC>%-12345X@PJL JOB

@PJL SET COPIES= 6

@PJL COMMENT XRXbegin

@PJL COMMENT OID_ATT_JOB_TYPE OID_VAL_JOB_TYPE_ PROOF_PRINT

@PJL COMMENT XRXend

[Insert document or text to print here]

<ESC>%-12345X

Example 3 Header for Finishing Options

<ESC>%-12345X@PJL JOB

@PJL COMMENT XRXbegin

@PJL COMMENT OID_ATT_JOB_OWNER "John Smith"

@PJL COMMENT OID_ATT_JOB_TYPE OID_VAL_JOB_TYPE_PROOF_PRINT;

@PJL COMMENT OID_ATT_FINISHING OID_VAL_FINISHING_STAPLE;

@PJL COMMENT XRXSTAPLE=PORTRAIT;

@PJL COMMENT XRXend

<ESC>\027&12G

[Insert document or text to print here]

<ESC>%-12345X

Basic PostScript/DSC Template

This section illustrates a standard PostScript template that is used to access general print features as well as Document Centre product specific features. This template lists each feature and the syntax, both Postscript commands and DSC (Document Structuring Conventions) required to use these features.

Section 1 (Adobe Reference Command)
%!PS

Section 2 (XRXbegin - Opening Comment Statement, Required)
%% XRXbegin

Section 3 (OID Commands)
%%OID_ATT_JOB_OWNER "John Smith";

%%OID_ATT_JOB_TYPE OID_VAL_JOB_TYPE_PRINT;

%%OID_ATT_START_SHEET OID_VAL_JOB_SHEET_NONE;

%%OID_ATT_JOB_NAME "Readme.txt";

%%OID_ATT_PRINT_QUALITY OID_VAL_PRINT_QUALITY_DRAFT;

Section 4 (XRXend - Closing statement for Comment Section, Required)
%% XRXend

Section 5 (Options Such as Selecting Different Fonts, Simplex, Duplex, etc.)
<< /PostRenderingEnhance false >> setpagedevice

    << /Staple 0 >> setpagedevice

    << /Jog 0 >> setpagedevice

    << /ManualFeed false >> setpagedevice

    << /MediaType (Drilled) >> setpagedevice

    << /MediaColor (Ivory) >> setpagedevice

<< /DeviceRenderingInfo << /Type 4 /ValuesPerColorComponent 2 >>

    /HWResolution [1200 1200] >> setpagedevice

   << /PageSize [792 1224] /ImagingBBox null >> setpagedevice

    << /Duplex true /Tumble false >> setpagedevice

    << /Collate false >> setpagedevice

Section 6 (Postscript Data Stream Inserted Here)
[Postscript]

Section 7 (EOF - Closing Statement for PostScript File, Required)
%%EOF

Note:
The print job specifies the following items:
- Job owner
- Job name
- 11 x 17 paper size
- Drilled
- Ivory paper
- 1200 x 1200 resolution
- Staple off
- Landscape
- Sample set
- Draft mode
- Offset off
- Banner sheet off
- Duplex long edge
- One copy

The quotations in the Job Name and Job Owner lines are required.

Example 1 Header for Simple Print

%!PS

%%XRXbegin

%%OID_ATT_JOB_OWNER "John Smith"

%%OID_ATT_JOB_NAME "Print Job"

%%OID_ATT_COPY_COUNT 1

%%XRXend

Example 2 Header for Proof Print

%!PS

%%XRXbegin

%%OID_ATT_JOB_TYPE OID_VAL_JOB_TYPE_PROOF_PRINT

%%OID_ATT_COPY_COUNT 6

%%XRXend

Example 3 Header for Finishing Options

%!PS

%%XRXbegin

%%OID_ATT_JOB_OWNER "John Smith"

%%XRXend

<</PageSize [612 792]>>setpagedevice

<</OutputType (MainTray)>>setpagedevice

<</Staple 3>>setpagedevice

<</Duplex true /Tumble false>> setpagedevice

<</PostRenderingEnhance true>>setpagedevice

<</Collate true>>setpagedevice

<</NumCopies 10>>setpagedevice

PostScript Fonts

The following PostScript fonts are resident on the WorkCentre device which has a PostScript interpreter.

Font Name	PostScript Font Name
Albertus	/AlbertusMT
Albertus Italic	/AlbertusMT-Italic
Albertus Light	/AlbertusMT-Light
Antique Olive Bold	/AntiqueOlive-Bold
Antique Olive Compact	/AntiqueOlive-Compact
Antique Olive Italic	/AntiqueOlive-Italic
Antique Olive Roman	/AntiqueOlive-Roman
Apple Chancery	/Apple-Chancery
Arial Bold Italic	/Arial-BoldItalicMT
Arial Bold	/Arial-BoldMT
Arial Italic	/Arial-ItalicMT
Arial	/ArialMT
ITC Avant Garde Gothic Book	/AvantGarde-Book
ITC Avant Garde Gothic Book Oblique	/AvantGarde-BookOblique
ITC Avant Garde Gothic Demi	/AvantGarde-Demi
ITC Avant Garde Gothic Demi Oblique	/AvantGarde-DemiOblique
Bodoni Roman	/Bodoni
Bodoni Bold	/Bodoni-Bold
Bodoni Bold Italic	/Bodoni-BoldItalic
Bodoni Italic	/Bodoni-Italic
Bodoni Poster	/Bodoni-Poster
Bodoni Poster Compressed	/Bodoni-PosterCompressed
ITC Bookman Demi	/Bookman-Demi
ITC Bookman Demi Italic	/Bookman-DemiItalic
ITC Bookman Light	/Bookman-Light
ITC Bookman Light Italic	/Bookman-LightItalic
Candid	/Candid
Chicago	/Chicago
Clarendon Roman	/Clarendon
Clarendon Bold	/Clarendon-Bold
Clarendon Light	/Clarendon-Light
Clarendon CE	/ClarendonCE
Clarendon CE Bold	/ClarendonCE-Bold
Clarendon CE Light	/ClarendonCE-Light
Cooper Black	/CooperBlack
Cooper Black Italic	/CooperBlack-Italic
Copperplate Gothic 33BC	/Copperplate-ThirtyThreeBC
Copperplate Gothic 32BC	/Copperplate-ThirtyTwoBC
Coronet	/Coronet-Regular
Coronet CE	/CoronetCE-Regular
Courier	/Courier
Courier Bold	/Courier-Bold
Courier Bold Oblique	/Courier-BoldOblique
Courier Oblique	/Courier-Oblique
Courier CE	/CourierCE
Courier CE Bold	/CourierCE-Bold
Courier CE Bold Oblique	/CourierCE-BoldOblique
Courier CE Oblique	/CourierCE-Oblique
Eurostile Medium	/Eurostile
Eurostile Bold	/Eurostile-Bold

Font Name	PostScript Font Name
Eurostile Bold Extended 2	/Eurostile-BoldExtendedTwo
Eurostile Extended 2	/Eurostile-ExtendedTwo
Eurostile CE	/EurostileCE
Eurostile CE Bold	/EurostileCE-Bold
Eurostile CE Bold Extended 2	/EurostileCE-BoldExtendedTwo
Eurostile CE Extended 2	/EurostileCE-ExtendedTwo
Geneva	/Geneva
Geneva CE	/GenevaCE
Gill Sans	/GillSans
Gill Sans Bold	/GillSans-Bold
Gill Sans Condensed Bold	/GillSans-BoldCondensed
Gill Sans Bold Italic	/GillSans-BoldItalic
Gill Sans Condensed	/GillSans-Condensed
Gill Sans Extra Bold	/GillSans-ExtraBold
Gill Sans Italic	/GillSans-Italic
Gill Sans Light	/GillSans-Light
Gill Sans Light Italic	/GillSans-LightItalic
Gill Sans CE Bold	/GillSansCE-Bold
Gill Sans CE Condensed Bold	/GillSansCE-BoldCondensed
Gill Sans CE Bold Italic	/GillSansCE-BoldItalic
Gill Sans CE Condensed	/GillSansCE-Condensed
Gill Sans CE Extra Bold	/GillSansCE-ExtraBold
Gill Sans CE Italic	/GillSansCE-Italic
Gill Sans CE Light	/GillSansCE-Light
Gill Sans CE Light Italic	/GillSansCE-LightItalic
Gill Sans CE Roman	/GillSansCE-Roman
Goudy Oldstyle	/Goudy
Goudy Bold	/Goudy-Bold
Goudy Bold Italic	/Goudy-BoldItalic
Goudy Extra Bold	/Goudy-ExtraBold
Goudy Oldstyle Italic	/Goudy-Italic
Helvetica	/Helvetica
Helvetica Bold	/Helvetica-Bold
Helvetica Bold Oblique	/Helvetica-BoldOblique
Helvetica Condensed	/Helvetica-Condensed
Helvetica Condensed Bold	/Helvetica-Condensed-Bold
Helvetica Condensed Bold Oblique	/Helvetica-Condensed-BoldObl
Helvetica Condensed Oblique	/Helvetica-Condensed-Oblique
Helvetica Narrow	/Helvetica-Narrow
Helvetica Narrow Bold	/Helvetica-Narrow-Bold
Helvetica Narrow Bold Oblique	/Helvetica-Narrow-BoldOblique
Helvetica Narrow Oblique	/Helvetica-Narrow-Oblique
Helvetica Oblique	/Helvetica-Oblique
Helvetica CE	/HelveticaCE
Helvetica CE Bold	/HelveticaCE-Bold
Helvetica CE Bold Oblique	/HelveticaCE-BoldOblique
Helvetica CE Condensed	/HelveticaCE-Condensed
Helvetica CE Condensed Bold	/HelveticaCE-Condensed-Bold
Helvetica CE Condensed Bold Oblique	/HelveticaCE-Condensed-BoldObl
Helvetica CE Condensed Oblique	/HelveticaCE-Condensed-Oblique
Helvetica CE Narrow	/HelveticaCE-Narrow
Helvetica CE Narrow Bold	/HelveticaCE-Narrow-Bold
Helvetica CE Narrow Bold Oblique	/HelveticaCE-Narrow-BoldOblique
Helvetica CE Narrow Oblique	/HelveticaCE-Narrow-Oblique
Helvetica CE Oblique	/HelveticaCE-Oblique

Font Name	PostScript Font Name
Hoefler Text Black	/HoeflerText-Black
Hoefler Text Black Italic	/HoeflerText-BlackItalic
Hoefler Text Italic	/HoeflerText-Italic
Hoefler Ornaments	/HoeflerText-Ornaments
Hoefler Text	/HoeflerText-Regular
Hoefler Text CE Black	/HoeflerTextCE -Black
Hoefler Text CE Black Italic	/HoeflerTextCE-BlackItalic
Hoefler Text CE Italic	/HoeflerTextCE-Italic
Hoefler CE Text	/HoeflerTextCE-Regular
Joanna	/JoannaMT
Joanna Bold	/JoannaMT-Bold
Joanna Bold Italic	/JoannaMT-BoldItalic
Joanna Italic	/JoannaMT-Italic
Joanna CE	/JoannaMTCE
Joanna CE Bold	/JoannaMTCE-Bold
Joanna CE Bold Italic	/JoannaMTCE-BoldItalic
Joanna CE Italic	/JoannaMTCE-Italic
Letter Gothic	/LetterGothic
Letter Gothic Bold	/LetterGothic-Bold
Letter Gothic Bold Slanted	/LetterGothic-BoldSlanted
Letter Gothic Slanted	/LetterGothic-Slanted
Letter Gothic CE	/LetterGothicCE
Letter Gothic CE Bold	/LetterGothicCE-Bold
Letter Gothic CE Bold Slanted	/LetterGothicCE-BoldSlanted
Letter Gothic CE Slanted	/LetterGothicCE-Slanted
ITC Lubalin Graph Book	/LubalinGraph-Book
ITC Lubalin Graph Book Oblique	/LubalinGraph-BookOblique
ITC Lubalin Graph Demi	/LubalinGraph-Demi
ITC Lubalin Graph Demi Oblique	/LubalinGraph-DemiOblique
ITC Lubalin Graph CE Book	/LubalinGraphCE-Book
ITC Lubalin Graph CE Book Oblique	/LubalinGraphCE-BookOblique
ITC Lubalin Graph CE Demi	/LubalinGraphCE-Demi
ITC Lubalin Graph CE Demi Oblique	/LubalinGraphCE-DemiOblique
Marigold	/Marigold
ITC Mona Lisa Recut	/MonaLisa-Recut
Monaco	/Monaco
Monaco CE	/MonacoCE
New Century Schoolbook Bold	/NewCenturySchlbk-Bold
New Century Schoolbook Bold Italic	/NewCenturySchlbk-BoldItalic
New Century Schoolbook Italic	/NewCenturySchlbk-Italic
New Century Schoolbook Roman	/NewCenturySchlbk-Roman
New Century Schoolbook CE Bold	/NewCenturySchlbkCE-Bold
New Century Schoolbook CE Bold Italic	/NewCenturySchlbkCE-BoldItalic
New Century Schoolbook CE Italic	/NewCenturySchlbkCE-Italic
New Century Schoolbook CE Roman	/NewCenturySchlbkCE-Roman
NewYork	/NewYork
NewYork CE	/NewYorkCE
Optima Roman	/Optima
Optima Bold	/Optima-Bold
Optima Bold Italic	/Optima-BoldItalic
Optima Italic	/Optima-Italic
Optima CE Bold	/OptimaCE-Bold
Optima CE Bold Italic	/OptimaCE-BoldItalic
Optima CE Italic	/OptimaCE-Italic
Optima CE Roman	/OptimaCE-Roman

Font Name	PostScript Font Name
Oxford	/Oxford
Palatino Bold	/Palatino-Bold
Palatino Bold Italic	/Palatino-BoldItalic
Palatino Italic	/Palatino-Italic
Palatino Roman	/Palatino-Roman
Palatino CE Bold	/PalatinoCE-Bold
Palatino CE Bold Italic	/PalatinoCE-BoldItalic
Palatino CE Italic	/PalatinoCE-Italic
Palatino CE Roman	/PalatinoCE-Roman
Stempel Garamond Bold	/StempelGaramond-Bold
Stempel Garamond Bold Italic	/StempelGaramond-BoldItalic
Stempel Garamond Italic	/StempelGaramond-Italic
Stempel Garamond Roman	/StempelGaramond-Roman
Stempel Garamond CE Bold	/StempelGaramondCE-Bold
Stempel Garamond CE Bold Italic	/StempelGaramondCE-BoldItalic
Stempel Garamond CE Italic	/StempelGaramondCE-Italic
Stempel Garamond CE Roman	/StempelGaramondCE-Roman
Symbol	/Symbol
Taffy	/Taffy
Times Bold	/Times-Bold
Times Bold Italic	/Times-BoldItalic
Times Italic	/Times-Italic
Times Roman	/Times-Roman
Times CE Bold	/TimesCE-Bold
Times CE Bold Italic	/TimesCE-BoldItalic
Times CE Italic	/TimesCE-Italic
Times CE Roman	/TimesCE-Roman
Times New Roman CE	/TimesNewRomanCE
Times New Roman CE Bold	/TimesNewRomanCE-Bold
Times New Roman CE Bold Italic	/TimesNewRomanCE-BoldItalic
Times New Roman CE Italic	/TimesNewRomanCE-Italic
Times New Roman PS Bold Italic	/TimesNewRomanPS-BoldItalicMT
Times New Roman PS Bold	/TimesNewRomanPS-BoldMT
Times New Roman PS Italic	/TimesNewRomanPS-ItalicMT
Times New Roman PS	/TimesNewRomanPSMT
Univers 55	/Univers
Univers 65 Bold	/Univers-Bold
Univers 63 Extended Bold	/Univers-BoldExt
Univers 63 Extended Bold Oblique	/Univers-BoldExtObl
Univers 65 Bold Oblique	/Univers-BoldOblique
Univers 57 Condensed	/Univers-Condensed
Univers 67 Condensed Bold	/Univers-CondensedBold
Univers 67 Condensed Bold Oblique	/Univers-CondensedBoldOblique
Univers 57 Condensed Oblique	/Univers-CondensedOblique
Univers 53 Extended	/Univers-Extended
Univers 53 Extended Oblique	/Univers-ExtendedObl
Univers 45 Light	/Univers-Light
Univers 45 Light Oblique	/Univers-LightOblique
Univers 55 Oblique	/Univers-Oblique
Univers CE 55	/UniversCE
Univers CE 65 Bold	/UniversCE-Bold
Univers CE 63 Extended Bold	/UniversCE-BoldExt
Univers CE 63 Extended Bold Oblique	/UniversCE-BoldExtObl
Univers CE 65 Bold Oblique	/UniversCE-BoldOblique
Univers CE 57 Condensed	/UniversCE-Condensed

Font Name	PostScript Font Name
Univers CE 67 Condensed Bold	/UniversCE-CondensedBold
Univers CE 67 Condensed Bold Oblique	/UniversCE-CondensedBoldOblique
Univers CE 57 Condensed Oblique	/UniversCE-CondensedOblique
Univers CE 53 Extended	/UniversCE-Extended
Univers CE 53 Extended Oblique	/UniversCE-ExtendedObl
Univers CE 45 Light	/UniversCE-Light
Univers CE 45 Light Oblique	/UniversCE-LightOblique
Univers CE 55 Oblique	/UniversCE-Oblique
Wingdings	/Wingdings-Regular
ITC Zapf Chancery Medium Italic	/ZapfChancery-MediumItalic
ITC Zapf Chancery CE Medium Italic	/ZapfChanceryCE-MediumItalic
ITC Zapf Dingbat	/ZapfDingbats

PCL Fonts

The following PCL fonts are resident on the device.

The commands in the table reference a 12-point or pitch font. If you wish to use any other point or pitch size, change the 12 to the desired size (Pitch Size .10 – 576; Point Size .25 – 999.75).

The commands listed use the default symbol set, Roman-8. To change the symbol set, include the alternate symbol set after the first (. Use the line printer examples as a reference.

Font Name	PCL Escape Command
Courier Lt SWC	<esc>(<esc>(s0p12h0s0b4099T
Courier Lt SWC Bold	<esc>(<esc>(s0p12h0s3b4099T
Courier Lt SWC Italic	<esc>(<esc>(s0p12h1s0b4099T
Courier Lt SWC Italic Bold	<esc>(<esc>(s0p12h1s3b4099T
Letter Gothic	<esc>(<esc>(s0p12h0s0b4102T
Letter Gothic Bold	<esc>(<esc>(s0p12h0s3b4102T
Letter Gothic Italic	<esc>(<esc>(s0p12h1s0b4102T
Flareserif 821 SWC	<esc>(<esc>(s1p12v0s1b4106T
Flareserif 821 SWC Extra Bold	<esc>(<esc>(s1p12v0s4b4106T
Dutch 801 SWC	<esc>(<esc>(s1p12v0s0b4101T
Dutch 801 SWC Bold	<esc>(<esc>(s1p12v0s3b4101T
Dutch 801 SWC Italic	<esc>(<esc>(s1p12v1s0b4101T
Dutch 801 SWC Italic Bold	<esc>(<esc>(s1p12v1s3b4101T
ZapfHumst Dm SWC	<esc>(<esc>(s1p12v0s0b4113T
ZapfHumst Dm SWC Bold	<esc>(<esc>(s1p12v0s3b4113T
ZapfHumst Dm SWC Italic	<esc>(<esc>(s1p12v1s0b4113T
ZapfHumst Dm SWC Italic Bold	<esc>(<esc>(s1p12v1s3b4113T
Ribbon 131 SWC Italic	<esc>(<esc>(s1p12v1s0b4116T
Clarendon SWC Condensed Bold	<esc>(<esc>(s1p12v4s3b4140T
Swiss 742 SWC	<esc>(<esc>(s1p12v0s0b4148T
Swiss 742 SWC Bold	<esc>(<esc>(s1p12v0s3b4148T
Swiss 742 SWC Italic	<esc>(<esc>(s1p12v1s0b4148T
Swiss 742 SWC Italic Bold	<esc>(<esc>(s1p12v1s3b4148T
Swiss 742 SWC Condensed	<esc>(<esc>(s1p12v4s0b4148T
Swiss 742 SWC Bold Condensed	<esc>(<esc>(s1p12v4s3b4148T
Swiss 742 SWC Italic Condensed	<esc>(<esc>(s1p12v5s0b4148T
Swiss 742 SWC Italic Bold Condensed	<esc>(<esc>(s1p12v5s3b4148T
Incised 901 SWC	<esc>(<esc>(s1p12v0s0b4168T
Incised 901 SWC Bold	<esc>(<esc>(s1p12v0s3b4168T
Incised 901 SWC Italic	<esc>(<esc>(s1p12v1s0b4168T
OrigGaramond SWC	<esc>(<esc>(s1p12v0s0b4197T

Font Name	PCL Escape Command
OrigGaramond SWC Bold	<esc>(<esc>(s1p12v0s3b4197T
OrigGaramond SWC Italic	<esc>(<esc>(s1p12v1s0b4197T
OrigGaramond SWC Italic Bold	<esc>(<esc>(s1p12v1s3b4197T
Audrey Two SWC	<esc>(<esc>(s1p12v0s0b4297T
Swiss SWM	<esc>(<esc>(s1p12v0s0b4314T
Swiss SWM Bold	<esc>(<esc>(s1p12v0s3b4314T
Swiss SWM Italic	<esc>(<esc>(s1p12v1s0b4314T
Swiss SWM Italic Bold	<esc>(<esc>(s1p12v1s3b4314T
Dutch SWM	<esc>(<esc>(s1p12v0s0b16901T
Dutch SWM Bold	<esc>(<esc>(s1p12v0s3b16901T
Dutch SWM Italic	<esc>(<esc>(s1p12v1s0b16901T
Dutch SWM Italic Bold	<esc>(<esc>(s1p12v1s3b16901T
Symbol Set SWM	<esc>(19M<esc>(s1p12v0s0b4142T
MoreWingbats SWC	<esc>(579L<esc>(s1p12v0s0b4266T
Line Printer (Roman-8)	<esc>(8U<esc>(s0p16.67h8.5v0s0b0T
Line Print (ECMA-94 Latin 1)	<esc>(0N<esc>(s0p16.67h8.5v0s0b0T
Line Printer (PC-8)	<esc>(10U<esc>(s0p16.67h8.5v0s0b0T
Line Printer (PC-8 D/N)	<esc>(11U<esc>(s0p16.67h8.5v0s0b0T
Line Printer (PC-8 50)	<esc>(12U<esc>(s0p16.67h8.5v0s0b0T
Line Printer (Legal)	<esc>(1U<esc>(s0p16.67h8.5v0s0b0T
Line Printer (ISO 8859/2 Latin 2)	<esc>(2N<esc>(s0p16.67h8.5v0s0b0T
Line Printer (ISO 8859/9 Latin 5)	<esc>(5N<esc>(s0p16.67h8.5v0s0b0T
Line Printer (8859/10 Latin 6)	<esc>(6N<esc>(s0p16.67h8.5v0s0b0T
Courier Miriam	<esc>(<esc>(s0p12h0s0b295T
Courier Miriam Bold	<esc>(<esc>(s0p12h0s3b295T
Swiss 742 Miriam	<esc>(<esc>(s1p12v0s0b5159T
Swiss 742 Miriam Bold	<esc>(<esc>(s1p12v0s3b5159T
Swiss 742 Miriam Italic	<esc>(<esc>(s1p12v1s0b5159T
Swiss 742 Miriam Italic Bold	<esc>(<esc>(s1p12v1s3b5159T
Dutch 801 David	<esc>(<esc>(s1p12v0s0b5415T
Dutch 801 David Bold	<esc>(<esc>(s1p12v0s3b5415T
Dutch 801 David Italic	<esc>(<esc>(s1p12v1s0b5415T
Dutch 801 David Italic Bold	<esc>(<esc>(s1p12v1s3b5415T
Dutch 801 Frank	<esc>(<esc>(s1p12v0s0b5671T
Dutch 801 Frank Bold	<esc>(<esc>(s1p12v0s3b5671T
Dutch 801 Frank Italic	<esc>(<esc>(s1p12v1s0b5671T
Dutch 801 Frank Italic Bold	<esc>(<esc>(s1p12v1s3b5671T

Additional Information

Xerox Customer Service welcomes feedback on all documentation - send feedback via e-mail to: USA.DSSC.Doc.Feedback@mc.usa.xerox.com.

You can reach Xerox Customer Support at 1-800-821-2797 (USA),
TTY 1-800-855-2880 or at http://www.xerox.com.

Other Tips about Xerox multifunction devices are available at the following URL:
http://www.office.xerox.com/support/dctips/dctips.html.

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