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LaserWriter 16/600 PS: Font & Paper Tray PCL Commands (5/96)

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TOPIC -----

What are the commands to change character pitch, font, and the paper tray on the LaserWriter 16/600 PS using the TCP/IP UNIX environment?

DISCUSSION -----

The commands for changing the character pitch, font, and paper tray are HP PCL commands that need to be embedded in the text document from the UNIX workstation. The following PostScript code when downloaded to the LaserWriter 16/600 PS or LaserWriter Select 360 prints out a few pages of examples that provide the HP PCL escape sequences to obtain those samples:

```
%=====
% Begin PostScript code
%
/LaserJetIII /ProcSet findresource
/FontReport get exec
%
% End PostScript code
%=====
```

Note:

Prior to downloading the HP PCL escape sequences, if the printer's interface (parallel, serial, or Ethernet) is set for PostScript then it must be put into PCL5 emulation by including the following PostScript at the beginning of the print job:

```
%=====
% Begin PostScript code
%
currentfile /LaserJetIII statusdict /emulate get exec
%
% End PostScript code
%=====
```

As provided in the example pages that will be printed, the font and pitch selections are changed with the following escape sequences:

Note:

<esc> is the escape character in all of the following sequences.

Begin_Table

PCL Commands	What the PCL Command Does
<esc>(s#T	typeface selection (# corresponds to 1 of 4 typefaces available)
<esc>(s1P	proportional spacing ON (Must be enabled for certain typefaces to be printed)
<esc>(s#H	pitch selection (# is usually 10 or 16.66 which is built-in)
For paper tray selection	
<esc>&l#h	to select a specific tray (1 = lowercase L, and # corresponds to a number below)
	0 - source current (default)
	1 - upper tray
	2 - manual feed
	3 - manual feed envelope
	4 - lower tray
	5 - middle tray
	6 - envelope feeder

End_Table

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