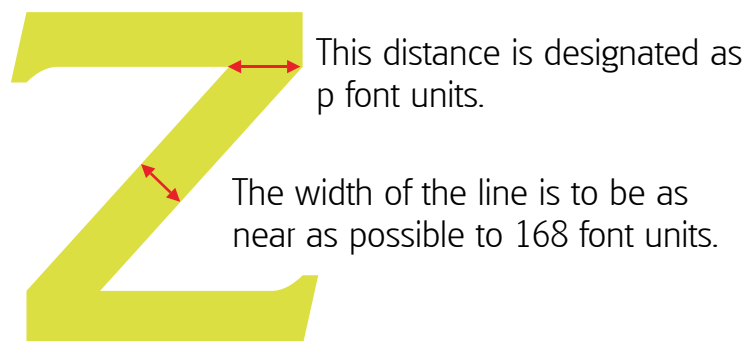


Chapter 9

The next stage in the production of this font is now to use FFAE0009.TTF "Font for an exhibition 0009" as the working font.

A design for a small v is now produced based upon a copy of the design for a small o. The design is mapped to character 118. At present there are no serifs on the design. Hopefully this will provide a distinctive difference from a small letter u, from which it would otherwise differ in design only by the lack of a vertical at the right side. It is a matter for consideration as to whether to add serifs, and if so of what shape to the design of the small v. Also, perhaps the design of the small v needs to be changed so as to be essentially two steep diagonal straight lines rather than be based upon the design of the small letter o.

A design for a small z is now produced. The design is mapped to character 122. This produces an interesting calculation. The horizontal bars of the z are easily set to 168 font units wide each. The desire is to make the diagonal also of width 168 font units, or as close to that as the whole number nature of the positioning of curve points permits. This is achieved by calculating a value for the distance designated as p in the following diagram. The diagram is produced by first producing a special font for the purpose once the design for the small letter z had been finalized.



The value of p chosen is 226 font units. So, the points are at 710, 856, being $936 - 226, 856$ and $314, 168$, being $88 + 226, 168$.

Serifs are added to the design for the small z, based on the design of existing serifs, though somewhat different as these serifs are onto a horizontal bar.

A capital T requires various decisions to be made. The height of the capital letters is, as decided earlier, to be 1536 font units. However, the width of lines and the width of the body of the letter needs to be considered. The design is mapped to character 84.

I decide to make the body width of most capital letters to be 1280 font units.

I am trying to have vertical lines of width 256 font units and horizontal lines of width 168 font units for the capitals. This may or may not be successful to the overall look of the font, yet I shall try it with a few letters and consider the matter in the light of tying the font. Serifs are added to the design for capital T, the two serifs on the horizontal bar similar to one of those on the small z, one flipped horizontally: the two serifs at the base of the vertical similar to those on the base of the vertical of a small h.

A capital F is designed. The design is mapped to character 70. The serifs are based on three of those used in the design for a capital T.

A full stop character is designed. The body width chosen is 344 font units, which is 256 plus 88 font units. The design is mapped to character 46. The design is somewhat unusual, yet I like the design and would like to try it out as the basic shape for the punctuation of this font. It can be changed if it is unsuccessful.

The font now contains all of the characters necessary to produce the following sentence which appears when the font is viewed using the font viewing program of a PC.

The quick brown fox jumps over the lazy dog.

Also, the font contains all of the characters for the name of the font, namely Font for an exhibition.

The following pages show the characters added in this chapter and various examples of the font in use.

Here are the letter characters added in this chapter.

U Z T F

Here are the letter characters added in this chapter in colour.

U Z T F

Here are the letter characters added in this chapter in another colour.

U Z T F

Here are examples of the full stop in the three colours used for the alphabetic characters.



Here is a full stop shown larger, with a small n, so as to show the shape.



The quick brown fox
jumps over the lazy
dog.

The quick brown fox
jumps over the lazy
dog.

The quick brown fox
jumps over the lazy
dog.

Font for an
exhibition.

Font for an
exhibition.

Font for an
exhibition.

Font

for

an

exhibition