

4.2 The Editor Commands.

4.2.1 Text Insertion.

Text may be inserted into the textfile either by typing a line number, a space and then the required text or by use of the 'I' command. Note that if you type a line number followed by RETURN (i.e. without any text) then that line will be deleted from the text if it exists. Whenever text is being entered then the control functions CX (delete to the beginning of the line), CI (up to the next tab position), CC (return to the command loop) and CP (toggle the printer) may be employed. The DELETE (or BACKSPACE) key will produce a destructive backspace (but not beyond the beginning of the text line). Text is entered into an internal buffer within HP47 and if this buffer should become full then you will be prevented from entering any more text - you must then use DELETE or CX to free space in the buffer.

Command: I n.m

Use of this command gains entry to the automatic insert mode: you are prompted with line numbers starting at n and incrementing in steps of m. You enter the required text after the displayed line number, using the various control codes if desired and terminating the text line with RETURN. To exit from this mode use the control function CC (see Section 0.0 and the relevant Implementation Note).

If you enter a line with a line number that already exists in the text then the existing line will be deleted and replaced with the new line, after you have pressed RETURN. If the automatic incrementing of the line number produces a line number greater than 32767 then the insert mode will exit automatically.

If, when typing in text, you get to the end of a screen line without having entered 120 characters (the buffer size) then the screen will be scrolled up and you may continue typing on the next line - an automatic indentation will be given to the text so that the line numbers are effectively separated from the text.

4.2.2 Text Listing.

Text may be inspected by use of the 'L' command: the number of lines displayed at any one time during the execution of this command is fixed initially (see your Implementation Note) but may be changed through use of the 'K' command.

Command: L n.m

This lists the current text to the display device from line number n to line number m inclusive. The default value for n is always 1 and the default value for m is always 32767 (i.e. default values are not taken from previously entered arguments). To list the entire textfile simply use 'L' without any arguments. Screen lines are formatted with a left hand margin so that the line numbers are clearly displayed. The number of screen lines listed on the display device may be controlled through use of the 'K' command - after listing a certain number of lines the list will stop (if not yet at line number m), hit control function CC to return to the main editor loop or any other key to continue the listing.