

IDENTIFICATION

Product Code: DEC-08-ESAB-DN

Product Name: Symbolic Editor Change Notice

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Maintenance

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(CDB)

SYMBOLIC EDITOR

CHANGE NOTICE

Major changes have been made in the PDP-8 Paper Tape Editor (DEC-08-ASAB) which affect the running and operation of this program. Actual program changes may be seen in the new program listing (DEC-08-ESAC-LA). Changes to the Symbolic Editor Programming Manual (DEC-08-ESAB-D) follow.

PAGE III; 9 lines from top

The text reads:

1.3.2 Back Arrow (+)

should read:

1.3.2 Erase (CTRL/U nonprinting)

Page 1-2; Section 1.3.2

should read:

1.3.2 Erase (CTRL/U nonprinting)

The erase character is used for error recoveries in both command and text modes. It is generated by pressing and holding the CTRL key while typing a U. When used in text mode, CTRL/U cancels everything to the left of itself back to the beginning of the line and the Editor echoes a carriage return/line feed (CR/LF). The user then continues typing on the next line. When used in command mode, CTRL/U cancels the entire command and the Editor issues a ? and a CR/LF. The erase character cannot cancel past a CR/LF in either command or text mode.

Page 1-3; line 4 from top

the example reads:

A ? (CR/LF)

THIS "HERE IS A TEXT MODE EXAMPLE" (CR/LF)

the example should read

A (CTRL/U)

?

THIS (CTRL/U)

"HERE IS A TEXT MODE EXAMPLE" (CR/LF)

Page 1-3; 10 lines from bottom

should read:

When used in command mode, rubout is equivalent to the CTRL/U and cancels the entire command.

Page 1-4; second paragraph should read:

After a READ or APPEND command the current line counter (.) is equal to the number of the last line entered. After an INSERT or CHANGE command, (.) is equal to the number of the last line entered. After a LIST or SEARCH command, (.) is the number of the last line listed. After a DELETE command, (.) is the number of line immediately after the deletion. After a KILL command, (.) is 0. After a GET command, (.) is the number of the line typed by the GET. After a MOVE the current line counter is not updated and remains whatever it was before the command.

Page 1-5; Section 1.3.13

In the first two sentences, change the word "ten" to "eight".

Page 1-5; 14 lines from bottom

should read:

necessary on output; blank tape and leader/trailer are not.

Page 1-6; starting at line 10 from the bottom.

- 1 Suppress list, punch or search operation. If at any time during execution of an output command this switch is set to one, output will cease, Editor will return immediately to command mode, (Note that if this occurs while a line is being searched any modifications to the line made during that search will be disregarded.) and (.) will be equal to the number of the line being printed or punched at that time. Until the switch is set to 0, any further output command will be ignored.

Page 2-1; 6 lines under "Input Commands"

the text reads:

combination) is detected.

Should read:

combination) is detected or until the Editor senses a text buffer full condition.

Page 2-2; 25 lines from top.

the text reads:

NOTE: In both of these commands, the Editor returns to the command mode only after the form feed character.

should read:

NOTE: In both of these commands, the Editor returns to command mode only after the detection of a form feed or when Editor senses a buffer full condition (see section 3.2c).

Page 2-4; starting 15 lines from top

insert:

NOTE: Output operations may be interrupted by setting bit 2 of the switch register. (See section 1.4.)

Page 2-4; line 18 from bottom

should read:

after the deleted line or lines. The Editor remains in command mode.

Page 2-5; under m,nC

Delete the third paragraph.

Page 2-6; paragraph 1 should read:

nG GET and list the next line which begins with a tag (starting the search with line n).

Page 2-6; line 6 from bottom

should read:

deletes the entire untyped portion of the line and terminates that line...

Page 2-6; paragraph 5a should read:

- a. Delete the entire typed portion of the line by typing CTRL/U (Erase).

Page 2-7; starting line 2, replace entire paragraph with:

S Search the entire text buffer in the same way as described for m,nS.

Page 3-3; paragraph C should read:

The Editor senses a buffer full condition (buffer capacity is approximately 60 lines of generously commented text or 340 lines uncommented) when, after completing input of a text line, it finds that characters have been packed in the last 128 locations in the text buffer. When this condition occurs, Editor rings the Teletype bell five times and exits to command mode.

The user then has a choice of deleting text and continuing editing as normal or attempting to input more text. The user will probably not be able to input more than 200 additional characters and, after each line, the buffer full alarm will precede a return to command mode. When no more characters can be packed, Editor will again ring five times and exit from the input routine. Any further attempts to input text will be answered in the same manner until deletions have been executed to make room for text input. Although characters may be received through the input device, they probably will not be appended as text.

Caution: If Editor runs out of buffer space while searching a line:

- a. the unsearched portion of the line may be lost.
- b. the text line counter may be incorrectly set during the "Buffer full" exit so that Editor thinks that there is one more line of text in the buffer than actually exists.

Occurrence of the latter will cause an error return after or during any output operation involving the last line, (for example a "NEXT" operation will be terminated as soon as the text buffer is punched out). After the error return the counter will contain the correct value and will cause no more trouble.

Users should note that all such problems may be avoided by logically segmenting a program on paper tape into "pages" of 50 to 60 lines. This is done by punching groups of 50 lines followed by a form feed character (see output commands).

Page A1-1; line 9

Text reads:

Back Arrow (+) Text mode...

should read:

Erase (CTRL/U) Text mode...

Page A1-3; line 8

text should read:

nG) Get and list the next line which begins with a tag
 (starting the search with line n).

Index: The reference to "back arrow" should be deleted and
a new reference to "CTRL/U" (referring to the same
pages) should be inserted.

