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 pro-
gram 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 set-
ting bit 2 of the switch register.   (See sec-
tion 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 capa-
city 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 continu-
ing 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 appen-
ded as text.

Caution: If Editor runs out of buffer space while search-
           ing 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.