
Subject: Fixes for LN03 procedure under VMS
Posted by [rivers](#) on Thu, 24 Jan 1991 04:33:15 GMT
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The LN03 procedure (which routes Tektronix output to a file so it can be sent to an LN03+ printer does not correctly work in PV-WAVE Version 3.x under VMS. The following changes will fix the problems.

```
;
;
; $Id: ln03.pro,v 1.1 90/01/23 16:43:18 wave Exp $
;
;
; This file was modified by Mark L. Rivers, to fix
; two bugs under VMS.
;
;
; The /NONE qualifier was added to the OPENW call to set the RMS
; carriagecontrol options to NONE.
;
;
; Also when closing the file the line:
;   device, /tek4014, plot_to = 0
; must come BEFORE the line
;   printf, OLUN, esc+'[?38l'
; so these two lines were switched. (otherwise the printer is taken out of
; Tektronix mode before the driver buffer is flushed.)
;
;
pro LN03, filename

; NAME:
;   LN03
; PURPOSE:
; Procedure to open or close an output file for LN03 graphics output.
; To open an output file for the LN03:
;   LN03, 'filename'
; where filename is the output file to be written.
; To close the output file, type:
;   LN03

common SAVE, OLUN, DEV
;
;
esc = string(27B)
NP = n_params (dummy)
;
if NP eq 1 then begin
  ckstr = size (filename)
  if ckstr(1) ne 7 then begin
    print, 'Parameter to LN03 must be a filename of type string.'
    return
  endif
```

```
endif
;
CLOSE = 0
if NP lt 1 then CLOSE = 1
;
if CLOSE eq 0 then begin
  DEV = !D
  get_lun, OLUN
  openw, OLUN, filename, /none
  set_plot, 'tek'
  device, /tek4014, plot_to = OLUN
  printf, OLUN, esc+'[?38h'
endif else begin
  device, /tek4014, plot_to = 0
  printf, OLUN, esc+'[?38l'
  free_lun, OLUN
  set_plot, DEV.NAME
endelse
;
return
end
```

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