



**GR33U2 Software Revision RMS1700-01-F -- Release Notes**

- 1) The "burst mode printing" active when the operating chart speed is either 1 mm/min or 5 mm/min, selected from the first-level item under the 'Chart Speed' menu entry, has been modified so as to buffer sets of 48 print cycles (equivalent to 6 mm of chart), instead of 16 print cycles (equivalent to 2 mm).
- 2) This revision of the firmware makes the GR33U2 fully Y2K-compliant: the date is now handled using 4 digits, covering the range ("window") from 1999 to 2098. (As previous firmware revisions already did, the firmware correctly handles the transition from 1999/12/31 to 2000/01/01, and correctly handles the year 2000 as a leap year.)
  - 2.1) The 'date' item under the 'Time/Date' menu entry is now formatted as YYYY/MM/DD, where the operator can select the last two digits of the year (00 - 99), and the first two digits take the value of '19' if the last two digits are set to '99', or '20' otherwise. (See Section 4.8.1 in Users Guide.)
  - 2.2) The date is now printed in the *system identification channel* using the format YYYY/MM/DD, instead of the previously used MM/DD/YY. (See Section 4.1 in Users Guide.)
  - 2.3) The date is now printed as part of the *parameter table* using the format YYYY/MM/DD, instead of the previously used MM/DD/YY. (See Section 4.8.11 in Users Guide.)
  - 2.4) The date field in *frame identification records* (FIRs) is now structured as YYYY/MM/DD, instead of the previously used MM/DD/YY. The 'reserved' field is reduced from 29 to 27 bytes to keep the total length of the FIR equal to 64 bytes. (See Section 4.5 in Users Guide.)
  - 2.5) Syntax for the SCKL command (69H -- Set Clock Long) remains unchanged. The first argument byte represents the last two digits for the year (in packed BCD format); the first two digits are implied (as in 2.1): '19' if the last two digits are set to '99', or '20' otherwise. (See Section 5.3.1 in Users Guide.)