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GeoSIG GMSplus Set RTC Time from Recorder Serial Console User Manual

Contents

GeoSIG GMSplus Set RTC Time from Recorder Serial Console

USER MANUAL

FAQ GMSplus Set RTC Time from Recorder Serial Console

1. Introduction

This procedure describes how to set the time of the GMSplus realtime clock (RTC) manually.
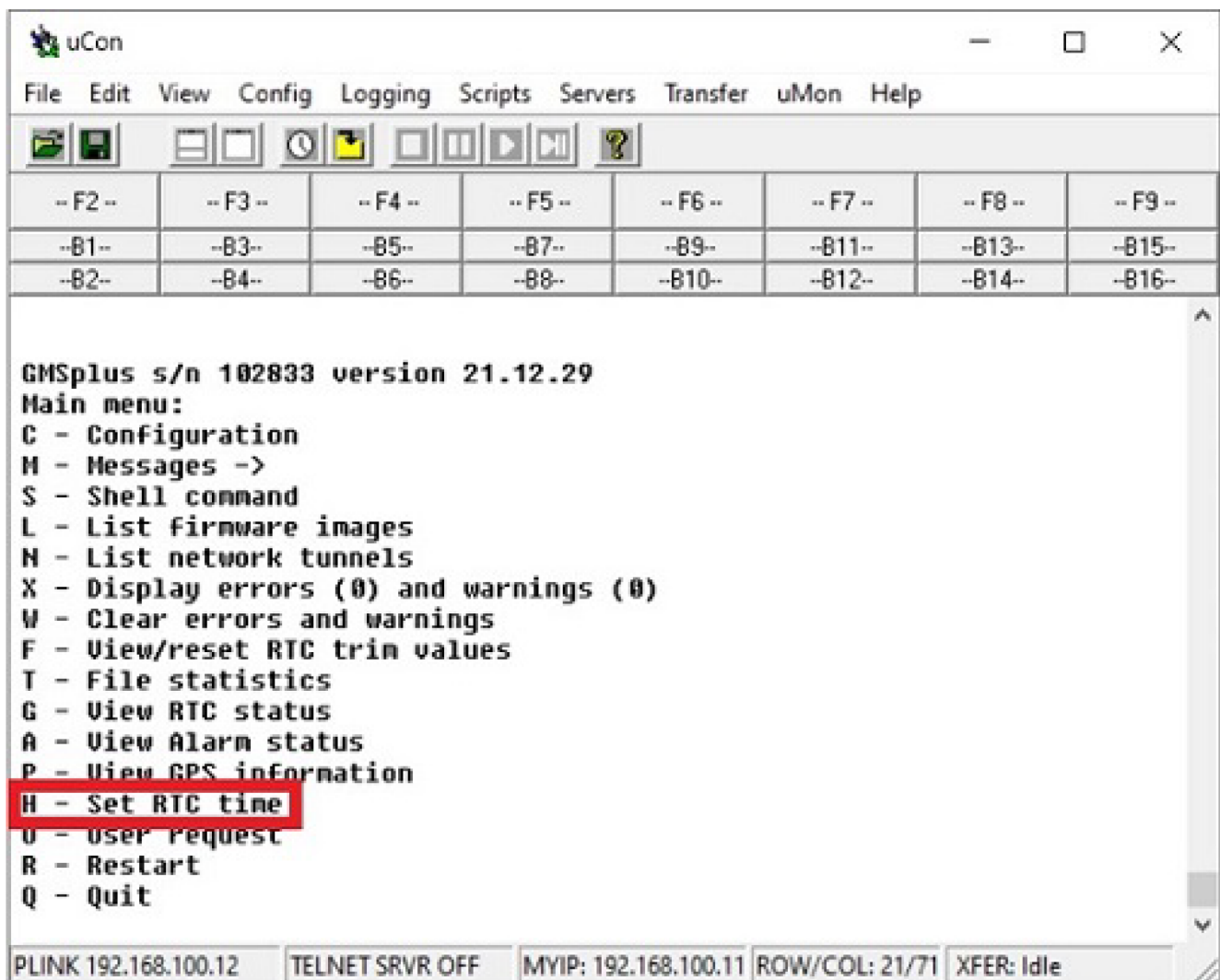
2. Required Tools

GMSplus
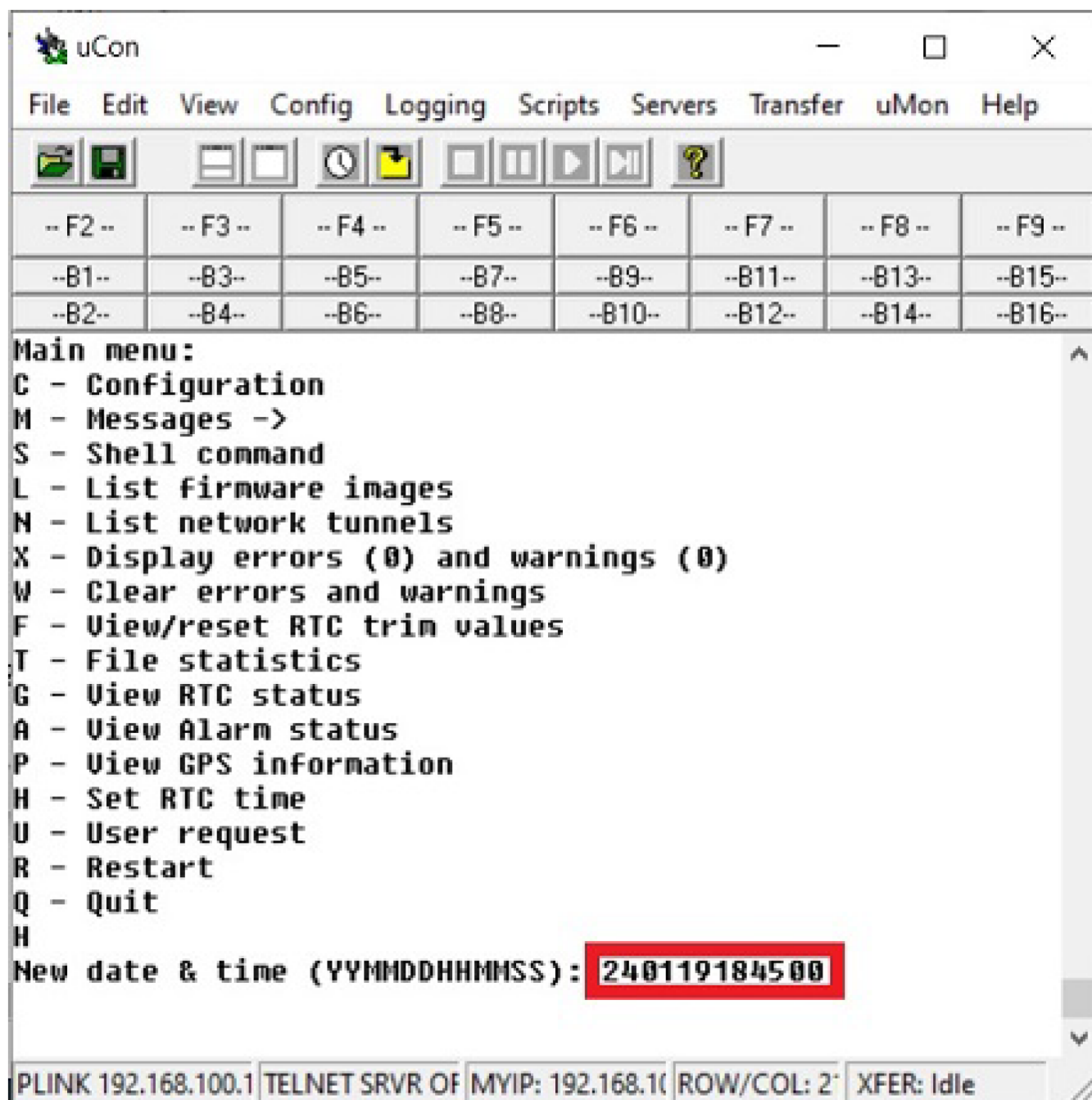Computer, connected to Recorder Serial Console with ucon
https://www.geosig.com/files/FAQ_GMSplus_How_to_Connect_Serial_Console_with_uCon.pdf
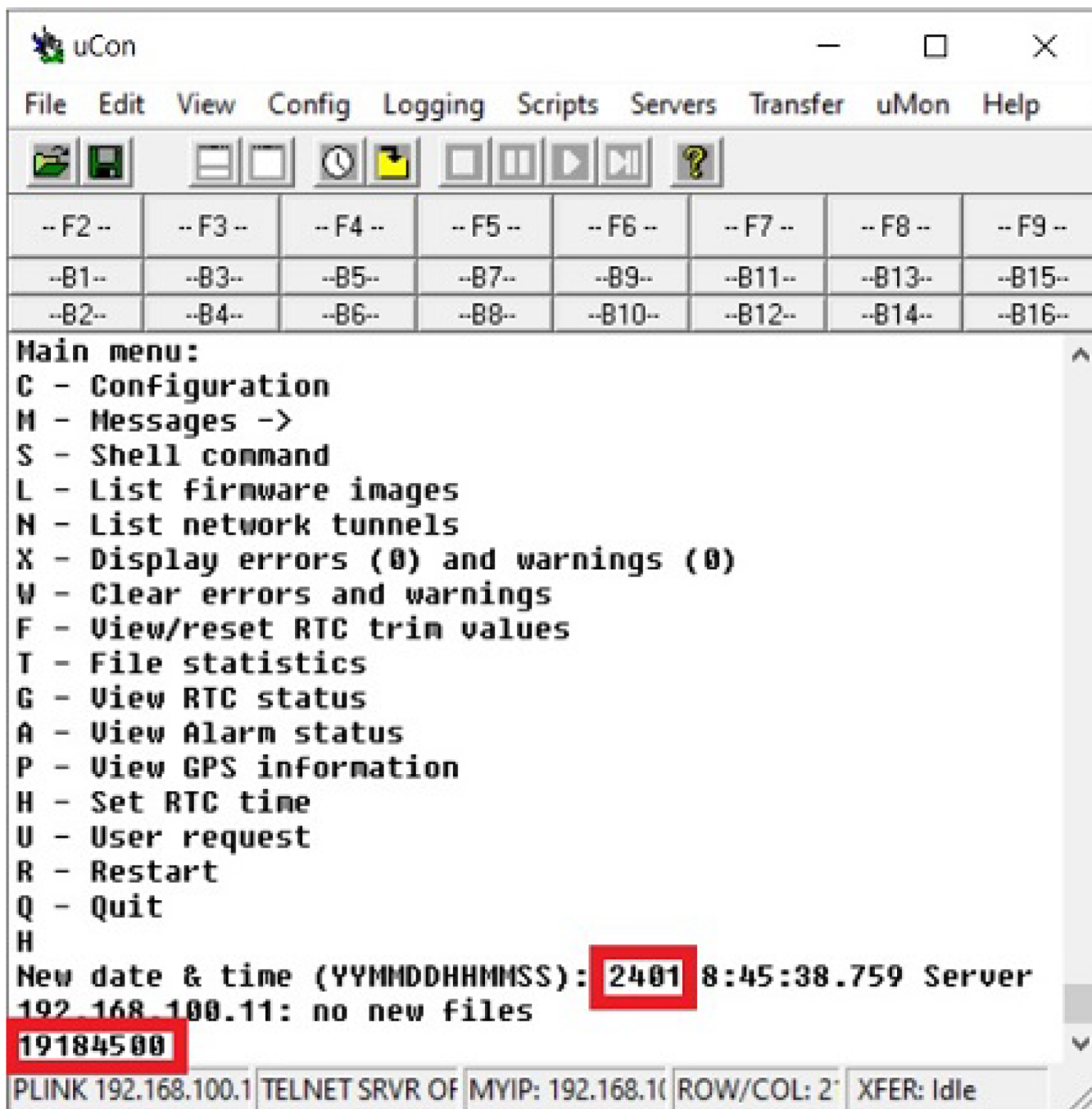
3. Set RTC Time

In the main menu, select [H] to set RTC time

- Enter the time in format YYMMDDHHMMSS and confirm with [Enter] The sample below is for a time of 18:45:00 on January 19th of 2024

Main menu:
C - Configuration
M - Messages ->
S - Shell command
L - List firmware images
N - List network tunnels
X - Display errors (0) and warnings (0)
W - Clear errors and warnings
F - View/reset RTC trim values
T - File statistics
G - View RTC status
A - View Alarm status
P - View GPS information
H - Set RTC time
U - User request
R - Restart
Q - Quit
H
New date & time (YYMMDDHHMMSS): 240119184500

- When entering the time, it may happen that log messages are written into your input.
  If this happens, just continue your input and confirm with **[Enter]**
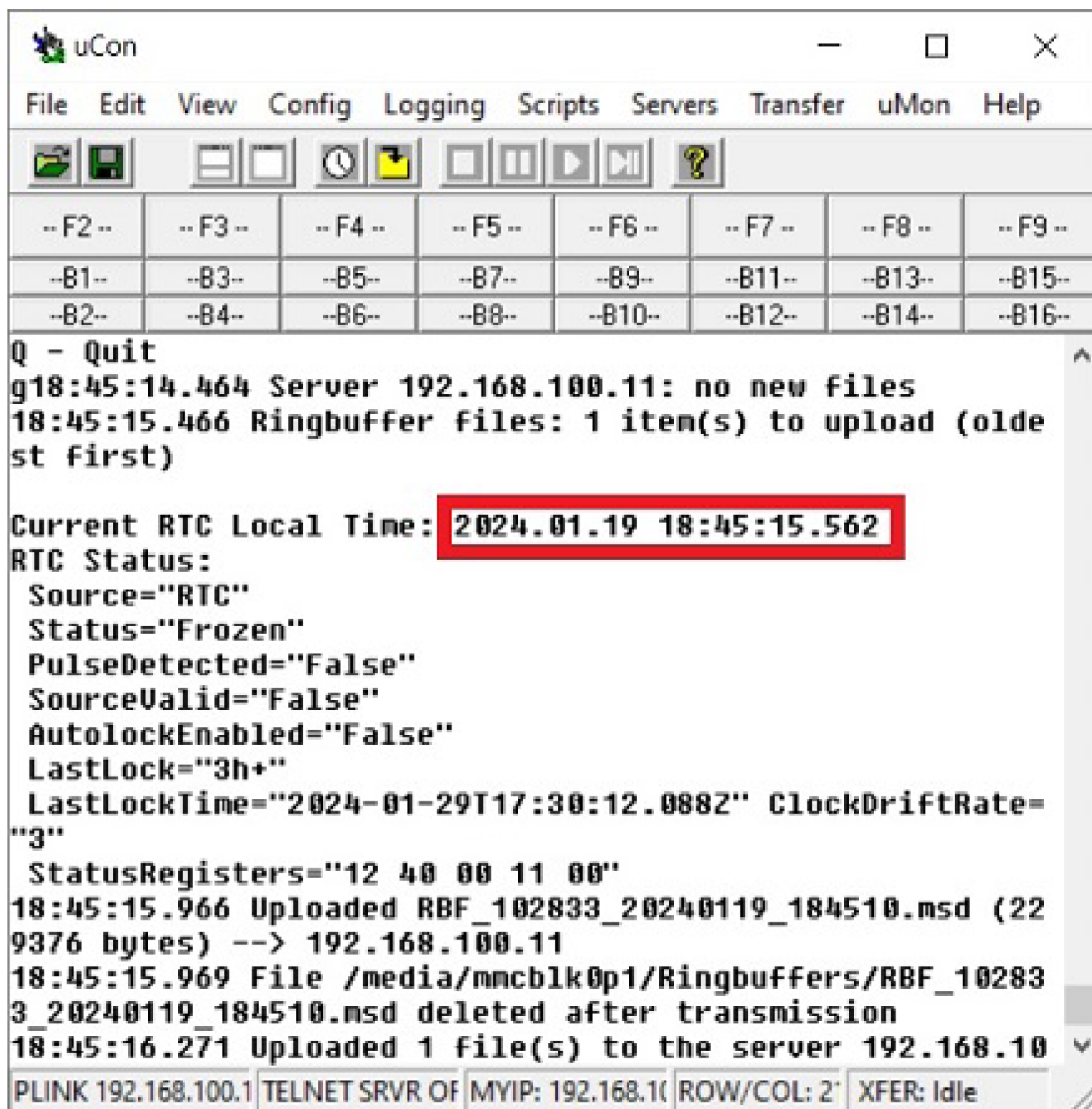 The input may be split over several lines as below

```
Main menu:
C - Configuration
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G - View RTC status
A - View Alarm status
P - View GPS information
H - Set RTC time
U - User request
R - Restart
Q - Quit
H
New date & time (YYMMDDHHMMSS): 2401 8:45:38.759 Server
192.168.100.11: no new files
19184500
```

- GMSplus will adapt its time to the new setting, it will close the old ringbuffer recording (RBF) andopen a new one with the new time setting.
  This process may take a few seconds.

4. Check RTC Time

In the main menu, select **[G]** to see the current RTC time

1. In the main menu, select [G] to view current RTC time.
2. Current RTC Local Time is displayed in format YYYY.MM.DD
   HH:MM:SS.ms.
3. If new time isn't reflected, repeat from step 3. and check
   backup battery voltage. Refer to FAQ's Maintenance Guideline for more details.

Specifications

- Product Name: GMSplus
- Function: Realtime Clock (RTC)
- Manufacturer: Geosig

FAQ – Frequently Asked Questions

GMSplus Set RTC Time from Recorder Serial Console

Q: How do I set the RTC time manually on GMSplus?

A: Follow steps outlined in the user manual under "Set RTC Time" section.

Q: What should I do if the new time is not reflected?

A: Check backup battery voltage and refer to the FAQ's Maintenance Guideline for troubleshooting.

Documents / Resources

GeoSIG GMSplus Set RTC Time from Recorder Serial Console [pdf] User Manual
GMSplus Set RTC Time from Recorder Serial Console, GMSplus, Set RTC Time from Recorder
Serial Console, Time from Recorder Serial Console, Recorder Serial Console, Serial Console

References

- **User Manual**