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No 11/2022 GeoMax

Product Release

Zenith60 GNSS Series: New firmware available

We are pleased to inform you about the release of a new onboard firmware for the GeoMax Zenith60 GNSS series.

The following improvements have been made:

- Support of new Terrastar C-Pro corrections, which reduce the initial PPP convergence time from 18 min to typically <10 min
- Support of GLONASS L3, QZSS L6 and NavIC L5 in RINEX files that can be downloaded in .ZIP format
- Improved satellite skyplot visualisation and data management in WebUI
- Added function to save settings before factory reset
- Support of storing setting to SD card
- Leap second management updated to support the recent week's roll-over
- Update of pseudorandom noise (PRN) codes management
- Several additional improvements, like the support of new hardware components, updated antenna type information and use of BeiDou almanac

Update recommendation

To take advantage of the improvements, upgrading the Zenith60 GNSS receivers to the new receiver firmware is recommended. Please ensure to update both the instrument and the tracking firmware to the new versions:

Instrument firmware	v22-05-12
Tracking firmware	v7.813

Availability

The new firmware will be installed in production from now on, while receivers on stock will be shipped with the previous firmware version. Those units can be updated by downloading and installing both firmware files from the GeoMax Partner Area, following the instructions in the Installation Guide.

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