RELEASE NOTES

Trimble® Infrastructure GNSS Series Receivers

These release notes describe the latest improvements made to the Trimble® NetR9® GNSS Infrastructure series receivers.

- Introduction
- New Features and Changes
- Upgrade Procedure
- Legal Notices

Introduction

These release notes describe the improvements made to the Trimble NetR9 Infrastructure series receivers.

With this release, these products can now use version 5.03 firmware.

Note – Not all receivers support all features contained within this firmware release. The supported features will depend on the receiver model and options installed.

To load and use firmware version 5.03, you must have a valid firmware warranty, dated 1 May 2014 or later. If necessary, contact your Trimble dealer to purchase a warranty.

Before you perform a firmware upgrade, download and back up any files or configuration settings.

New Features and Changes

General

- Minor translation updates.
- Crossing the CTS and RTS pins of the serial port during power up no longer forces the receiver into Remote Monitor mode.

Data formats

- NMEA GGA string updated to reflect a *Fixed* quality indicator for RTX solutions.
- The receiver will now output NMEA GGA for VRS™ solution use only without the full NMEA option being enabled.

Data logging

- Data logging session configuration now contains an option to enable the logging of voltage and temperature records. If this is enabled, these features will be logged in the T02 file and will be included in the resulting BINEX files created by the on-the-fly converter.

Tracking

- General GNSS tracking and acquisition improvements.
- Improved GNSS tracking for solutions not containing any GPS satellites.
- Improved Beidou ephemeris decoding.
- Updated OmniSTAR® libraries.

Networking and security

- NTRIP Client configurations will no longer be refused as a result of onboard IP filtering. Additionally, the IP address and port of the NTRIP Client will appear on the *I/O Configuration* webpage.
- Resolves rare occurrence whereby a receiver may report/display an incorrect IP address.
- *IP Quality of Service* (go to *Network Configuration / IP Filtering and QoS* on the webpage) allows the user to specify which streams are a priority to the application, and allows a maximum bandwidth to be defined for non-priority use. All other remaining bandwidth beyond the non-priority bandwidth limit will be allocated to priority streams. This is designed to maximize the performance of priority streams in applications using limited bandwidth communication links.

Power

- Power logic has been updated to address an issue whereby the receiver may not recognize power being applied seconds before shutting down if the internal battery UPS is disabled.

Web interface and front panel

- On the *Option Detail* webpage, the *OmniSTAR HP* option has been renamed as *Dual Frequency MSS.*
- Improved support for various web browser platforms.

Upgrade Procedure

Make sure that the receiver firmware warranty date is 1 May 2014 or later.

To upgrade, use one of the following methods:

- WinFlash utility: Use the latest version that is available with the version 5.03 Web package.
- Receiver Web User Interface: Download and install the version 5.03 *.TIMG file.

Legal Notices

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Release notice

This is the July 2015 release (Revision A) of the *Infrastructure GNSS Receivers Release Notes*. It applies to version 5.03 of the receiver firmware.

Product warranty information

For applicable product warranty information, please refer to the Warranty Card included with this Trimble product, or consult your Trimble reseller.

Notice to our European Union customers

For product recycling instructions and more information, please go to www.trimble.com/ev.shtml.

Recycling in Europe: To recycle Trimble WEEE (Waste Electrical and Electronic Equipment, products that run on

Electric power), call +31 497 53 24 30 and ask for the "WEEE Associate".

Or, mail a request for recycling instructions to:

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