



# Trimble GNSS OEM

## RECEIVERS

This document contains late-breaking product information, updates, and troubleshooting tips not covered in the Trimble® GNSS OEM receivers' documentation.

- ▶ Introduction
- ▶ Upgrade Procedure
- ▶ New Features and Changes
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## Introduction

These Release Notes describe improvements made since version 5.42 to the following Trimble GNSS OEM receivers:

- BD930
- BD935-INS
- BX935-INS
- BD940
- BD940-INS
- BX940
- BD970
- BD982
- BX982
- BD992
- BD992-INS
- BX992

To use the new firmware, you must have a valid firmware warranty. You can check the Firmware Warranty Date using the web interface. Make sure the date shown is 1 November 2018 or later. Alternatively, obtain the warranty date from the WinFlash software. Select **Verify receiver options** and ensure the **Firmware Option** is 1 November 2018.

For further support information, go to [https://www.trimble.com/support/support\\_az.aspx#B](https://www.trimble.com/support/support_az.aspx#B). Select your BD/BX receiver and click **Support**.

Version 5.43

Revision A

September 2019

# Upgrade Procedure

There are two ways to load the new firmware:

- Use the WinFlash utility (BD9xx WinFlash v54X.zip) downloaded from the Trimble website.
- Use the web interface of the receiver to load the firmware image file downloaded from the Trimble website.

## New Features and Changes

The following improvements have been made to the Trimble GNSS OEM receivers.

- Improvements to the implementation of QZSS SLAS-L1S
- Web interface enhancements for the display of the options installed on the receiver
- Corrected an issue with the display of the temperature on the BD/BX992 receivers
- Improvements to the Galileo information displayed on the web interface
- Ephemeris data can now be cleared without changing the receiver settings
- Improvements to SBAS positioning
- The 1PPS pulse width can now be changed
- Updates to QZSS RTCM3 MSM transmission to comply with the standard

## Documentation updates

The latest documentation can be found online at [https://www.trimble.com/support/support\\_az.aspx#B](https://www.trimble.com/support/support_az.aspx#B). Select your BD/BX receiver and click **Support**.

## Legal Notices

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### Release Notice

This is the September 2019 release (Revision A) of the GNSS OEM Receivers' Release Notes. It applies to version 5.43 of the Trimble GNSS OEM receivers.