VIAVI
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Software Release Notes

GPSG-1000 Software Version 3.5.2 Available

7/27/2021

Description

- The latest released software version for the GPSG-1000 has changed from Version 3.4.6 to Version 3.5.2

New Features

- VIAVI boot screen (VIAVI rebranding)

Improvements

- Removed week number popup message- If the almanac currently selected was more than 60 days out of date a red warning message would be displayed to the operator. This created some confusion when operating the GPSG and the warning message has been removed.

- Changed SBAS satellites- The RAIM data on the simulated SBAS (Satellite Based Augmentation System) satellites was out of date and referred to a SBAS satellite that has been retired. The RAIM data has been changed to reflect current SBAS data.

- Changed initialization of RCI units to SI- There had been an error in the data units when controlling the GPSG-1000 through the remote control. The GPSG-1000 would receive the setup parameters and make an incorrect unit conversion causing an error in the setup of the altitude via remote control. This has been changed to correctly convert the commanded altitude to the units selected by the operator for the simulation and display on the screen.

Download Instructions

The installation package can be downloaded here:

https://www.viavisolutions.com/en-us/software-download/gpsg-1000-software

⚠️ CAUTION: If the software version of the GPSG-1000 is less than 3.4.5, it is recommended to update to 3.4.5 first before proceeding with the 3.5.2 software update. Contact Avcomm Support at Techsupport.avcomm@viavisolutions.com to be sent version 3.4.5 if needed.

Contact Information

VIAVI Solutions
Avionics and Radio Test

10200 West York Street
Wichita, KS 67215
800-835-2350
Techsupport.Avcomm@viavisolutions.com

GPSG-1000 Software Version 3.4.6 Available

3/05/2020

Description

The latest released software version for the GPSG-1000 has changed from Version 3.4.5 to Version 3.4.6.

New Features

- Displays message if almanac and user time are not within 60 days.
- Implement L1 no P(y).

Improvements

- Fixed Satellite simulation for almanacs after latest week rollover.

- Fixed creation of almanac file if week number was a single digit.

- Support new Telit GPS Receiver board.

- Fixed Route Longitude check.

- RCI command GPS:UNITS:SET now changes the associated UI item on the setup page.

GPSG-1000 Software Version 3.4.5 Available

1/12/2018

Description

The latest released software version for the GPSG-1000 has changed from Version 3.0.0 to Version 3.4.5.

New Features

- No new features

Improvements

- Reduced the resolution of the loss values for the coupled and direct entry to the capability of the unit.

- Added services to GPS carriers L1C, L2, and L2C menu not previously provided.

- The Aeroflex directory will be automatically created when saving waypoints, if not present while waypoints are being saved.

- Fixed Leap seconds calculation

- 60 day LSF transition will now be transmitted if a pending leap second update is within 60 days.

- Return to calibration screen after completing the frequency calibration

Installation of this software update does not require the GPSG-1000 to be recalibrated.

NOTE: It is not recommended that this version of GPSG-1000 software be installed into units with a software version that is older than 3.0.0. It has been found that 3.4.5 software will not always install properly when the version is earlier than 3.0.0 and this can cause the GPSG-1000 to be inoperable. We recommend sending the GPSG-1000 units with the older software back to the factory to have it updated.

Download Instructions

The installation package can be downloaded here:

https://www.viavisolutions.com/en-us/software-download/gpsg-1000-software

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