



TECHNICAL BULLETIN

To: Hemisphere GNSS Dealers and End Users
From: Hemisphere GNSS Technical Support
Date: December 12, 2016
Reference #: SB121216-07

PRODUCT AFFECTED:

All HGNSS GLONASS capable products

SCOPE: On December 31st, 2016 at 23h59m59s, a positive leap second will be inserted into the Coordinated Universal Time (UTC). HGNSS receivers capable of tracking GLONASS may experience issues with GLONASS signal tracking during this event. GLONASS tracking will be temporarily interrupted on receivers operating during the introduction of the leap second on December 31st, 2016. GPS tracking will not be impacted, and receivers will continue to compute a position using the GPS constellation. GLONASS tracking will return to normal once a new GPS almanac is automatically downloaded by the receiver. Any receiver that has not been powered on for some time prior to the introduction of the new leap second or any receiver that has had its current almanac cleared manually will require a new GPS almanac to be downloaded to ensure proper functionality after the addition of the new leap second.

The duration of the GLONASS tracking interruption should be no greater than 60 minutes.

HGNSS users should confirm that their GLONASS capable receivers are running the latest firmware files available from HGNSS. Firmware can be downloaded from the following location: <https://hemispheregnss.com/Resources-Support/Software>

FURTHER INFORMATION:

If you have any further questions, please contact Hemisphere GNSS technical service department at +1 (480) 348-6380. For support via email, please contact TechSupport@HGNSS.com or consult WWW.HGNSS.COM for the latest HGNSS product and software information.

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