



GLONASS Service Alert

Please be advised of a Notice Advisory to GLONASS Users (NAGU) in place, impacting GLONASS users.

NAGU message 054-191008 was issued on October 8th, 2019 and does not have a specified end date. The message explains satellite 723 has been put into Slot 10, Frequency Channel +7. The +7 value appears to be a departure from the Interface Control Document (ICD) definition of Frequency Channels, ranged from -7 to +6.

Observed system behavior shows if the GLONASS almanac is several weeks old or becomes cleared from memory, the receiver's ability to lock onto GLONASS satellites correctly can be compromised. During this time, NovAtel receivers will continue to track and use some GLONASS satellites, while rejecting measurements from others.

Products Affected:

All NovAtel OEM6 based (firmware v6.606 & 6.730) and OEM7 based (all firmware versions) receivers that are configured to track GLONASS signals.

Solution:

As soon as GLONASS service returns to using a Frequency Channel within the -7 to +6 range, the issue will be resolved and NovAtel receivers will revert to normal operation. NovAtel is working with Russian officials to determine if more impactful solutions need to be addressed. Further updates will be provided.