OCXO & Rubidium

Oscillator Module Firmware Release Notes

VERSION 2.04h (10 February 2018)

- **Improvement:**
  An issue where a properly functioning clock would suddenly lose all satellites and stop functioning until manually restarted. This has been fixed in this firmware update by issuing an internal soft reset.

- **Change:**
  Upgrade of GPS on an Axiom required the clock to be power cycled for the Axiom to return to normal operation. This change allows for Axioms to be upgraded without having to power cycle the clock following the upgrade.

- **Change:**
  Support for Trimble RES SMT 360 has been added.

- **Bug Fix:**
  An issue where, when a GPS reset occurred and the GPS did not restart successfully then the clock would continue to report a Sync state while the oscillator continued to free run. The fix resets the timeout to clear the flag that prevented standard reporting.

- **Bug Fix:**
  The reported antenna current would be erroneously low when actual current value was high. The current firmware fixes this issue.

VERSION F2.04g (October 2017)

- **Improvement:**
  Added the ability to apply firmware upgrades to the GNSS receiver module of TCG 02-G clocks fitted with OCXO or Rubidium oscillators. This change allows for future field upgrades to be applied to the GNSS receiver module to add features or resolve issues.

VERSION 2.04f (10 August 2016)

- **Bug Fix:**
  Fixed a bug that could cause the "No Antenna" alarm to clear intermittently on OCXO and Rubidium TCG 02-G clocks when the antenna is not connected.