

NTS 02-E & NTS 03-E Release Notes

VERSION 3.10r

- **Improvement:** Increase the time taken for the clock to obtain GPS position hold from 10 minutes to 33.3 minutes. The clock is 'in sync' during this period but will continue to improve its absolute accuracy to UTC.
- **Improvement:** The holdover message shown on the LCD display and in the configuration tool now disappears when the holdover period expires (The clock announces a sync alarm when holdover expires).
- **Improvement:** Add slave only PTP telecom profile to NTS 03-E.
- **Improvement:** Add ability to suppress power alarms.
- **Improvement:** Remove GPS related functions and alarms when acting as a fiber slave.
- **Improvement:** Increase range of the daylight savings change time to include 24:00.
- **Improvement:** Allow Block VLAN 0 to be set (But only via USB or a VLAN tagged Ethernet request).

- **Bug Fix:** Re-Work USB support to improve reliability.
- **Bug Fix:** IPv4 addresses with final octet > 233 were incorrectly rejected.
- **Bug Fix:** This bug caused occasional NTP multicast packets to be sent via broadcast.
- **Bug Fix:** Allow group creation in supervisor mode.
- **Bug Fix:** Security disabled mode not available on expansion ports (ETH2 – ETH6) in rare situations.
- **Bug Fix:** Ensure ports (ETH2 – ETH6) acquire an IPv4 address via DHCP (if available) at start-up.

VERSION 3.08r & 3.09r (Not released for NTS)

VERSION 3.07r

- **Improvement:** Tighter constraints on DHCP for improved security.
- **Improvement:** NTP broadcasts are no longer subnet directed. They use the global broadcast address 255.255.255.255.
- **Improvement:** SNMPv3 MIB support.

- **Bug Fix:** Some NTP requests sent without MD5 authentication when it was requested.
- **Bug Fix:** Fix bug in VLAN processing that caused tags to be omitted from replies to configuration protocol file requests (even if the requests were tagged).

VERSION 3.06r (Not released for NTS)

VERSION 3.05r (First release)