

NTS-3/4/5000

Firmware

Release Notes 161012

Upgrading to New Software Release

- NTS system kernel
- ntp-4.2.8p9
- openssh-7.4p1
- openssl-1.0.2j
- php-5.6.29
- lighttpd-1.4.44

New features and improvements

- added VLAN configuration (ssh)
- added antenna mode selection NMEA or NV08 (GPS+GLANASS)
- improved NMEA output - full antenna simulation
- added info about LCD state (WWW), OCXO, IRIG IN/OUT, Rubidium
- added location in google maps from GNSS (WWW)
- added login status antenna in syslog
- added auto-update leap seconds annonnce (if server conected to internet)

Bugfixes

- multiple sending SNMP Traps after reboot
- RADIUS Telnet authentication

Release Notes 161014

New features

- added support for older IRIG module (based on MB ASCII) NTS-4/5000

Bugfixes

- SNMP Traps sned when antenna change states from failure to not failure

Release Notes 161016

Upgrading to New Software Release

- openssl-1.0.2k
- php-5.6.30
- lighttpd-1.4.45

New features

- Default setting TIMER OUT to IRIG OUT DC

Bugfixes

- WWW – System Rubidium information, showed always not installed

Release Notes 161018

Bugfixes

- WWW - Correct message to successful password change

Release Notes 161020

Bugfixes

- Internal log cleaning

Release Notes 161022

Upgrading to New Software Release

- openssl-1.0.2l
- openssh-7.5p1
- php-5.6.31

- **New features**

- PTP: support for new module version.

Release Notes 161024

Upgrading to New Software Release

- ntp-4.2.8p10
- php-5.6.31
- lighttpd-1.4.47
- openssh-7.5p1

Bugfixes

- Improved configuration network settings on PTP cards
- Restart Rubidium from setup WWW

Release Notes 161026

- Disable Mode 6 queries

Release Notes 161110

- Add support for PTP SLAVE

Upgrading to New Software Release

- php-5.6.33
- lighttpd-1.4.48
- openssh-7.6p1
- openssl-1.0.2n
- curl-7.58.0
- bash-4.4.18

Release Notes 161114

Note! After upgrade, you need clear your web browser and next, enable NTP service on LAN1 and LAN2 by SSH-SETUP

- Web server disabled TLS1.0,1.1
- Automatic upgrade OCX0 microcode, during firmware upgrade

Bugfixes

- Setup SSH configuration SNMP service on LAN1 and LAN2
- Setup WWW configuration multicast and broadcast

Release Notes 161116

- Add support for PTP (software) to LAN1, LAN2 (ITU-T G.8265.1 Telecom profile unicast master)

Upgrading to New Software Release

- Lighttpd-1.4.49

Release Notes 161120

- Add support for BeiDou

Release Notes 161122

Note! After upgrade, you need clear your web browser and next, enable NTP service on LAN1 and LAN2 by SSH-SETUP

Bugfixses

- upload certificates SSH/SSL
- fix autoupgrade OCX0 firmware (NTS-4000/5000)

Upgrading to New Software Release

- ntp-4.2.8p11
- php-5.6.35
- openssl-1.0.2o

Release Notes 161126

Internal performance improvements

Release Notes 161128

Bugfixses

- fix GNSS logs lin NMEA mode

- fix running GNSS BINR driver after reconfigure

Release Notes 190105

- improve PTP Slave
- added PTP firmware upgrade

Upgrading to New Software Release

- openssl 1.0.2q
- openssh 7.9p1
- php-5.6.39
- curl-7.63.0
- lighttpd-1.4.52
- monit-5.25.2

Release Notes 190305

Upgrading to New Software Release

- ntp-4.2.8p12
- openssl 1.0.2r
- php-5.6.40
- curl-7.64.0
- lighttpd-1.4.53

Release Notes 190315

Upgrading to New Software Release

- ntp-4.2.8p13
- monit-5.25.3
- php-5.6.40

New features and improvements

- HP5071 driver

Release Notes 190405

New features and improvements

- Support NTP SHA keys

Bugfixses

- fixed BINR input mode

This firmware has been successfully tested referring to standard test procedure TRP190405/1 accepted and approved by e-signature