

### LT-300 GNSS SW v1.02 Release Notes

Part Number: 51-100304

Product Name: LT-300 GNSS

Software Ver.: 1.02                      LT-Service Tool: v1.04 (minimum req. SW)

Release Date: 5. August 2016

SW Update:     Optional                       Recommended                       Mandatory

File Name:        LT-300\_v1.02.Iti                      File size:            100 KB

Checksum:        1936324a702cd42f00b1d11085c8af12 (MD5)

Downloads:       <http://thrane.eu/wdpress/index.php/lt-300/>

Contact:          [support@thrane.eu](mailto:support@thrane.eu)

#### New Features

- Configuration of NMEA 0183 sentences:
  - Enable/disable sentence

The NMEA 0183 sentences can be configured from the LT-Service Tool by using the following command: 'nmea0183 sentences [ default | <sentence>:<interval (ms)>...]' (e.g. 'LT>nmea0813 sentences RMC:1000 GGA:1000'). The LT-Service Tool supports a function to make analysis of the NMEA 0183 output to verify correct configuration ('LT>stat'). Talker ID GN can be changed by selecting satellite system (e.g. GP 'LT>gnss receiver GPS SBAS')

#### Changes

- NA

#### Fixes

- NRU-254: ISOBUS address conflict
  - Updated NMEA 2000 broadcast filter
- Other minor bugs

### **SW Upload Instruction**

Follow this procedure to upload a new application SW to the LT-300 GNSS:

- 1) Connect the LT-300 GNSS (NMEA 0183 interface) to a PC using one of these interfaces: USB to RS-422 adapter, serial RS-422 or RS-232. Details are available in the LT-300 User & Installation Manual.
- 2) When the LT-300 GNSS is connected and powered (9-40 VDC) – start the LT-Service Tool by double-click on the 'LT-Service\_v1.04.exe' file. The LT-Service Tool will automatically scan and detect any LT-300 GNSS connected to the PC. Type 'help' to get a full list of available commands.
- 3) Use the following command to upload the application SW: 'upload -b 115200 LT-300\_v1.02.lti'.