



Software Release Note

Description of new functions and improvements for the cNODE MiniS medium frequency (MF) software.

Release Description

Release 7.44

New functionality

- Support for new model of integrated IMU on the main PCB.

Improvements

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Release 7.40

New functionality

- Support for tagged interrogation
- Supports transponder main boards without tilt sensor

Improvements

- Battery charging algorithm improved

Release 7.37

New functionality

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Improvements

- Telemetry power limited to High
- Data decoding improved, preventing possible bit errors on modem serial port
- Improvements related to optional LUP status messages on modem serial port

Release 7.31

New functionality

- Supports new model of tilt sensor

Improvements

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Release 7.15

New functionality

- Sleep mode implemented also when connected to external 24 V supply
- Modem can wake up on serial line, also with latest FPGA version

Improvements

- Modem transfer of NMEA-messages improved
- The battery charger algorithm has been updated for fully charged status
- Fragmented messages in modem-modem communication improved

Release 7.10

Improvements

- Minor corrections related to automated manufacturing tests

Release 7.09

New functionality

- Supports new Cymbal profiles: 1800 bps, 2500 bps, 4500 bps and 6000 bps

Improvements

- Improved battery charging algorithm for 24V external power (ROV use).