cNODE MiniS MF

Software Release Note

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

Release Description

Release 7.40
New functionality
- Support for tagged interrogation
- Supports transponder main boards without tilt sensor

Improvements
- Battery charging algorithm improved

Release 7.31
New functionality
- Support for internal pressure sensor, both on serial port and on dedicated pressure sensor port
- Supports new model of tilt sensor

Improvements
- -

Release 7.28
New functionality
- Support for internal pressure sensor

Improvements
- Fixed an issue with the watchdog

Note
- Release 7.28 must have FPGA version 4.10 to have the watchdog fix.

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).

Release 7.04

New functionality

- TTC Light transponder tester functionality. This means a cNODE MiniS transponder can be used to test other transponders acoustically. The MiniS transponder is connected with a serial cable to a PC with "TTC Light" software installed.

Improvements

- The calculation of X- and Y-inclination from the internal tilt sensor uses a new algorithm.

- Corrected the presentation of battery production date (cNODE production info).

Release 7.02

New functionality

- -

Improvements

- Improved Cymbal telemetry at short range.