

# cNODE MiniS MF



KONGSBERG



## 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 7.31**

##### New functionality

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

##### Improvements

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#### **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**

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### **Improvements**

- Improved Cymbal telemetry at short range.