

## Declaration of Conformity

This declaration of conformity is issued under the sole responsibility of the manufacturer

**Manufacturer:** Lars Thrane A/S  
**Address:** Stubbeled 2, 2950 Vedbæk, Denmark  
**Product Identification:** LT-1000 Navigation Reference Unit (NRU) PN = 51-100142

### Product Description

The LT-1000 NRU is a small, compact, and very advanced unit with 12 precision sensors (magnetometers, gyros, accelerometers, barometer, thermometer, and GNSS). With the use of sensor-fusion and Kalman filtering, the LT-1000 NRU outputs: true-heading, roll, pitch, position, speed, air pressure, and temperature real-time, with high precision and resolution. The LT-1000 NRU makes use of the latest technology within GNSS receivers, with market leading acquisition and tracking performance. The LT-1000 NRU is designed and built for the demanding and rough environment at sea and with an operational temperature (ambient) range from -40°C to +55°C (-40°F and +131°F).

### Declaration

We as manufacturer declare that the above listed product complies with the specification of the EC directive 1999/5/EC. The conformity has been assessed according to the procedure detailed in Annex IV of the R&TTE Directive. The following harmonized standards were applied:

**RF Spectrum:** EN 300 440-2, v1.4.1

**EMC:** EN 301 489-1, v1.9.2 / EN 301 489-3, v1.6.1

**Safety:** EN 60950-1:2006+AC:2011+A11:2009+A1:2010+A12:2011+A2:2013 / EN 60945:2002

Confirmed by Cetecom, Notified Body No. 0682

Year of affixing the CE mark: 2015

### Place and Date

Vedbæk, 26. October 2015



Peter Thrane, CEO

Lars Thrane A/S

