

Expertise

Expert Opinion of the Notified Body on the Conformity Assessment
according to Article 10.5 of R&TTE Directive 1999/5/EC

PHOENIX TESTLAB
EU Identification Number **0700**



BNetzA-bS-02/51-55

Expertise No.	13-110681
Certificate Holder	1st-Relief GmbH
Address	Handelskai 388 / Top 632 A-1020 Vienna Austria
Product Description	AIS Class-B CSTDMA Transponder
Brand Name / Model Name	-- / Nauticast B2

Opinion on the Essential Requirements

Article 3.1a): Health and Safety	Remarks see annex
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Article 3.1b): Electromagnetic Compatibility	Remarks see annex
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Article 3.2: Effective Use of the Radio Spectrum	No remarks
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Article 3.3: Additional Maritime Requirements	Remarks see annex
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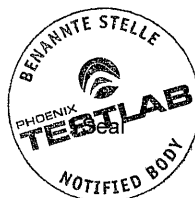
CE-marking


Marking Example (Class 2)	CE 0700 !
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This certificate is issued in accordance with the Directive 1999/5/EC of the European Parliament and the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity dated 9th March 1999 and is only valid in conjunction with the following annex (2 pages).

Blomberg, 22 February 2013

Place, Date of Issue




Signed by Bernd Selck
Notified Body

Technical description

Frequency Range 161.500 – 162.025 MHz; 1575.42 MHz (Rx only)

Transmitted Power 2 W

Technical Construction File (TCF):

Technical documentation according to Annex II sub clause 4:

- | | |
|---|---|
| <input checked="" type="checkbox"/> User Manual | <input checked="" type="checkbox"/> Operational Description |
| <input checked="" type="checkbox"/> Block Diagram | <input checked="" type="checkbox"/> Circuit Diagram |
| <input checked="" type="checkbox"/> Parts Placement | <input checked="" type="checkbox"/> PCB-Layout |
| <input checked="" type="checkbox"/> Parts List | |

Hardware Version: PCB2687 Issue 2

Software Version: FW01.00

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
IEC 62287-1 Ed. 2.0: 2010 Section 11	BSH	BSH/46162/4321605/13-4
IEC 61108-1:2003	BSH	BSH/46162/4321605/11
IEC 62287-1 Ed. 2.0: 2010 Section 10,12,13, Annex C.3	BSH	BSH/46162/4321605/13-1
IEC 62287-1 Ed. 2.0: 2010 Section 11 Annex C.4	Applied Technology	At0420 Issue. 1

Further Documents

Product Equality Declaration, 2013-02-20



Opinion on the Essential Requirements:

The basis of this Expertise is the Technical Construction File (TCF). If the TCF includes test reports issued by laboratories accredited to the standard ISO/IEC 17025, the test results of these reports are considered as a basis for the conformity assessment of the Notified Body.

Article 3.1a): Health and Safety:

- Not assessed

Article 3.1b): Electromagnetic Compatibility:

- Not assessed

Article 3.2: Effective Use of the Radio Spectrum:

- Conform

Article 3.3: Additional Maritime Requirements:

- Tests according to IEC 60945 not assessed

General Remarks:

- Before putting a product on the market which uses non harmonised frequencies (Class 2) the national authorities of the member states have to be notified.
- This conformity assessment is limited to the essential requirements of the R&TTE Directive. Only products fulfilling all essential requirements of all applicable new approach directives may be placed on the market and put into service. Products in compliance with all provisions of the applicable directives providing for the CE marking must bear this marking.

