

# 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**

Recognised by  Bundesnetzagentur

BNetzA-bs-02/51-55

Expertise No.	14-112194
Certificate Holder	FT-TEC GmbH
Address	Werner von Siemens-Straße 5 A-7343 Neutal
Product Description	AIS - MOB, man over board system
Brand Name / Model Name	Sea Angel / SA14

**Opinion on the Essential Requirements**

Article 3.1a): Health and Safety **No remarks**

Article 3.1b): Electromagnetic Compatibility **No remarks**

Article 3.2: Effective Use of the Radio Spectrum **No remarks**

**CE-marking**

Marking Example (Class 2) **CE 0700** 

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 9<sup>th</sup> March 1999 and is only valid in conjunction with the following annex (2 pages).

Blomberg, 17 October 2014

Place, Date of Issue



Signed by Bernd Selck  
Notified Body

## Technical description

Frequency Range 161.975 - 162.025

Transmitted Power 1 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: V03

Software Version: SA14V1.1

## Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
IEC 61097-14:2010	Phoenix Testlab	E142199E1
IEC 60945:2002	Phoenix Testlab	E142199E2
IEC 62479:2010	Phoenix Testlab	E142199E3
EN 60950-1:2006+A11:2009 +A1:2010+A12:2011	Phoenix Testlab	S142199E1
IEC 61097-14 Ed. 1.0 (clause 6, 7, 8)	BSH	BSH/4542/001/4552802/14-1
IEC 61108-1:2003	BSH	BSH/4543/001/4142824/14

## Further Documents

Radio test suite 14-110659, Phoenix Testlab, 05 March 2014

## 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:

- Conform

### Article 3.1b): Electromagnetic Compatibility:

- Conform

### Article 3.2: Effective Use of the Radio Spectrum:

- Conform

### 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.

