

Certificate

This certificate is issued to

SevenStar Electronics Ltd

of

Unit 7 Richards Close
Wootton Bassett
Wiltshire
SN4 7LE
United Kingdom

to certify that the Equipment known as

SeaTraceR S.287

as described in the Annex to this certificate
conforms to the essential requirements of Directive 1999/5/EC
of the European Parliament and European Council on the basis
of Technical Construction File number DOC.287/TCF/1.1
in relation to the essential requirements of
Articles 3.1(a), 3.1(b), 3.2 & 3.3 of the Directive.

Signed:



On Behalf of BABT

Issue Date: 12 March 2007

Number: NC/13095 Issue: 01

This certificate is issued by BABT and represents a formal Notified Body opinion under Annex IV of Directive 1999/5/EC
permitting the use of the BABT CE0168 mark on the equipment described above
subject to the equipment meeting the compliance requirements of all applicable EU directives.
This certificate is not transferable and remains the property of BABT.

CERTIFICATE

Description of Equipment

<i>Intended Use:</i>	Fixed marine transponder with GPS receiver, for use onboard non-SOLAS vessels.		
<i>Class of Equipment:</i>	2		
<i>Frequency Band(s):</i>	Transmitter:	156.025 – 162.025 MHz	
	Receiver:	156.025 – 162.025 MHz	
	GPS:	1575.26 MHz	
<i>Type of modulation:</i>	25 kHz GMSK (AIS, TX and RX) 25 kHz AFSK (DSC, RX only)		
<i>Channel Spacing(s):</i>	25 kHz		
<i>Designation of Emissions:</i>	25K0FXDXT		
<i>Transmit Power:</i>	Conducted, 1.41W min. 2.82 W max.		
<i>Duty Cycle:</i>	0.027s on, 29.973s off: 0.09%		

Standards

R&TTE Article 3.1(a)	EN 50384: 2002
	EN 50385: 2002
	EN 50383: 2002
	EN 60950-1: 2001
	IEC 60945: 2002-08
R&TTE Article 3.1(b)	EN 301 843-1 v1.2.1 (2004-06)
	IEC 60945: 2002-08

R&TTE Article 3.2

IEC 62287-1: 2006-03 Clause 11, for the AIS transmitter and receivers
IEC 62287-1: 2006-03 Annex C, Clause C4, for the DSC receiver
IEC 61108-1: 2003-07 Clauses 4.3.7 & 4.3.8, for the GPS receiver

R&TTE Article 3.3

IEC 62287-1: 2006-03 Clause 9, for operation in intended environment
IEC 62287-1: 2006-03 Clauses 10, 12,13 for operational requirements

Relevant Technical Documentation

Supplier's Declaration(s) of Conformity: R&TTE dated 22/2/07

User Guide: SeaTracR User Manual, S.287/UM1/0.4

Test report numbers:

Article 3.1(a) [Safety] SevenStar, S.287/SR/1.1
TUV 071-200526-000
MPE calculations performed by SRT

Article 3.1(b) [EMC] Hursley EMC Services, 06R487CR

Article 3.2 [Spectrum Usage] SRT, LD2235 Issue 3.0
BSH, BSH/46162/4320358/06

Article 3.3 [Access to emergency services]
BSH BSH/46162/4320358/06/S3140
Sartech VS/SEV4/06/1

Approved Software: Version 10.0.1.0

Approved Hardware : Overall Build Level SRT V5.0

Additional Information:

Compliance with Article 3.2 of the R&TTE Directive 1999/5/EC does not of itself give an automatic presumption of conformity with National Radio Spectrum Standards. It is therefore mandatory for this equipment to be notified to the relevant national authority responsible for spectrum management 4 weeks before placing it on the market in accordance with Article 6.4 of the R&TTE Directive 1999/5/EC.

Signed: Alan Bails
on behalf of BABT

Date: 12 March 2007