



Bundesrepublik Deutschland

Federal Republic of Germany

BSH-Cert

Benannte Stelle – Navigations- und Funkausrüstung
beim Bundesamt für Seeschifffahrt und Hydrographie
Notified Body – Navigation and Radiocommunication Equipment
at the Federal Maritime and Hydrographic Agency



NOTIFIED
BODY
0735

EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

BSH-Cert, specified as a “notified body” under the terms of „Schiffssicherheitsgesetz“ of 09 September 1998 (BGBl. I, p. 2860) modified last 18 May 2011 (BGBl. I, p. 935), did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Navigation requirements of Marine Equipment Directive (MED) 96/98/EC and the last modification by Directive 2011/75/EC.

Manufacturer **Saab TransponderTech AB**
 Address **Låsblecksgatan 3, 58941 Linköping, SWEDEN**

Applicant **Saab TransponderTech AB**
 Address **Låsblecksgatan 3, 58941 Linköping, SWEDEN**

Annex A.1 Item (No & item designation) **4.32 Universal automatic identification system equipment (AIS)**

Product Name **Saab R5 SOLID AIS SYSTEM**

Trade Name(s) **---**

Specified Standard(s)

IMO Resolution A.694(17)	IEC 61993-2 Ed.1.0, 2001
IMO Resolution MSC.74(69) Annex 3	IEC 61108-1 Ed.2.0, 2003
IMO Resolution MSC 191(79)	IEC 60945 Ed.4.0/2002 incl. Corr. 1, 2008
ITU-R M.1371-4 (Class A), 2010	IEC 61162-1 Ed.4.0, 2010
ITU-R M.825-3, 1998	IEC 61162-2 Ed.1.0, 1998
ITU-R M.1084-3	IEC 62288 Ed.1.0, 2008

Based on the Directive 2010/68/EC, additional applied version: Directive 2011/75/EC
This certificate remains valid unless cancelled, expired or revoked.

Date of issue: **12 April 2012**

Issued by: **BSH-Cert**

Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany

Expiry date: **31 December 2016**

Notified body 0735

Certificate No.: **BSH/46122/4321964/12**

USCG-Module-B No.: **165.155/EC0735**

Unique Identifier: **4321964**

This certificate consists of 2 pages.



Karl-Heinz Warnstedt

Karl-Heinz Warnstedt



Components necessary for operation:

component	part no.	Remarks
R5 SOLID AIS Transponder	7000 118-13X	Software version R5 1.x.x
VHF antenna BA 1012	7000 000-077	or equivalent VHF antenna
GPS antenna MA 700	7000 000-485	
GPS antenna AT575-68	7000 000-135	alternativ GPS antenna
VHF/GPS antenna AC Marine VHF/GPS-B	7000 000-435	alternativ VHF/GPS antenna

Approval Documentation:

Test Report No.: BSH/4612/4321964/12-4 (IEC 61993-2) dated: 2012-02-24
 Test Report No.: BSH/4612/4321964/12-1 (IEC 61993-2) dated: 2012-03-08
 Test Report No.: BSH/4612/4321964/12-6 (IEC 60945) dated: 2012-03-08
 Test Report No.: BSH/4612/4321964/12-2 (IEC 61108-1) dated: 2012-02-27
 Test Report No.: BSH/4612/4321964/12-3 (IEC 62288) dated: 2012-03-08
 Radio test report: Telefication 20113071300 (IEC 61993-2 Section 15) dated: 2011-10-19
 Operation & Installation manual R5 SOLID AIS Part No.: 7000 118-200, revision A

Places of production:

Limitations on the acceptance or use of the product:

Notes:

The manufacturer shall inform BSH-Cert, as the notified body, of any modifications to the type-tested product(s) that may affect compliance with the requirements or conditions laid down for use of the product(s).

In case the specified regulations or standards are amended during the validity of this certificate, the product(s) must be re-certified before being placed on board vessels to which such amended regulations or standards apply.

The Mark of Conformity (wheelmark) may only be affixed to the type approved equipment, and a Manufacturer's Declaration of Conformity may only be issued, if the product quality system fully complies with the Marine Equipment Directive and is certified by a notified body against ANNEX B module D, E, or F of the Directive.

U.S. Coast Guard Approval

This product has been assigned a U.S. Coast Guard Module B number (165.xxx/EC0735/Unique Identifier [if other than EC 0735: /Number of the notified body which certifies the quality assurance system]) to note type approval to Module B only as it pertains to obtaining U.S. Coast Guard approval as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Maritime Equipment" signed February 27th, 2004, and additional information given by U.S. Coast Guard by E-Mail 2010.

The AIS radio transponder is required to be authorized by U.S. Federal Communication Commission (FCC).

Notice on legal remedies available:

Objection to this document may be filed within one month after notification. The objection must be filed in writing to, or put on record at, Federal Maritime and Hydrographic Agency, Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany