

# DET NORSKE VERITAS

## QS - CERTIFICATE OF ASSESSMENT - EC

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2010/68/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-D-1607**

This is to certify that the Quality System for the  
**Navigation equipment**

with type designation(s) as specified in the Appendix to this Certificate

Manufacturer  
**SAAB TransponderTech AB**  
**LINKÖPING, Sweden**

is found to comply with the requirements applicable to it.  
The quality system for the product, defined in Annex A.1, Item No. **A.1/4**, has been assessed with respect to the procedure of conformity assessment described in Annex B, Module D in the directive.

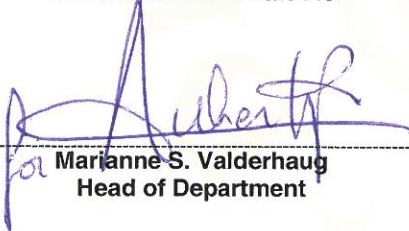
**Limitations:**

Modifications made to the Quality System shall immediately be reported to Det Norske Veritas AS in order to examine whether this Certificate remains valid. Annual periodical audits will be held to verify the validity of the Certificate.

**Høvik, 2012-01-19**  
for **Det Norske Veritas AS**



This Certificate is valid until  
**2017-01-19**

  
for **Marianne S. Valderhaug**  
**Head of Department**

Notified Body No.: **0575**

DNV local office:  
**Stockholm**

  
**Steinar Kristensen**  
**Surveyor**



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended.



Certificate No.: MED-D-1607  
Item No.: A.1/4  
Job Id.: 344.1-001768-7

APPENDIX, REV. NO. 1

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QS - Certificate of Assessment – EC, Certificate no. MED-D-1607

Type designation	EC Type-Examination Certificate No.	Expiry date	USCG approval number
<b>GPS equipment A.1/4.14</b>			
SAAB R4 GPS Navigation System	BSH/4612/4142030/11	2016-10-03	165.130/EC0735/41412030/EC0575
SAAB R4 DGPS Navigation System	BSH/4612/4142030/11	2016-10-03	165.130/EC0735/41412030/EC0575
SAAB R4 Combined AIS & Navigation System	BSH/4612/4142030/11	2016-10-03	165.130/EC0735/41412030/EC0575
C-Nav 1000 R4 Navigation System	BSH/4612/4142030/11	2016-10-03	165.130/EC0735/41412030/EC0575
<b>DGPS equipment A.1/4.50</b>			
SAAB R4 DGPS Navigation System	BSH/4612/4142030/11	2016-10-03	NA
SAAB R4 Combined AIS & Navigation System <sup>*)</sup>	BSH/4612/4142030/11	2016-10-03	NA
C-Nav 1000 R4 Navigation System <sup>*)</sup>	BSH/4612/4142030/11	2016-10-03	NA
<b>AIS equipment A.1/4.32</b>			
SAAB R4	BSH/4612/4321558/10	2015-05-24	165.155/EC0735/4321558/ EC0575
SAAB R4S Secure Transponder System	BSH/4612/4320734/07	2012-12-16	NA
SAAB R5 Solid AIS System	BSH/46122/4321964/12	2016-12-31	165.155/EC0735/4321964/EC0575

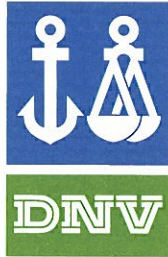
<sup>\*)</sup> A1/4.50 only if DGPS option is included

The manufacturer complies with the Council Directive 96/98/EC on Marine Equipment and is allowed to affix the Mark of Conformity followed by the DNV identification number 0575 and the two last digits of the number of the year in which the product is produced.

Example:  0575/12

The manufacturer shall issue a Declaration of Conformity for each product with reference to the EC Type-Examination Certificate and this QS – Certificate of Assessment – EC.





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### USCG Approval

Based on the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of certificates of conformity for marine equipment" signed 17 October 2005, the manufacturer is allowed to affix the U.S. Coast Guard approval number mentioned in the table above (when applicable).

Place and date: Høvik, 2012-04-26

for **DET NORSKE VERITAS AS**

*Steinar Kristensen*

**Surveyor**

Name in block letters:  
Steinar Kristensen

