

QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Certificate No:
MEDD0000016
Revision No:
3

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of Norway.

This is to certify:**That the Quality System for the products**

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

Issued to

Saab AB
Linköping, Östergötlands Län, Sweden

is found to comply with the applicable requirements.

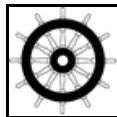
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2017/306.

This Certificate is valid until **2022-02-20**.

Issued at **Høvik** on **2018-06-04**

DNV GL local station:
Stockholm

Approval Engineer:
Steinar Kristensen

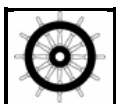


Notified Body
No.: **0575**

for **DNV GL AS**

Roald Vårheim
Head of Notified Body

The manufacturer is allowed to affix the U.S. Coast Guard approval number(s) as stated in the appendix attached hereto and as allowed by 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.



0575/yyyy

0575: Notified Body number undertaking quality surveillance
yyyy: The year in which the mark is affixed

The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU. This certificate authorizes the manufacturer in conjunction with the valid EC Type Examination (Module B) Certificate(s) of the equipment listed before to affix the Mark of Conformity (wheelmark) to the product described herein. This certificate loses its validity if the manufacturer makes any changes to the approved quality system which have not been notified to and agreed with the notified body named on this certificate. This certificate remains valid unless suspended, withdrawn, recalled or cancelled. The Manufacturer has to apply for periodical audits to verify the maintenance and application for the quality system every 12 months.



Job Id: **344.1-001768-17**
 Certificate No: **MEDD0000016**
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APPENDIX

Item no. MED/4.14 GPS equipment

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Saab R5 DGNSS Navigation System / Saab R5 GNSS Navigation System / Saab R5 SUPREME AIS & Navigation System ¹	PTL-MED-B-17-110564	2023-02-27	0700	165.130/EC0700 /PTL-MED-B-17-110564 /EC0575
R5 DGNSS Navigation System MkII / R5 GNSS Navigation System MkII / R5 NAV DGNSS Sensor / R5 NAV GNSS Sensor / R5 NAV Pro DGNSS Sensor / R5 NAV Pro GNSS Sensor ¹	PTL-MED-B-18-110148	2023-01-30	0700	165.130/EC0700 /PTL-MED-B-18-110148 /EC0575
R5 DGNSS Navigation System MkII/ R5 GNSS Navigation System MkII/ R5 NAV DGNSS Sensor/ R5 NAV GNSS Sensor/R5 NAV DGNSS Pro Sensor/ R5 NAV GNSS Pro Sensor ¹	PTL-MED-B-17-110630	2022-04-05	0700	165.130/EC0700 /PTL-MED-B-17-110630 /EC0575
SAAB R5 GPS Navigation System/ SAAB R5 Supreme AIS & Navigation System ¹	4581/001/4142521/15	2020-05-05	0735	165.130/EC0735 /4142521 /EC0575

Item no. MED/4.15 GLONASS equipment

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
SAAB R5 GPS Navigation System/ SAAB R5 Supreme AIS & Navigation System ¹	4581/001/4142521/15	2020-05-05	0735	165.131/EC0735 /4142521 /EC0575

Item no. MED/4.32 Universal automatic identification system (AIS)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Saab R5 SUPREME AIS / Saab R5 SUPREME AIS & Navigation System / R5 SUPREME Secure W-AIS System / R5 SUPREME TTS ¹	PTL-MED-B-17-112320a	2023-02-08	0700	165.155/EC0700 /PTL-MED-B-17-112320a /EC0575
SAAB R5 SOLID AIS System/ R5 SOLID Secure W-AIS ¹	4581/001/4322523/15	2020-05-05	0735	165.155/EC0735 /4322523 /EC0575

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Item no. MED/4.50 DGPS Equipment

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Saab R5 DGNSS Navigation System / Saab R5 GNSS Navigation System / Saab R5 SUPREME AIS & Navigation System ¹	PTL-MED-B-17-110564	2023-02-27	0700	N/A
R5 DGNSS Navigation System MkII / R5 GNSS Navigation System MkII / R5 NAV DGNSS Sensor / R5 NAV GNSS Sensor / R5 NAV Pro DGNSS Sensor / R5 NAV Pro GNSS Sensor ¹	PTL-MED-B-18-110148	2023-01-30	0700	N/A
R5 DGNSS Navigation System MkII/ R5 GNSS Navigation System MkII/ R5 NAV DGNSS Sensor/ R5 NAV GNSS Sensor/R5 NAV DGNSS Pro Sensor/ R5 NAV GNSS Pro Sensor ¹	PTL-MED-B-17-110630	2022-04-05	0700	N/A
SAAB R5 DGPS Navigation System/ SAAB R5 SUPREME AIS & Navigation System ¹	4581/001/4142521/15	2020-05-05	0735	N/A

Item no. MED/4.51 DGLONASS Equipment

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
SAAB R5 DGPS Navigation System/ SAAB R5 SUPREME AIS & Navigation System ¹	4581/001/4142521/15	2020-05-05	0735	N/A

Places of production

1.Kitron AB, Box 1052, Jönköping, Sweden