



Saab TransponderTech AB

Saab R4 AIS 5.1.2 Release Information

1 R4 AIS SYSTEM 5.1.2 RELEASE INFORMATION

New Class A AIS software (Transponder s/w version 5.1.2, and Display s/w version 5.1.2) has been made available for the Saab TransponderTech R4 Class A AIS System. A new document set has been issued *with updated certificates* for this system.

This document describes changes compared to the current production software version, with transponder s/w 5.0.26 and display s/w 5.0.8.

New features:

The R4 Class A System has been updated to comply with functional requirements as specified in IEC62288 and in ITU 1371-3. It has been tested and approved by BSH for compliance.

The R4 Display HW (p/n 7000 108-035) has also been tested and approved by BSH with reference to the physical requirements as specified in IEC62288.

Main changes are:

- “Low power” radio settings has changed from 2 watt to 1 watt.
Note: The “Low power” radio setting is not the same as “Tanker 1W mode”, which is still available and has not been changed.
- MMSI must be set at installation before VDL transmissions are enabled
- Support for group assignments by VDL message 23
- Alarm list can sort alarms in order of occurrence
- New own ship symbol has been implemented in the display

Compatibility:

The R4 Class A AIS 5.1.2 system has been certified with 5.1.x software in Transponder 7000 100-856 and Display 7000 108-290. Therefore both display and transponder must be updated to 5.1.2 in order to comply with the new certificates.

Recommendations:

It is recommended that customers update to version 5.1.2 in order to comply with ITU 1371-3 and IEC 62288.

Both transponder and display must be updated in order to match the new certificate.

The Wheelmark is unchanged for an upgraded system, since the Wheelmark relates to the originally produced units.



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Production of the new version

The new software version is available from January 2010. It has a new Wheelmark, since the Module D certificate is now issued by DNV.

At that time we will cease to supply paper manuals. Shipment will instead be accompanied by:

- R4 AIS Installation Quick Reference Guide (7000 100-400)
- R4 AIS Operator Quick Reference Guide (7000 100-401)
- R4 AIS Certificate Document Package (7000 100-832)
- Operator and Installation manual on CD

Display units 7000 108-290 with serial number 116650 or greater and transponder units 7000 100-856 with serial number 22000 or greater, are factory loaded with 5.1.X software.