



Saab TransponderTech AB

Saab R4 AIS 5.2.0 Release Information

1 R4 AIS SYSTEM 5.2.0 RELEASE INFORMATION

New Class A AIS software (Transponder S/W version 5.2.0, and MKD S/W version 5.2.0) has been made available for the Saab TransponderTech R4 Class A AIS System.

The R4 Transponder hardware will also receive an update during Q3 2010. New transponders with serial numbers starting at 24000 will feature a 16 channel GPS receiver. These systems have been thoroughly tested and recertified and new certificates are available.

This document describes software changes compared to the current production software version, with transponder S/W 5.1.2 and display S/W 5.1.2.

New features:

Main software changes are:

- New dialog in the MKD that shows the R4 Transponder's internal GPS reception levels.
- Possibility to completely turn off the backlight for display buttons
- Automatic RTCM output on AUX port when receiving RTCM message 17 via VHF link.
- Improved support for annual testing.
- Support for R4 transponders with updated GPS hardware

Compatibility:

All previous R4 transponder systems can be upgraded to R4 AIS Class A 5.2.0. Downgrades to previous versions are not supported.

Recommendations:

Customers may consider the benefits of the new features and decide whether an upgrade of existing systems is desired.

Production of the new version

New systems are expected to be delivered with this software in October. Delivered systems with version 5.2.0 will also have updated transponder internal GPS hardware. They will be marked by revision P or greater and the serial number will be starting at 24000. These systems will also have a new Module B certificate and USCG number.