What firmware changes have taken place on the Maretron SSC200?

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Update your device today using the [N2KAnalyzer](#) software tool.

SSC200 Firmware Versions

5.0.4.1(2013-07)

- Correct Gyro Offset Table Issue (2463)
- Increase the acceptable error range of Gyro Temperature Offset to 15 degree C (2666)

5.0.3(2010-06)

- Re-Enabled "store baud command" for 0183 configurations.
- Hardware improvements

3.0.2 (2010-05)

- Corrected issue when 0° would display when heading was truly 180°

3.0.1 (2010-04-23)

- Increased maximum heading (PGN 127250) transmission rate from 10Hz (100ms) to 40Hz (25ms)

2.0.11 (2009-03-04)

- Added support for labeling so that the device can easily be identified with a user-programmable string

2.0.10 (2008-03-03)

- Fixed problem where the device tried to transmit a PGN before it had acquired a node address

2.0.9 (2007-08-30)

- Corrected a problem with programming of installation offset

1.10.2, 2.0.2 (2006-01-31)

- Support deviation for calibration ignoring accelerometers ("No Acc") for calibration on large vessels

1.10.1, 2.0.1 (2005-10-03)

- Send sequence of headings 0 degrees, 90 degrees, 180 degrees, 270 degrees for one second each after successful magnetic deviation calibration

1.10.0, 2.0.0 (2005-09-09)

- Added support for OEM product versions
- Updated supported NMEA 2000 protocol version to 1.2
- Added support for inverted and backwards installation

1.9.2 (2005-07-14)

- No user-visible changes (manufacturing improvements)

1.9.1   (2005-07-07)

- No user-visible changes (manufacturing improvements)

1.9 (2005-05-13)

- Added ability to configure rate of transmission of NMEA 2000 messages
- Added support for 40Hz operation on NMEA 0183
- Added ability to report status of magnetic deviation
- Added ability to perform rate of turn zero offset calibration
- Correct the automatic selection of magnetic variation sources when multiple are available

1.8 (2005-03-11)

- Added the capability to have NMEA 0183 sentences enabled or disabled from a DSM200 or DSM250 display
- Added ability to automatically receive magnetic variation from either NMEA 2000 or NMEA 0183 interfaces
- Fixed a heading error when heading changes between 180 and 179 degrees
- Added the capability to be programmed with a manual magnetic variation entry for use when no variation data is available from other devices
- Changed to always use the best quality source of magnetic variation when multiple sources are available
- Changed to not require a checksum on received NMEA 0183 sentences
- Updated supported NMEA 2000 protocol version to 1.111
- Changed averaging periods on rate of turn and heading

1.7 (2005-04-02)

- Modified NMEA 0183 sentences HDG,HDM,HDT to add leading zero to all heading related fields so that they display in the "xxx.x" format
- Made the NMEA 0183 sentences VTG and RMC backward compatible to NMEA0183 2.01 (ignore mode indication field if this field does not exist)
- Made the NMEA 0183 device identifier programmable

1.6 (2005-01-21)

- Initial public release

Online URL: https://www.maretron.com/support/knowledgebase/phpkbv7/article.php?id=423