AIRMAR® Technical Advisory

Product: DST800, DT800, P79, P39, B122, ST800 and ST850

Advisory Summary: Enhanced Firmware for NMEA 2000® Smart™ Sensors

Distributed to: OEM's and Distributors

Advisory Details:

Effective December 13, 2010
All NMEA 2000® transducers will be released with firmware version 1.022.

The following additions/changes will be incorporated in all models including the DST800, DT800, P79, P39, B122, ST800 and ST850.

- Allow programming and saving in EEPROM of the temperature instance in PGN 130312.
- Fixed reset of User EEPROM to NOT reset total distance parameter, just trip distance since last reset.
- Modified 126208 acknowledge PGNs to report error codes that are more meaningful and added error codes that were not previously reported.

The new release also includes the following additions/changes recently released in firmware version 1.019.

- Water temperature resolution will read to 0.01 if the instrument is capable of displaying to the hundredth degree.
- Trip Reset Log—whenever a trip reset is performed in the display, the trip log will be set to zero and will be saved internally in the transducer.
- Proprietary Speed Pulse Count PGN has been modified. See specification for details if your display uses Airmar's proprietary Speed Calibration method.
- All Airmar Smart sensors will now use the NMEA 2000® Database release Version 1.30.
- NMEA 2000® temperature PGN 130312 has been added. PGN 130311 is enabled by default in the sensor.
- PGN's 130310 and 130312 are off by default.
- In the Speed PGN 128259, the speed source field has been set to "paddlewheel".

If you have any questions, please contact your Airmar sales representative at 603-673-9570 or email sales@airmar.com

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