PEL 105 – Release Notes

v1.3/1.05 – 05/16/2018

(Version 1.3/1.05) 05/16/2018
Fixed a bug were the logger did not properly handle 4GB file limitation.
Disabled the SD-Card reset operation as it could cause other conflicts in the code.
Corrected an issue where the recording start time written to the recording configuration file was not correct. It was up to five seconds before the recording started.
Fixes a bug where record data types (1s trend and 1s harmonic trend) can exceed 4GB which results in the file size being reported incorrectly.
Added code to retry (up to 10 times) flash memory read operations if the page read failed.
Fixed issue with a false startup of the microprocessor which was seen in rare occasions
Added code to prevent the overwriting of the config.dat file (which can happen with earlier code).

(Version 1.3/1.04) 04/25/2017
Fixed a bug in the code that prevented the reset of the network interface chip.
Added a configuration register for language code.
Changed the default Bluetooth name from "PEL 105" to "PEL105" (removed the space).
Replaced some hard coded values with enumerated ones.
Fixed a bug where only half of register area 0xED00 was being saved to EEPROM.
New SD-Card status to blink the green LED once per second if not recording and not enough space for recording duration.
Modified the DSP measurement monitor to reset the DSP calibration parameters after 30 seconds of not 50/60 Hz flag toggle.
Modified the Bluetooth scan to support both iWrap 4 and iWrap 5.
Added code to cause a DSP measurement process reset if the 50/60Hz flag has not toggled in the last five seconds.
Improved the sending of data to the IRD Server through Wi-Fi.

(Version 1.2/1.03) 05/12/2016
Initial release of the PEL 105