Mercury LUX Firmware 1.2

Changes:
- Compatibility with updated Mercury LUX PC Software 1.2.

Cooling Fans and change Antennas Output are controllable from the PC Software v1.2.

- Voltage Bias sequence between Band Data and RF Decoder to improve CW switching.

Improvements:
- Full Break-In (QSK) operation detection algorithm.

To protect the longevity of the antenna relays, the LUX has an algorithm that detects Full Break-In operation, due to the short delay in Semi Break-In of some transceivers, the protection was reduced to avoid the cutting of some characters from the message.
Note: This enhancement now makes a CW transmission without character breaks but does not allow Full Break-In QSK operation.

- Alarm Algorithm watchdog.

Alarm sequencing and detection has been improved, making the amplifier safer, monitoring possible problems that may arise to avoid or minimize hardware fails if there is a user operation error.