Readme file for the Sudden Storm & Rexwood 1000W kits

The only difference between the Sudden Storm and Rexwood 1000W kits are the labels on the cans and what crystals are supplied with the kit. The Rexwood 1000W is supplied with an additional 7.0475 crystal for monitoring the 40m signal of W1AW. Both kits use the same Sudden Storm printed circuit board.

The version number of the Sudden Storm printed circuit board is found in very small type located in between the two control pots. The current Builder's Guide was generated for the version 4 pcb. Minor changes have been made in version 5 & 6 circuit boards. Here is a synopsis of the differences.

Version 4:
A trace and a pad were too close together for comfort creating a short between them. V4 Builder's Guide showed a trace cut and resistor relocation mod to fix the problem.

When installing the two control pots, a small foot on the pot frame can short to a pad for the optional soup-up pot and thereby short some signals to ground. A mod was shown to bend the feet out a little to avoid the shorting action.

The board was accidentally specified as red instead of the traditional blue.

Version 5.
Shorted trace & pad were separated so no mod is required.

Version 5 boards were back to being blue.

The component locations were spread out in order to make assembly easier.

Pot frame shorting problem uncorrected so pot feet spreading mod still needs to be performed.

Version 6. (current pcb)
Soup-up pot pads moved forward to clear the regular pot feet so no shorts occur when mounting the regular pots. No mods required.

ENJOY!
W1REX