



Technical Support

TECHNICAL NOTE

Technical Note TN-891-SR

TB8100 PMU Software Version 2.01

7 July 2004

Version 2.01 of the PMU software includes changes required to support the 48 volt version of the PMU.

Changes included in this software release:

The software now supports the 48 volt PMU

Issues Fixed in this Release:

| Tait Reference | Headline |
|----------------|--|
| TIMS00030718 | Upgrading PMU firmware 96.36 from 96.34 gives false successful report |
| TIMS00030746 | PMU - Fan led does not go green during fan test |
| TIMS00030547 | Standby Converter not being detected in DC < 12v |
| TIMS00030651 | Tidy up #pragma asm commands |
| TIMS00030655 | Sending fan status report to reciter watchdogs if reciter not present. |
| TIMS00018839 | Alarms: Fan faults not detected during power up |
| TIMS00028077 | PMU 48v: can't measure / set values > 64v for battery volts. |
| TIMS00027674 | PMU Fail UL/CSA because not over temp protection. |
| TIMS0002736 | PMU: Output glitches of on start-up when DC powered |
| TIMS00029009 | CCTM: Read and Write Firmware Update Date for Reciter, PA and PMU. |
| TIMS00028692 | Incorrect implementation of PMU low battery shutdown |
| TIMS00029313 | PMU: Add dshell command to blank PMU eeprom |
| TIMS00028739 | PMU calibration unreliable |

Known Limitations with this Release:

| Tait Reference | Headline |
|----------------|---|
| TIMS00020140 | D3.05 New signal path characteristic option |
| TIMS00030738 | PMU Does Not Always Power Up |

Installation Information:

Copy the PMU software version 2.01 into the Firmware Files directory of the TB8100 Service Kit.

Upgrade the software in the PMU as per the normal software upgrade procedure

Compatibility:

Products this Software is approved for inclusion in:

TB8100 Product CD
TB8100 PMU

Hardware compatibility:

PMU HW version: 00.00 and 00.01

Software compatibility:

PMU bootloader: 01.00
REC SW version: 02.00

Issuing Authority

Name and Position of Issuing Officer

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Distribution Level Associate

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