

NOAO

ENGINEERING CHANGE ORDER

BOARD NAME <u>TORRENT Power Supply Board</u>	ECO# TRNT-014	DATE <u>22MAR11</u>
BRD SERL# <u>005-016</u> REV <u>A</u>	ART# <u>ALL PSM rev A</u>	
PN# _____ REV _____	_____ REV _____	
ASBLY# <u>TRNT-EL-04-0001</u> REV <u>A</u>	PCB# <u>TRNT-EL-04-1001</u>	REV <u>A</u>
BOM# <u>TRNT-EL-04-4001</u> REV <u>A</u>	SCH# <u>TRNT-EL-04-2001</u>	REV <u>A</u>
COGNIZANT ENGR <u>Ron George</u>	CHARGE# _____	

REASON FOR MODIFICATION:

Resolves issues discovered during debug

DRAWINGS AFFECTED:	NEW REV
TRNT-EL-04-2001	A1
MNSN-EL-04-4001	A1

DESCRIPTION OF MODIFICATION:

1. Remove: R78, R170, D2, D5, D7, D15.
2. Install: R79 = 0 ohms.
3. Change: R70, R41, R101, R3, R174, R150 = 165K
4. Change: R76 = 21K, R77 = 9.31K, ~~R93 = 36.5K.~~
5. Change: R131 = 33.2K, R48 = 13.7K.
6. Change: R135 = 511K, R133 = 383K, R153 = 11K.
7. Change: ~~R161 = 120K,~~ R159 = 383K, R152 = 2.05K
8. Change: R34 = 240K
9. Lift: Pin 8 of U42 and Wire to VinP.
10. Change: R21 = .010 ohms.

Note: R135 is 510K dms

Items with a double strike out were reverted back to original values in TRNT-018 and should not be changed. dms