

NOAO

ENGINEERING CHANGE ORDER

BOARD NAME <u>Local Control Board (LCB)</u>	ECO# TRNT-024	DATE <u>4/18/2011</u>
BRD SERL# <u>All Rev A boards</u> REV _____	ART# <u>TRNT-EL-07-0002</u>	
PN# _____ REV _____	REV _____	
ASBLY# <u>TRNT-EL-04-0002</u> REV <u>A1</u>	PCB# <u>TRNT-EL-04-1002</u> REV <u>A</u>	
BOM# <u>TRNT-EL-04-4002</u> REV <u>A2</u>	SCH# <u>TRNT-EL-04-2002</u> REV <u>A1</u>	
COGNIZANT ENGR _____	APPROVD _____	

REASON FOR MODIFICATION:
 Remove undo stress on U37
 Add flexibility to grounding & shlding
 Ease interference of TSM present connector with actual switch
 Combine and incorporate ECOs into PCB artwork

DRAWINGS AFFECTED:	NEW REV
TRNT-EL-04-0002	B
TRNT-EL-04-1002	B
TRNT-EL-04-2002	B
TRNT-EL-04-3002	B
TRNT-EL-04-4002	B

DESCRIPTION OF MODIFICATION:

1. Incorporate all items of TRNT-017 to pcb
2. Remove pin U37-2F from ground and leave floating
3. Change holes for case, cage leads on J8, J9, J10 to plated, add trace connecting the 3 cases together. Continue connection to Pin 1 of JP1
 On all Rev A Boards a connection shall be made, using best practices, between the cases of J8, J9 and J10. Connection to P1-56 may or may not take place during implementation.
4. Connect Pin 2 of JP1 to P1-56 AFE_SHIELD
5. Reposition J13 (TSM present SW connector) down further away from switch to eliminate interference with switch leads.

This section to be completed by reviewing authority			
Review Date:		Reviewer(s):	
Disposition:	<input type="checkbox"/> Approved	<input type="checkbox"/> Denied	<input type="checkbox"/> Request Additional Information