



Big Bend Model Railroad Association

T-Trak Module Certification Checklist

Module Name: _____ **Module Owner:** _____

Module Scale: _____ **Date Module Built:** _____ **Module Size:** _____

1. Mechanical Certification	
Item	OK
Module scratch (S) built, or kit built (K): _____	
Module physical dimensions correct	
Module frame square (horizontal/vertical)	
Joints securely fastened	
Appropriate materials used to build	
Good construction practice used with finished look	
Module frame painted correct shade brown	
Feet adjustable – 2-3/4” to 4”	
Leveling screw accessed from the top (T) or from the bottom (B): _____	
Feet are securely attached to module	
Skyboard dimensions in standard	
Skyboard painted correct shade front & back	
Skyboard has 1/8” clearance on each end of module	

2. Track Certification	
Item	OK
Type/brand of track used	
Brand/size of turnouts used	
Insulating blocks at crossovers	
Insulating blocks at Private tracks	
Electrical gaps 4 rails at turnout frogs	
Track ballasted	
Flangeways clear of ballast	
Track spacing from module skyboard	
Spacing between tracks	
Track spacing from module ends	
Curved track radius	
Track gauge — public tracks	
Track clearances — Via NMRA Standards Gauge	

3. T-TRAK/Common Wiring Certification									
Item	Red	Yellow	Black	Blue	White	Green	Brown	Note	
Wiring present									
Wiring meets minimum gauge									
Feeder wires present									
Feeder wires extend a minimum of 12” beyond the rear of the module base									
Wiring connected to track				N/A	N/A				
Wiring connected to connectors									
Wiring connected to accessories	N/A	N/A	N/A						
Accessories bus fuse installed/ ampere rating:	N/A	N/A	N/A						
Appropriate electrical devices for Acc. Bus	N/A	N/A	N/A						
Accessory devices operate properly	N/A	N/A	N/A						
Connectors at correct module ends									
Connectors color coded									
Wires firmly fastened to underside of module									
Polarity correct at track (BWVB)				N/A	N/A				
Polarity correct at both connectors (BWVB)				N/A	N/A				
Continuity check OK				N/A	N/A				
General appearance of wiring									
No exposed wiring/connections									
All connection soldered/screwed/crimped									

Note that any 120VAC wiring is prohibited on any module. Presence of 120VAC wiring is a Module Certification failure.

4.	Private Wiring Certification	Item	OK
		Wiring diagram attached to rear of skyboard	
		Local control of NTRAK main lines	
		Local control operates correctly	

5.	Scenery Certification	Item	OK	Item	OK
		No bare plywood		Scenery consistent with theme of module	
		No scenery damaged		Buildings consistent with theme of module	
		No buildings damaged		Scenery material does not interfere with operation	
		Building construction complete		Scenery material anchored to module, cannot move onto tracks	

6. Notes

Classification: _____ **Inspection by:** _____ **Inspection date:** _____

Instructions

- Check each item on the check list sequentially in the order listed.
- For compliance simply place a check mark (√) in the appropriate box on the form.
- For total absence of an item, simply write “no” or “n/a” in the appropriate box on the form.
- For non-compliance, enter a number (sequential numbers for more than one item of non-compliance) in the appropriate box on the form, and, using the same number as reference, write an explanation of the non-compliance in the “Notes” section (Section 6) on the form. This provides a full explanation to the module owner of the item(s) of non-compliance.
- When complete, copies of the check list should be given to the module owner and the Club Secretary. The module owner can then use the form as proof of Certification or as a list of items that need to be corrected. The Club Secretary will use the form for updating the list of certified modules. The original will be retained by the Standards Committee as record of the Certification.