NMRR Module Checklist

Module Name _____

Module Owner/Mayor _____

Date of Inspection _____

Standards Committee uses this form to conduct module inspection. Give the completed form to the Module Owner/Mayor when completed.

‘ **Ntrak Standards**

‘ Interface Profile	‘ Interface Thickness	‘ Table Height	‘ Table Adjustment
‘ 2 C-Clamps	‘ Track Alignment	‘ Track Setback	‘ Length ±¼"
‘ Electrical Check	‘ Power Strip/Molded Cord	‘ _____	‘ _____

‘ **ST 2 - Track Gauge**

Track gauge of "common" tracks (red, yellow, and blue lines) shall correspond to gauge and minimum flangeway standards incorporated in the NMRA N Scale Standards Gauge. Unless damaged, Peco Finescale track products are deemed to fulfill this requirement.

‘ **ST 3 - Turnouts** ‘ Waiver Required/Approved

Main and branch line turnouts shall be of solid or "live" frog construction. Insulated frog crossovers are acceptable. For privately-owned modules constructed prior to August 24, 1991, or prior to the owner's membership in NMRR, this ST may be waived by a simple majority vote of the Regular Members present at any business meeting.

‘ **ST 4 - Clearances** ‘ Waiver Required/Approved

Lateral clearance of structures along the main and branch line right-of-way shall correspond to lateral standards incorporated in the NMRA N Scale Standards Gauge unless otherwise waived. Vertical clearance shall be sufficient to allow passage of double-stack intermodal equipment and piggybacks (approximately 1.75 inches or scale 23'4" above the railhead). The “Modern Clearance Gauge” available from *NTRAK* may be used to check this dimension.

‘ **ST 7 - Ballast**

A 50-50 mixture of Woodland Scenics #74 and #75 (Fine Light Grey and Fine Grey) or equivalent shall be applied to all ST6 connector tracks constructed after April 1, 1994. All Club-owned modules constructed or ballasted after this date shall use the standard ballast color throughout, or incorporate a transition to the standard ballast color at each interface end. Existing connector tracks and Club-owned modules shall be upgraded to this standard by November 1, 1995.

‘ **ST 8 - Club Modules**

The following RPs (Recommended Practices) shall be treated as STs with regard to club owned and club maintained modules:

RP 1 - Track	RP 3 - Weathering	RP 6 - Skyboard Height (w/exceptions)
RP 7 - Skirting	RP 9 - Mainline Turnouts	RP 12 - Scenic Treatment at Interfaces
RP 13 - Sneeze Guards		

‘ **RP 1 - Track**

Peco "Code 55" Universal Finescale track is recommended for all permanent main and branch line construction. Connector tracks

need not conform to this RP. Rail sides should be painted to represent in-use track as seen on the prototype.

‘ **RP 3 - Weathering**

Module owners/constructors should paint and weather structures to represent in-service buildings, tunnels, etc.

‘ **RP 5 - Switching/Operation**

Each module should incorporate some switching possibility on the branch (blue) line and include provision for "hands-off" uncoupling of Micro-Trains (Kadee) couplers on the siding or spur.

‘ **RP 6 - Skyboard Height**

Recommended skyboard (backdrop) height is 14" above the rail head (54"±1" above floor).

‘ **RP 7 - Skirting**

Recommended skirting is a "Harvest Gold" cotton/polyester attached with hook-and-loop (Velcro) fasteners or thumb tacks (module owner-provided). The Club logo may be silk screened on the skirting at the approximate center. The module name should be printed in indelible ink on the back side of at least one corner of the skirting.

‘ **RP 9 - Main Line Turnouts**

No more than one facing-point mainline turnout should be installed per each 2 ft. of module for each direction of travel on each main line (Red, Yellow, Blue). Normal traffic flow should be via the "straight" leg of the turnout.

‘ **RP 11 - Ballast**

Module owners should apply ST 7-compliant ballast to each end (2-4 inches) of all "community property" trackage, allowing a suitable blending transition to the module's selected ballast color.

‘ **RP 12 - Scenic Treatment at Interfaces**

Scenic elements including terrain, foliage, and background scenes should be brought to baseboard/backdrop level in a natural and aesthetically pleasing manner at each end of each module (extreme ends of multi-part modules); NO PLYWOOD CLIFFS! Baseboard level is defined as interface railhead level minus the thickness of track and roadbed (1/8 " to 1/4"), extending from 4" in front of, to 20" behind the Red Main centerline at the interface. Backdrop level is defined as 20" behind the Red Main centerline at the interface extending vertically from the baseboard level to a point 14" above the railhead.

‘ **RP 13 - Sneeze Guards**

Module owners are encouraged to add clear plastic "sneeze guards" to the front edge of each module. Sneeze guards should rise a maximum of 8" above the railhead and protect the entire front lateral portion of the module. Modules which have an extended front should have wrap-around sneeze guards to protect the scenery adjacent to the bare-edge portion of the interface.

‘ **MODULE CERTIFIED** ‘ **MODULE NEEDS WORK**

Inspector _____