

**Thoroughbred Limited 2015 NMRA MCR  
Convention  
Clinic Schedule – V25  
(Clinics numbered alphabetically by last name in time slot)  
5/8/15**

**Thursday Afternoon 3:15PM – 4:30PM**

**17. Bob Dawson; The Arbegust Branch, a railroad you can model;**  
History and operations of this 1.3 mile PRR industrial branch of the PRR serving multiple distilleries and cigarette factories in Louisville, KY. Ideas on how to model this switching district, either freestanding or as part of a larger model railroad.

**Thursday Evening 6:30PM – 7:45PM**

**4. Bob Belt; SMD LEDs - Where to use for Practical Lighting;**  
Surface mount device (SMD) sizes, tools for wiring and illustrations of a variety of applications for structures, rolling stock and steam & diesel engines.

**7. Mike Brestel HLM; C & O Coal Branches in West Virginia;**  
This clinic covers the history, operations, equipment, and scenery of the Chesapeake & Ohio's West Virginia coal branches (called Sub-Divisions by the railroad) from the 1940s through the 1980s.

**41. Ron Morgan; Modeling the Walthers Ethanol Plant - Sounds Corny;**  
Discussion of the process involved in ethanol production and the processing to produce the distillers dried grains with soluble and solids byproducts. What services a railroad provides. Modeling using the Walthers ethanol kits and the space required on the layout.

**Thursday Evening 7:45PM – 9:00PM**

**8. Mike Brestel HLM; Operations on the Nicholas, Fayette & Greenbrier Railway;**  
The not-so-big Nicholas, Fayette, & Greenbrier Railway was the property of the two giants, the C&O and the NYC. Born as a collection of lumber lines, the ICC turned the properties over to the big guys in 1929. The NF&G served into the 1970s moving both lumber and coal from the mountains of its three namesake counties to interchanges with its mighty owners, and parts of it are still active today for the NS and CSX. This clinic looks at the history operations, motive power, and scenery of the line from the 1940s until the present day.

## **Friday Morning 8:00AM – 9:15AM**

### **14. Randy Coffman; So You Want Square Corners (Mfr);**

Inspiration, The Right Clamp ©, how to use it, the family of clamps, and a glossary of resin and non-resin kits.

### **41. Ron Morgan; Modeling the Walthers Ethanol Plant - Sounds Corny;**

Discussion of the process involved in ethanol production and the processing to produce the distillers dried grains with soluble and solids byproducts. What services a railroad provides. Modeling using the Walthers ethanol kits and the space required on the layout.

### **52. Al Westerfield MMR; History & Modeling a Specific Area of the Bronx EL;**

After 30 years of manufacturing freight cars from the 1895-1930 period, I'm returning to my youth by modeling where I grew up: the Bronx, New York elevated IRT Pelham line in the Spring of 1948. As far as I know this is the first attempt ever to bring prototype modeling of a specific time and place of rapid transit modeling. The research methods and construction techniques will be discussed in detail. Most are applicable to any style model railroad.

## **Friday Morning 9:15AM – 10:30AM**

### **30. Dan Kennedy; Scratch Build Basic Oxygen Furnace (BOF);**

The model will measure 6 feet long, 36 inches high and 30 inches wide. It will have 2 furnaces and will have a detailed interior. The clinic will take you the process of planning and building this large structure with pictures capturing the progress along the way.

### **31. John Listerman; Painting Backdrops for Model Railroads;**

To give the attendee a better appreciation of how background scenery could enhance the overall appearance of their model railroad, thereby increasing their enjoyment of the hobby. To familiarize the modeler of the materials needed and techniques they might use to enhance the realism of their railroad.

### **49. Mark Underwood; JMRI 101: Connecting Your Computer to Your Layout;**

How to hook up the computer to the layout and the initial JMRI set up - Part 1 of a series under development.

## **Friday Morning 10:30AM – 11:45AM**

### **5. Charles Bogart: L&N Railroad & the Distilleries;**

Kentucky distilleries historical rail relationship and interface with the Louisville & Nashville RR by a KY historian, author and lecturer.

### **6. John Bowling; Building Craftsman Dioramas - Wristley Papers;**

A one industry mill village during the mid 1930's. The village is near a single track main line that follows the river that also gives access to water power. Initially powered by water by the time of the depression: coal, oil and electricity were most likely the primary energy sources.

### **32. John Listerman; Drawing in Perspective;**

To give the attendee a better understanding of how perspective and forced perspective play a role in giving a model railroad a sense of believability in the limited space that the modeler has available.

### **44. John M. Smith & Ron Sturgis; JMRI with PanelPro - dual presenter w/display;**

Use the free JMRI PanelPro software to turn your PC monitor into a full-function dispatcher's panel.

## **Friday Afternoon 12:45PM – 3:15PM (Double)**

### **9. Richard Briggs MMR, Bob Fink MMR, Gary Burdette MMR; Building with the Masters (Extra Fare);**

Make and take a laser structure kit with step by step assistance and a look at making sub-assemblies.

## **Friday Afternoon 12:45PM – 2:00PM**

### **45. Steve Studley; Highball to Indy, 2016**

See what there is to do in and around Indianapolis. Indy is family friendly with many attractions and restaurants within walking distance of the convention hotel. A preview of layouts and prototype tours will be presented. You'll also learn about Indiana railroads of the past and existing railroad museums in the Central Indiana Division.

### **50. Robert Weinheimer MMR; Getting Started in Operations;**

Topics include setting an era and location, designing a car fleet, developing a train schedule and dispatching systems.

## **Friday Afternoon 2:00PM – 3:15PM**

### **21. Jim Foster; A Philosophy of Portable Layouts;**

Everyone has room for a layout: to illustrate how portables can help those with limited space. HOn30.

### **46. Ed Swain; Using Low Profile Buildings as a Background – One;**

Expanding the layout's perspective by using kits and various materials.

**51. Robert Weinheimer MMR; Operations on the Pennsylvania Southern;**  
The Pennsylvania Southern is a freelance layout set in 1980 in western Pennsylvania. The clinic will focus on layout operation including a layout overview, scheduling, dispatching, and supporting paperwork

## **Friday Afternoon 3:15PM – 4:30PM**

**24. Bob Frankrone; Operations on the Louisville Southern Lines;**  
If you think you can't operate your layout...think again. In this clinic, Bob discusses how he transformed his LSL layout into an operating layout long after it was designed and built. He presents a short history of the layout; describes the cities, towns and industries; and diagrams the LSL route map. Bob explains his requirements for model railroad operation, the constraints his layout poses, and the mechanics of an operating session on the LSL.

**26. Charlie Getz HLM, NMRA President; NG Freight Car Foibles - slide show;**

The 'Foibles' illustrates some practices in the narrow gauge world of interest to all model railroaders. From car coloration to operating practices, there is something for everyone, hopefully presented in an entertaining manner.

**27. Phil Gliebe; All Critters Great & Small;**

A discussion of building narrow gauge industrial locomotives in HO and O scale using conversion kits, and N and HO mechanisms. Applications include various industrial operations, including quarry, mining and logging operations.

## **Friday Evening 6:30PM – 7:45PM**

**11. Gary Burdette MMR; Modeling Steam Locomotive Coaling Facilities;**  
The clinician will discuss how to build concrete, wood, and metal coaling facilities by Ogle, Fairbanks-Morse, and Roberts and Schafer.

**25. Charlie Getz HLM, NMRA President; Meet the Prez;**  
An opportunity to get up front and personal with the President of the NMRA.

## **Friday Evening 7:45PM – 9:00PM**

**10. John Burchnall; Engineering Secrets of the Eastern Loggers;**  
See useful techniques engineered by the Eastern Loggers to create their photogenic sectional HO/HOn3 layout depicting PA Logging in the 1920's. Including interesting pioneering features on Layout Connections, Ease of Construction and Operation, Portability and Appearance.

**12. Gary Burdette MMR; Modeling Appalachian Mining Complexes;**  
Mining facilities are a 'complex' arrangement of buildings, shanties, lean-tos, etc. Various kits and techniques are discussed to allow the modeler to simulate a mining scene.

## **20. Bob Fink MMR; Building a Turntable;**

The evolution of the railroad turntable from the early balanced designs through the split beam modern versions. A concise coverage of actually building a motorized table of any length desired including diagrams and material lists.

## **Saturday Morning 8:00AM – 9:15AM**

### **1. Gerry Albers; Design & Prepare a Railroad Room/Basement for Operations;**

Building and operating a model railroad is like painting a room: thorough preparation makes the job go easier and increases the potential for success. Topics in this clinic include guest and construction material entry, waterproofing, wall finishing, ceiling and lighting, electrical wiring, utility placement, crew lounge design, dispatcher's office design, and even a future elevator. Regardless of the size or location of your basement (garage, pole building, etc.), regardless of where you are in the building process, these tips and techniques will make your current/future operating sessions hospitable, pleasurable, and satisfying.

### **13. Gary Burdette MMR; Modeling Wood and Brick Freight and Passenger Stations;**

Clinician will show how to construct board-and-batten, clapboard, and brick buildings in wood, card, and plastic, with kit-built, kit-bashed, and scratch-built examples from several modelers.

### **29. John Gorman; Locomotive Speed Matching Using Electronic Speedometer (Mfr);**

Whenever you MU two or more DCC engines it is important for those engines to be speed matched. This can be done in several different ways; however, the easiest and most accurate is to use an electronic speedometer to map the engine speed at specific throttle settings then adjust the necessary CVs to bring the loco speeds as close as possible to your standards. This clinic will show you how to achieve this task.

## **Saturday Morning 9:15AM – 10:30AM**

### **2. Gerry Albers; Design & Build a Layout;**

My layout will never be "finished". Design and construction is still on-going after 13 years. This clinic starts where I did: with "druthers" (I'd rather...) and railfanning. It then touches on design tools and techniques including Computer Aided Design (CAD), construction tips, numerous examples and lessons learned. Regardless of where you are in the construction process, there are plenty helpful ideas that can be applied to your own situation.

### **19. Bob Fink; Small towns & Railroads;**

The same elements that got most early railroads started make a good starting point in getting a model railroad into realistic operations. We'll look at those elements and see how to make use of them.

### **33. Terry Luginbuhl; DCC Configuration Variables;**

NMRA defined "standard" configuration variables. If you aren't modifying CV's to fine tune your locomotives, you're missing out on 90% of the "DCC" advantage.

## **Saturday Morning 10:30AM – 11:45AM**

### **3. Gerry Albers; Signal a Layout (live demo layout);**

This clinic, coupled with a live demo, describes a signal system that uses common spreadsheets to control simple block, ABS, APB, and CTC signals, as well as complex interlockings. Signals By Spreadsheet (SBS) is based on lessons learned by the presenter from developing the signal system for Allen McClelland's original V&O, the first computer-based model railroad signal system. It is an integrated hardware and software system that is designed for the "average" model railroader.

### **18. Bruce DeMaeyer; Building a Modern Snow Shed to Prototype Design in N scale;**

Description of the steps taken to build a GN prototype snow shed modeled after the actual sheds still being used by BNSF in Glacier National Park. The details of building the surrounding mountain side, mountain stream, waterfalls and slide runout into the stream will also be presented. A high level description of the modern N scale layout will also be included.

### **34. Terry Luginbuhl; Decoder Pro, Connecting and Using;**

Current NMRA standards show 1024 individual CV's available. Want to learn about a free software program that will manage them for you? I will give you the information necessary to connect to your DCC system and examples of how to use the program to manage your decoder/locomotive fleet.

### **47. Ed Swain; Using Low Profile Buildings as a Background – Two;**

Expanding the layout's perspective by using kits and various materials.

## **Saturday Afternoon 12:45PM – 2:00PM**

### **22. Jim Foster; Improving Your Layout With Vehicles & Trash;**

A knowledge of vehicles and the trash that people have can dramatically improve the realism of your layout.

### **23. Bob Frankrone; Open loads - Commercial & Scratch;**

Bob's open loads clinic has been given a "face lift" with plenty of new pictures and modeled loads. A real crowd pleaser, this clinic appeals to the beginner as well as the seasoned model railroader. Learn how to create interesting loads using commercially available products and kits. If you enjoy open loads, you will not want to miss Bob's clinic.

### **35. Terry Luginbuhl; DCC Installs with Sound;**

Discussion of sound decoder types and shapes, and speaker types and shapes. A look at chassis' and removing or modifying weights to create space. Tender installs and the extra wiring required.

### **38. W. Allen McClelland HLM MMR; The V & O Today;**

The Virginian & Ohio RR is currently operating in conjunctions with Gerry Albers' Virginian Railway Deepwater district. The NYC and the V&O share trackage rights along the North side of the Kanawha River from Gauley WV to the Ohio River. This is the V&O's K&M subdivision. At the small town of Alloy WV, the V&O has a coal mine and a coal dock for barge loading and several industries to be switched and interchange with the VGN and C&O.

## **Saturday Afternoon 2:00PM – 3:15PM**

### **28. Phil Gliebe; Designing Small Shelf Layouts for Operations;**

Step-by-step design of layouts that provide realism and interesting operations.

### **36. Terry Luginbuhl; The Mysteries of Consisting;**

Ever wonder what happens when you create/break consists? What methods the different DCC systems use to handle consists? I will share what I have learned about consisting and how to use it to your advantage. How do you "nest" a consist?

### **40. Mike Mereness; Coal Source of Revenue for Railroads;**

The clinic covers where coal is located and the quality of coal is located in the US. The economic impact hauling coal by the railroads. The ways of mining different coal will be covered. Historic Pictures of actual Coal Mines. Pictures of coal mine models both Scratch Built and Kit Built mines will also be covered.

### **39. W. Allen McClelland HLM MMR; Trendsetting: The V & O Story;**

The story of the Virginian & Ohio Railroad's Afton Division (1961-2001) and the Gauley Subdivision (2001-2008). Discussion the V&O RR's background, concepts, track planning consideration, computer designed bench work, construction techniques, lighting, staging and operation. Many excellent ideas for your model railroad.

## **Saturday Afternoon 3:15PM – 4:30PM**

### **37. Terry Luginbuhl; Helix How To's...;**

Have you built a helix? Are you planning on building one? Best practices and the geometry of the design BEFORE getting bogged down in the process. A little work on paper first can save you lots of time and aggravation.

### **48. Sam Swanson; Figures Large and Small;**

Conversion and painting techniques for O and HO scale figures are presented. Conversions covered including basic cutting-and-repositioning, using 1/48 military figure components, and sculpting with epoxy putty. Painting techniques are centered around using inexpensive craft-type acrylics to develop clothing and skin tones, as well as detailing and weathering with washes and dry brushing.