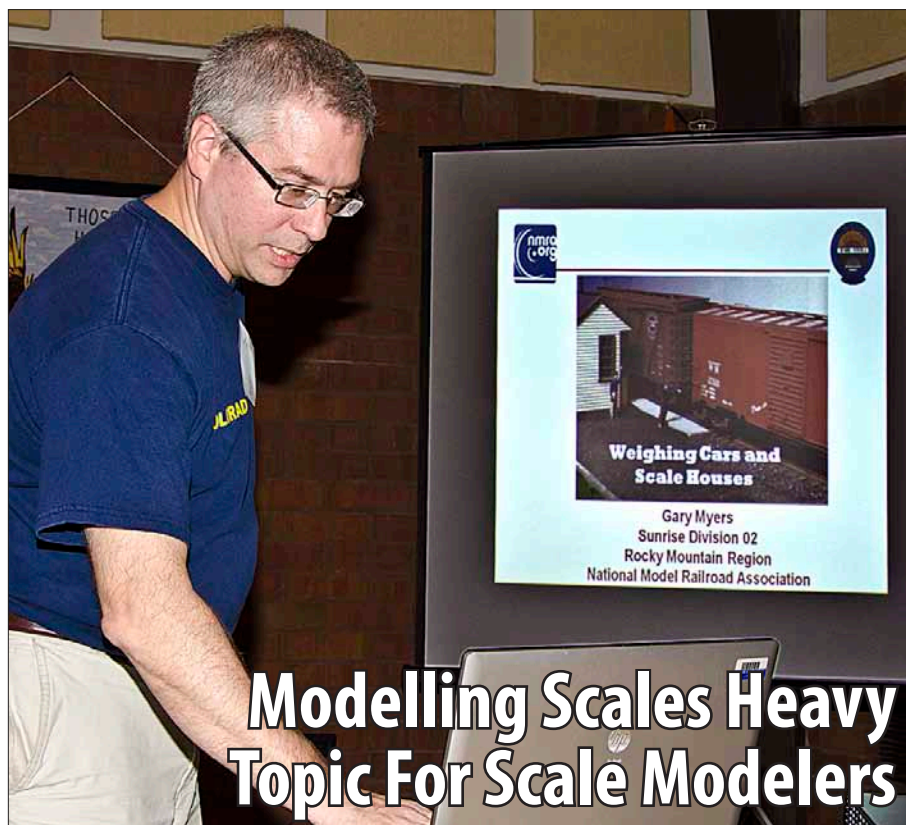




Sunrise Herald

October 2011

Volume 4, Number 10



Modelling Scales Heavy Topic For Scale Modelers

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Making money. That is the real reason a railroad exists, even though we modelers get a lot of pleasure watching them operate and attempting to simulate their work. It is moving freight and passengers that pays the bills, though, and Gary Myers's clinic at the September Sunrise Division meeting was devoted to one part of the process.

Much of the freight shipped by railroads is tariffed by weight. Ore, wheat, and coal shipment costs are based upon the total weight of the product, and early in their history the railroads built scales to weigh railcars. These scales were designed to handle massive tonnage; after all, even an empty car weighs several tons.

Gary began by describing those cryptic abbreviations found on the side of every rail car: CAPY, LD LMT, and LT WGT. The first, CAPY, is a guide to the maximum load capacity of the car. LD LMT is the

maximum weight that the car can handle, while LT WGT is the empty or tare weight of the car. Of course, the tare weight was subtracted from the measured weight; you could not expect the shipper to pay for the car weight, too.

Finally, there is the weighting date stenciled on the car. Cars needed to be periodically re-weighed and the LT WGT re-stenciled as the cars were repaired or had other weight changes due to normal wear. The exact scheduling was dependent upon the era, with more frequent re-weighing occurring further in the past.

After explaining the process, Gary then showed plans of early lever scales. Using a combination of levers, these scales transferred and transformed the weight of the car sitting on what were known as the "live rails" into a range that could be handled by a reasonably-sized

Continued Model Scale Clinic — page 2



Model Scale Clinic — from page 1

balance beam scale. Of course, there were limits to the weight that could be measured. Steam locomotives were far too heavy, so scales incorporated a set of rails that paralleled the live rails. These rails were used to carry the weight of the locomotive away from the live rails.

In the 1950s, railroads adopted a new technology called “load cells” which replaced the complicated lever system. Today, scales can measure moving cars, removing the requirement that a car to be weighed be spotted on the live rails, then uncoupled. Many of the lever-based scales were retrofitted with load cells.

Gary showed pictures of a scale that he built for his layout. He gave step-by-step progress shots of his work, finally showing how he installed it in his layout. He added that having a scale on his layout was not only an attractive addition to his scene but also added a welcome step to his operational scheme.

—SH

Top: One of Gary's scale houses from his layout is complemented by a scale test car brought by Stewart Jones. Bottom: Another scale house from Gary's layout, this model is fully detailed inside. In addition to the workers inside, you can see that the roof is being repaired by an army of workmen. (Photos by Tom Frerichs)



Division Data



Sunrise Division promotes and encourages model railroading from I-25 east to the Kansas border. We welcome all model railroaders, regardless of skill or experience, because our goal is to have fun.

The *Sunrise Herald* is a publication of the Sunrise Division of the Rocky Mountain Region, National Model Railroad Association.

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As Rich Flammini wrote in his introduction for the layout itinerary: "His layout and train collection is a *wow* that you'll truly enjoy. His sizable basement is the train room with o- and s-scale trains running. Add to that an impressive display of rolling stock and railroad memorabilia lining the walls, and you'll find plenty to keep your attention. If you have never seen the Coors Silver Bullet train, be sure to ask Larry to display it. It is really fun. Here's a guy who got his start with Lionel and never kicked the (scale) habit.

I couldn't have said it better, and I won't try.

Editor's Note: I was unable to take the tour because of a previous commitment. Fortunately, Gary Myers and Dick Hunter agreed to supply the photographs on this and the following two pages. I think you'll enjoy their work as much as they obviously enjoyed looking at the layouts. -SH



Large Scale Railroading Featured In Cotter Basement

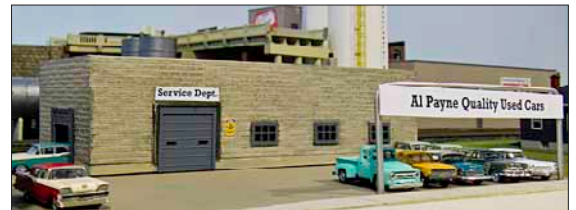


Flammini Layout Features Merit Award Winner

On the left is Rich's 3M Building model, winner of a merit award at the last Regional Convention, but his HO-scale layout offers more than a tribute to his former employer. Set in Chicago, one end of his layout features the beautiful station shown at the bottom of the page.

Also pay close attention to the used car lot shown below. The structure uses a product that Rich will be demonstrating at one of our upcoming division meetings.

—SH





Kerbaugh Offers a Lot of Railroad In a Small Space

Featuring an impressive amount of detail, John Kerbaugh's HO-scale railroad is located in his basement. John, pictured on the right in the bottom-right photograph, is justifiably proud of his fine modeling. His hours of work are readily apparent. Of

course, the Playhouse, built from an old barn, does feature dancing on Saturday nights, so John can take a break and trip the light fantastic.

You will also notice that Thomas the Tank Engine made an appearance. It may be that Thomas is stopping by on his way to the Colorado Railroad Museum, but I suspect that his presence was prompted by John's grandchildren.

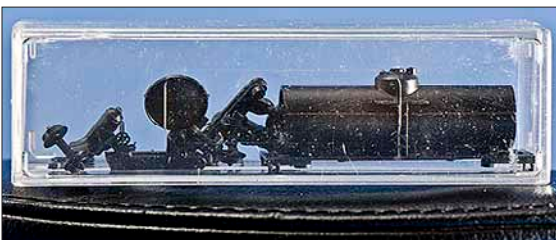
Thank you, John for sharing your layout with the Sunrise Division modelers.

-SH

Show & Tell



September Theme Was Tank Cars



Left From Top: Ken Gustafson was a good friend of Dick Hunter's, so the purchase of two Gustafson Brothers HO-scale tankers was no surprise. On the other hand, Dick did not know J.R. so the HO-scale Ewing Oil tanker of Dallas fame has no personal connection. The Republic tanker is a 1968 vintage Bachmann owned by Bob Hochstetter. It, too, has a sentimental connection: it was part of Bob's first N-scale train set, given to him by his wife as a Christmas present. Steve Schweighofer bought this Nn3/Z-scale tank car kit, still in its plastic box, designed and manufactured by Nelson Gray. **Right From Top:** These three HO-scale tank cars were brought by Bill Johnson. On the top is an American Beef Packers car with a Fort Collins, Colorado connection. Below that is a Tichy Trains styrene kit which compares favorably in detail to a brass model. The tanker that looks more like a box car is a Hood milk car. It had two glass tanks inside to transport milk, Bill likes it because he shares the same build date: 5-46. **Bottom:** First-timer Chris Bates brought this HO-scale Athearn tank car which he had just begun to weather.

(Photos by Tom Frerichs)



Membership Report



GARY MYERS — ACTING MEMBERSHIP CHAIR
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Renewals

The Sunrise Division appreciates receiving two renewals last month. We do not get any money, but we do get the members. Also, the NRMA does not send out renewal reminders. Remember, model railroaders are cheap! If you delay sending your renewal in, your membership gets derailed and your name disappears from the NMRA rosters. Never fear, I try to keep tabs on everyone, and I do not drop anyone from our Division roster.

Re-rails

I do not know if my appeals are working or somebody just forgot and sent in their renewal late, but at least our Division got one re-rail member this past month. I hope we get a few more, or Rich Flammini, as Region Promotions Chair and primary Region recruiter, may have me fired — at least as Acting Membership Chair.

Relocations

What is the attraction of life without a basement? I found that Michael Rose of Parker is now rebuilding his layout in his new home in Florida, so he is currently scratched from Sunrise Layout Tours until further notice. You can still check on Michael's progress at <http://www.gamrailroad.com>. All the best to Michael in hurricane alley, but really, shouldn't people be flocking to Colorado with all the quakes and floods these days?

Last Run

Due to complications following major heart surgery, the NMRA and the Sunrise Division lost fellow member David Roeder of Denver, Colorado. At least for the past several years, David had not been active with Sunrise Division, so few of us current members knew him, but we wish his family well and know he is at peace.

—SH



Your investment in the NMRA benefits not only you, but also the future of model railroading. Help make sure our hobby is strong.



GARY MYERS, SUPERINTENDENT

Sunrise 2011 Fall Layout Tour

I was sorry about the late notice and scheduling difficulties—a short week with the holidays and post convention week conflicting, but I still want to thank tour co-chairs Rich Flammini and John Kerbaugh for quickly putting together this tour. Unfortunately, our short notice to the members and a very busy September probably led to a smaller attendance than I had hoped for; but with other plans already in place this fall, it was necessary to hold the tour September 10.

This was a compact tour as all three layouts were within blocks of each other. For those of you able to make it, you were spared a lot of driving after you reached the first layout.

John Kerbaugh opened his HO-scale layout, which is virtually complete with a nice track plan and plenty of really well done detail. He recently completed a very impressive engine servicing facility to provide more operation. It is a great example of getting a lot of railroad while not taking up too much room in the basement, which is actually split into two caves — Man and Woman. The Man-Cave was nicely decorated in railroad paraphernalia, but John's wife Sherrill was not to be outdone with her own competing Woman-Cave set up for all her hobbies and crafts and with a full kitchenette.

Rich Flammini featured his HO-scale Dearborn Station layout under construction. It is about a third complete. If you have been to a Sunrise meeting, you have heard that it represents a June day in 1960 on the Grand Trunk Western. The final section of bench work, scheduled for completion this winter, will provide longer runs. Currently a portion of an earlier layout that is under glass allows continuous running. Several of the structures have been the subject of Sunrise Division clinics and entered in RMR judging at past conventions. Rich's perseverance has succeeded; his previous Honorable Mention structures have been joined by a Merit Award winning structure judged at the just completed Great West Rails 2011.

Rich Flammini's friend and new recruit, Larry Cotter, displayed a Super Man-Cave layout and train collection that is truly enjoyable. His sizable basement is the train room with No. 1, O-scale, and S-scale trains running. An impressive display of rolling stock and railroad memorabilia line the walls: artifacts, antiques, and even the Coors Silver Bullet train. The entire room brings out the magic of O-scale and Lionel. Larry is a member of the TCA, maybe he will give a look at the NMRA.

This was our second divisional layout tour of the year, and I'm starting to run out of layouts. I know a lot of layouts are in planning or under construction. If you are interested in opening your layout for an afternoon, let me know, and I will put you on the list for the next layout tour.

—SH



Focus on the Future



October Clinic On Starting Right

October's clinic will be presented by our own Richard Hunter and is entitled "Building the LC&JR." This is part of the back to the basement theme of clinics and covers the basic steps from unfinished storeroom to running trains, from preparing the room to building the layout to operation. Aimed at new modelers, this clinic will give you a good overview of getting started in building your model railroad empire.

You can expect a great presentation along with the Tool Time Tip segment and Show & Tell. We are looking forward to seeing you there.

And remember to join us at the meeting after the meeting at the Village Inn at Iliff & Chambers.

Division Meeting Place

Sunrise Division meets on the first Thursday of each month at 7:15 PM. The meeting is held at Holy Love Lutheran Church, 4210 South Chambers Road, Aurora, Colorado, which is located one block north of Quincy Avenue on Chambers Road. Check <http://www.trainweb.org/SunriseDivision> for the latest information.

—SH

Show & Tell Themes

When you submit a model for the show and tell, you automatically are entered into a drawing for a gift certificate from Caboose Hobbies in Denver.

October 6	Cattle Cars
November 3	Mine Related
December 1	Favorite Holiday Train
January 5	Snow Fighters
February 2	Engine Servicing Facilities
March 1	Turntables
April 5	Waterfront Structures
May 3	Logging Equipment

Upcoming Events

- ◇ *October 6, Sunrise Division Regular Meeting*, Holy Love Lutheran Church, 4210 South Chambers Road, Aurora, Colorado. 7:15 PM
- ◇ *October 8-9, Pumpkin Festival*, Georgetown Loop Railroad, Georgetown, Colorado
- ◇ *October 15, 30th Annual Model Railroad Exhibition*, Rampart High School, 8250 Lexington Drive (at Union Boulevard), Colorado Springs, Colorado
- ◇ *October 15-16, Oktoberfest Train*, Georgetown Loop Railroad, Georgetown, Colorado
- ◇ *October 15-16, 22-23, 2011 Peanuts Great Pumpkin Patch Express*, Durango & Silverton Narrow Gauge Railroad Train, Durango, Colorado
- ◇ *October 22, Beer & Bratwurst Train*, Georgetown Loop Railroad, Georgetown, Colorado
- ◇ *October 22-23, Oktoberfest Train*, Georgetown Loop Railroad, Georgetown, Colorado
- ◇ *October 29, Pumpkin Patch Train*, Rio Grande Scenic Railroad, Alamosa, Colorado
- ◇ *October 29, Train Show and Swap Meet*, Pikes Peak Division, NMRA, Trinity United Methodist Church, 701 North 20th Street, Colorado Springs, Colorado. 9 AM—3 PM. Admission: \$5, under 12 free.
- ◇ *October 29-30, Trick or Treat Train—Steam-Up Event*, Colorado Railroad Museum, Golden, Colorado
- ◇ *October 29-30, Oktoberfest Train*, Georgetown Loop Railroad, Georgetown, Colorado
- ◇ *November 3, Sunrise Division Regular Meeting*, Holy Love Lutheran Church, 4210 South Chambers Road, Aurora, Colorado. 7:15 PM
- ◇ *November 12, SCFD Free Days—Galloping Goose Ride*, Colorado Railroad Museum, Golden, Colorado. Free admission. Rides available for purchase only.
- ◇ *November 12-13, Georgetown Bighorn Sheep Festival*, Georgetown Loop Railroad, Georgetown, Colorado
- ◇ *November 12-13, Great Train Expo*, National Western Complex, Denver, Colorado. Admission: \$7, under 12 free
- ◇ *November 19, Model Railroad & Toy Train Swap Meet*, The Foothills Society of Model Railroaders, Green Mountain Presbyterian Church, Lakewood, Colorado. 9—11:30 AM