



The Conductor

September 2003



NTGRC to Display Layout at Lockheed Martin Railroad Show

The North Texas Garden Railway Consortium will be displaying a layout for the Lockheed-Martin Recreation Association's 21st Annual Railroad Show. The event will be held at the Lockheed Martin Recreation Area, 3400 Bryant

Irvin Road, Fort Worth, Texas. (Approx. 2 miles northwest of Hulen Mall.)

The date and time for the display and the show will be October 11-12, 2003; 10:00 AM - 5:00 PM Saturday and 11 AM - 5 PM Sun-

day.

Admission is \$6.00 for adults. Younger children with adults are free.

Contact Ron Greene for \$1.00 Off Discount Coupon up to a week prior to the show.

Set up will be Friday October 10th at 5:00pm at Lockheed Martin.

Call Ron Greene to volunteer at 817-498-8411.

Texas State Fair Ready to Run Trains

The Texas Discovery Garden at Fair Park will have a professionally built G-Scale railroad for this year's State Fair. The railroad will be built and trains supplied by Paul Busse. The railroad will run from 10:00 AM to 7:00 PM each day.

The Discovery Garden is seeking volunteers to run trains and speak to Fairgoers about garden rail-

roading during the fair from September 26 through October 19. Each working shift will last three hours with two volunteers per shift. It is their policy to run a criminal background check on all volunteers. You are asked to donate \$4.00 to cover the cost of processing the check.

In return for volunteer service all volunteers will get a parking pass,

T-shirt and tickets into the Fair for the days they volunteer.

For more information or to volunteer, contact Melissa Martin at:

Texas Discovery Garden
3601 Martin Luther King Blvd.

P.O. Box 152537

Dallas, Texas 75315

214-428-7476 x 25

Fax 214-428-5338

LGB Mogul Snowplow conversion

While I was in the train laboratory, I remembered the extra LGB Mogul Snowplow lying in my vault of spare LGB parts and pieces. I looked at the Snowplow and then I looked at the New Acquisition LGB Forney. I removed the single screw that holds the Forney Cowcatcher in

place and slipped it off. The LGB Mogul Snowplow slipped perfectly onto the pilot of the Forney. And the Snowplow screw hole lined up exactly where the Forney Cowcatcher screw attaching point was located. I put the screw in place. And without any modifications my



Forney now has a Snowplow with knuckle coupler attached to the front. (See Picture)

Submitted by Marvin Brown.



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Board of Directors

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Member's Address Changes

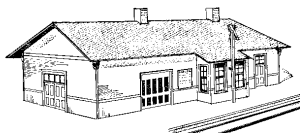
Dick and Cookie Watkins
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Payne Springs TX 75156-7846
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**Volunteers needed for
Holiday Train Show
November 15-16.
Call Ron Greene
817-498-8411**

Name Badges

Our club's badge is available from Office Depot stores for around \$5.00. The color is pine green #59, badge style #40. All members are encouraged to wear their badges to all club functions. Not only does it help new members to put names with faces, but it also gives our hosts a good feeling to know there are no strangers in their house!

**NORTH TEXAS GARDEN
RAILWAY CONSORTIUM
YOUR NAME HERE**



Be a Host

Contact Scott Muchow to volunteer
817 282-5531 or 817-308-8696
judo_rn@msn.com

NTGRC Shirts

The NTGRC has arranged for PANDA Embroidery located in Grapevine, Texas to provide members with NTGRC logo & clothing. They offer a wide variety of styles and price range for clothing. Simply visit their facility one street north and 1/2 block east of the Grapevine Tarrantula Station and choose the style, color, size, price range etc. They will embroider the NTGRC logo for you.

PANDA Embroidery
351 E. Hudgins Street
Grapevine, TX 76051

The club contributes \$25.00 to the person or family hosting a club meeting to help defer the cost of refreshments. Any layout is a candidate for a club meeting. Don't feel that you have to have a finished and completely landscaped railroad in order to host a meeting. It can be very inspiring, especially to the newcomers, to see a railroad under construction. Our home meetings are a great way for all of us to become more acquainted. We need volunteers for next year. New members as well as old members are encouraged to volunteer. We enjoy giving and getting ideas from each other.



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Follow up to article on curve radius in May 2003 Conductor— Allan Gartner

Allan Gartner has determined the angles determined in the article do generate the angles specified in the LGB catalog. Real railroads use something a little different called degree of curvature. Degree of curvature is more useful to surveyors of real railroads using transits and such while a mountain is in the way. To modelers, the LGB angles are actually more useful. Of course, the radius

of the curve is the thing that concerns us the most.

The geometry and trig is a bit involved for determining degree of curvature. Since true degree of curvature is of little use to modelers, I won't get into it. The only time a modeler needs degree of curvature is if you have a steep curve and you want to know the

equivalent incline of a "compensated curve." This is still a curiosity thing for us engineering nerds. It gives the rest of you bragging rights about how steep your track is. All that really counts is whether a train will go up and around the curve or not! Or, how many cars you have to limit the train to.

UP burns trestle

Good news: It was a normal day in Sharon Springs, KS when a Union Pacific crew boarded a loaded coal train to head on the long trek back to Salina.

Bad news: Just a few miles into the trip a wheel bearing becomes overheated and melts off letting the truck support drop down and grind on top of the rail creating white hot molten metal droppings to spew downward on the rail.

Good news: A very alert crew noticed a small amount of smoke about halfway back in the train and immediately stopped the train



in compliance with the rules.

Bad news: The train just happened to stop with the hot wheel on top of

a wooden bridge built with creosote ties and trusses.

Submitted by Stanley Schere and Richard Matsler



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We're on the Web at:
www.ntgrc.org

Calendar of Events

*October 11-12— Lockheed Martin Train Show
3400 Bryant Irvin Rd.
Ft. Worth, TX
Sat. 10-5 Sun. 11-5*

*November 15-16—Holiday Train Show
Will Rogers Coliseum, Ft. Worth, Texas*

*November 30 — Scott & Karen Whitfield's
Sachse Central and Purple Mountain RR's
Polar Express Celebration
5-8 pm*

December—Open

January—Plano Train Show