

# THE ORDER BOARD

A Publication Of The

Cumberland Division SER-NMRA Inc

Tennessee Central Railway Museum

Nashville Chapter NRHS

Vol. 20 Issue 6

## Cumberland Div/TC Ry Museum Donations

**Jim & Cheryl Brown**- 9 framed photographs of TCRM passenger excursion train cars.

**Craig Hatter**- one builder's plate from L&N GP38 #4000

## Program Notes

**June**- A color slide presentation "30 Years of Amtrak" by our own **Ralcon Wagner**.

**July**- Tentative- Airbrushing II hands-on clinic; **Garrett Rea** will be determining members' preference for date/time of this hands-on clinic.

## May Meeting Host Committee

Jack Sircy	<b>Gordon Smith*</b>	Richard Smith
Tom Spiggle	Tom Staggs	Robert Stewart
Ed Stone	George Stringer	Quincy Styke III
Bob Swanner	Aaron Tanzabel	Greg Teeple
Steve Tomblin	Homer Thompson	Robert Thurman

\* Host Committee Chair

## Year 2001 Schedule

June 9 Excursion Train Lebanon Train Robbery Trip  
June 14 Thursday Night Meeting- TCRM Willow St  
June 26 Sircy Bldg Operating Session  
July 4 Excursion Train Nashville Rocket  
July 7-8 GATS Show Nashville Municipal Auditorium  
July 8-15 NMRA National Convention St Louis MO  
July 14 Excursion Train Watertown Murder Mystery/Jazz Trip  
July 20-22 HO RR Setup- TN KY Threshermen Show Adams TN  
July 24 Sircy Bldg Operating Session  
Aug 28 Sircy Bldg Operating Session  
Aug 29 Excursion Train Lebanon Shopping Special  
Sep 7-16 TN State Fair- HO scale Module RR Setup  
Sep 8 Excursion Train Watertown Country Hoedown  
Sep 29 Excursion Train L&N Historical Society Lebanon  
Oct 6 Excursion Train Watertown Train Robbery  
Oct 13 Excursion Train Watertown Fall Flea Market  
Oct 18 Excursion Train deadhead to Cookeville  
Oct 19 Excursion Train Cookeville School Trips  
Oct 20 Excursion Train Cookeville to Lebanon  
Nov 3 Cumberland Div Fall 2001 Division Meet  
Nov 10 Excursion Train TSU Special to Cookeville

## Excursion Train Sign-Up Sheet

**July 14** Murder Mystery/Watertown Jazz Festival excursion train crew sign-up sheet will be at the meeting. Come to the

meeting and sign up to help staff this trip. This trip departs Nashville at 4 pm.

## Hobby Shop Update

New in the hobby shop are some decals received by **Steve Johnson** from Curt Fortenberry:

HO scale decals for L&N Alco and Baldwin diesel switchers as-delivered. These sets contain lettering, numbers and stripes. Price is \$8.00 per set.

Restock of HO scale L&N and NC&StL two-bay open hopper decal sets. Price per set is \$4.00.

## Cumberland Division November Meet

**Mike Curtis** has volunteered to be the general manager for the Fall 2001 Cumberland Division Model Train Show/Division Meet to be held Saturday, November 3, 2001 at Our Willow St building. Mike has already started planning for the Meet by talking with SER Division Superintendents and some dealers during the SER Regional Convention in Knoxville. So, all you modelers, please help make this Division Meet and Model Train Show successful by volunteering your time and skills. We need folks to put on clinics, tend to the videotape player, work the Company Store, staff the Museum room and lots more! Mike's phone # is 615-849-8595, E-mail [macurtis@home.com](mailto:macurtis@home.com)

## Excursion Train Car Portraits

**Jim & Cheryl Brown** have donated to the Museum 9 framed color photos depicting the individual cars in our excursion train consist. Each photo also has a narrative describing the car and is handsomely framed in a black picture frame. These pictures are hung on the wall in the Will St building's 1<sup>st</sup> floor administrative room. According to Jim & Cheryl, they will soon be adding the portraits of the souvenir car, TCRX 1266 and our newest addition to the excursion train consist, a 45-seat ex-Southern Pacific Lines Budd stainless steel coach 4010 named *Golden Sand*. When Jim & Cheryl get the required locomotive photos, they too will go up on the wall along with the passenger cars. Thanks, Jim & Cheryl, for this excellent addition to our Museum displays. We can now show visitors what the cars look like (on the outside anyway) and then have them walk out to see the cars in all their stainless steel brilliance.

## July 4 Nashville Rocket Excursion Train

**TC Ry Museum** is operating a July 4 Nashville Rocket excursion train boarding at Donelson boarding platform and running down to Riverfront. Boarding starts at 4:45 pm with departure for Riverfront at 5:00 pm. Departure from Riverfront is 9:45 pm.

**NEXT MEETING Willow St Building Thursday June 14, 2001 7:00 PM**

Now, here's the good part..... TCRM members and family members in their household can ride the July 4 train free. Just inform **Terry Bebout** at 615-244-9001, ext 4, E-mail [terry.bebout@nashville.com](mailto:terry.bebout@nashville.com) as to how many are in your party. Just another benefit of being a Cumberland Division/TC Ry Museum member!

## July 4 Cookout

In conjunction with the July 4 **Nashville** Rocket excursion train, there will be a July 4 cookout coordinated by our own **Don Gage**. The cookout will be at Riverfront. If you are going to take part in the cookout, please call **Don** at 615-833-0315 before 9 pm at night or E-mail him at [dgage35312@aol.com](mailto:dgage35312@aol.com). So, gather up your hot dogs, buns, burgers and lounge chairs, join us for an excursion train trip to our old stomping grounds at Riverfront and enjoy a patriotic evening of fireworks!

## New Members

**Gary Bass**, Kingston Springs TN  
**Keith Ericson**, Nashville TN  
**Richard Hosker**, Franklin TN (Family)  
**Rusty Lacy**, Nashville TN  
**Steve McKay**, Huntsville AL  
**David Orr**, Jacksonville FL  
**Rick Smith**, Nashville TN  
**Buford Sudberry**, Antioch TN  
**John Nelson**, Palmyra TN (Family)  
**Paul Zuzich**, Antioch TN (Family)

Please welcome these new members as they join in helping make our organization even better in the future.

## Happy News

Many of us have observed **James Bilbrey** over the years first as a young modeler working closely with his dad **Marvene** as they built modules as part of the Cumberland Division's HO scale modular RR; later, **James** became active in the TCRM excursion train efforts. He also went off to Tennessee Tech, majoring in civil engineering. He graduated this year, went to work for the US Army Corps of Engineers and is now GETTING MARRIED July 28, 2001 in Pigeon Forge TN to Twila Ford, who has also been active as part of our excursion train crews over the past few years. Congratulations and all the best to **James and Twila!**

Not to be outdone, **Brenda and Marvene's** daughter **Alice** is getting married Sept 15, 2001 at Hillcrest United Methodist Church off Tusculum Road in Nashville. Two weddings in one year..... that's a record for our group! Congratulations, **Alice!**

## Membership Cards

**Phil Utley** will again take digital photos of members during the June meeting who did not get their photo taken during the February, March or April meetings. The photo will go on Cumberland Div/TC Ry Museum membership cards. Photo studio location TBA.

## E-mail Addresses

Have E-mail and want to receive Cumberland Div/NRHS/TCRM updates & news via E-mail? Well, send your E-mail address to [hultman@nashville.com](mailto:hultman@nashville.com) & you'll be added to the E-mail group maintained for these organizations.

## Sad News

**Nina A Crowthers**, wife of TCRM member **Will Crowthers, Jr** passed away May 31 after losing a valiant fight against cancer. The family asks donations go to Alive Hospice Inc, 1718 Patterson St Nashville TN 37203-9622.

## Sick Call

**Don Lindgren** continues his recovery from a second elbow surgery. He was at the Willow St building June 2 & was heading on to the Sircy Building. **Eddie Justice** is recovering nicely from hernia surgery in early May enough to staff the hobby shop on June 2. Good to see these 2 members out & about. Others recovering from various surgeries are **Don Gage, Allen Hicks Mike Perry** and **Jack Sircy**.

## SER Convention Followup

For those of you wanting more information on the SER NMRA Regional Convention held last May in Knoxville, here is a Website with layout tour information, etc-

<http://members.nbc.com/on30/NEW.htm>

For those wanting to keep up with developments regarding the SER 2002 Regional Convention in Greenville SC, check out this Website- [www.TextilExpress.org](http://www.TextilExpress.org)

## Long Trains 1

By **Bob Swanner**

What does it take to move a long train? The same things it takes to pull a heavy trailer with your pickup. There are three basic areas that need to be addressed before a big load is moved regardless of scale/size.

[1] Adequate weight on drive wheels.

[2] Sufficient power, torque or twisting force, to turn those drive wheels & sufficient torque at speed, horsepower, to keep it moving at a good cruising speed. High torque at only a low speed will pull a tree up out of the ground, but it doesn't have the horsepower to move it fast, a good example is a sixty hp farm tractor, you can disc or plow several rows at a time, but it cannot take a trailer load of cows etc. to market because it is too slow. But, the 150 horsepower farm truck can move those cows; it just doesn't have the high torque to pull those plows.

[3] The tractor can pull those plows because its tires grip the ground with a minimum of slippage, while our truck would be spinning futilely with no discernible motion.

How can we help our pickup truck move a big load? Let's throw a couple motor blocks in the back, add a 400 cubic inch engine, & add studded snow tires. Our locomotives? Add weight however/wherever possible. Install larger motor[s], make wheels grip rail better. A general rule of thumb for draw bar pull on locomotives is 4:1. This means for each one lb of draw bar pull 4 lbs of locomotive weight on drive wheels is required. If more weight is available then loco is under-powered; if less, then the loco is considered slippery & hard to get a capacity train moving. Wheel grip on rail is called adhesion. At first it was believed that a smooth steel wheel on a smooth steel rail could not allow enough power to be transferred to the rail to move a train. Experience, the great teacher, proved otherwise. Adhesion can, in some cases be improved enough to make a substantial difference.