Next Meeting: Willow St Building Thursday June 14, 2001 7:00 PM

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  Gordon Smith*  Richard Smith
Tom Spiggle  Tom Staggs  Robert Stewart
Ed Stone  George Stringer  Quincy Styke III
Bob Swanner  Aaron Tanzabel  Greg Teple
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 signup 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

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 1st 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.
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 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. 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, Palmrya 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 Marlene’s daughter Alice is getting married Sept 15, 2001 at Hillcrest United Methodist Church off Tustulum 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 & you’ll be added to the E-mail group maintained for these organizations.

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**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.

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**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 Sircey 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 Sircey.

**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.nbci.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

**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.


[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.