

THE ORDER BOARD

A Publication Of The
Cumberland Division SER-NMRA Inc
Tennessee Central Railway Museum
Nashville Chapter NRHS

Vol. 20 Issue 12

Cumberland Div/TC Ry Museum Donations

Mr and Mrs. Gerald Guinn- \$100 for Palm Beach restoration
Jay & Michelle Wilson- \$250
W C Boyer- 3 brass switch keys
Glen Browning- L&N pen and ink art print
Dr Arthur Cushman- Brass bell from a steam locomotive
Pete Hoadley- hardcover book - "The Ultimate Encyclopedia of Steam & Rail"
Dave Johnston- Poster with photos of CVMR modular RR participants at 1988 Birmingham, AL NMRA National Convention

Program Notes

December- Babout Road Kill Buffet and program "Tennessee Trains of Christmases Past". If you are attending this meeting (it's for those who regularly attend our Thursday night meetings) and did not sign up at the November Thursday night meeting, call **Terry Babout** at 615-244-9001, ext 4, and leave him a message that you will be attending. We need to have an accurate head count to have the appropriate "road kill" on hand.

January- Model RR Topic TBA

Members, Nashville Chapter NRHS

The Nashville Chapter, National Railway Historical Society held its annual election of officers at our meeting on November 15, 2001. The nominating committee consisted of **Gene Turnage, Ron Musick** and **DeLoy Nelms**. Those elected for the 2001-2002 year are: President, **Robert W Thurman, Jr**; Vice President, **John Kennedy**; Secretary-Treasurer, **Herb Roth**; Historian, **Ron Musick**; and National Director, **DeLoy Nelms**. Anyone interested in learning more about the NRHS please contact any of these officers or **Herb Roth** direct to file an application. Any NRHS members who have not paid their current NHRS dues or TCRM activity fee may send a check in the amount of \$50 payable to Nashville Chapter, NRHS along with their TCRM new/renewal application to **Herb** at 8135 Devens Dr, Brentwood, TN 37027 and he will take care of your dues for both organizations. Nashville Chapter, NRHS fiscal year runs from December 1 through November 30 annually.

New Members

Mike Penix & Family, Nashville TN and **Darful Thomason**, Antioch TN Please welcome these new members as they join in helping make our organization even better in the future.

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.

MERRY CHRISTMAS!

Year 2001 & 2002 Schedule

Dec 20 Road Kill Buffet and TN Trains of Christmases Past
Feb 16 Watertown Murder Mystery Excursion Train
Feb 23 Watertown Fairyland Express Excursion Train
Mar 1 School Trips in Cookeville TN
Mar 2 Cookeville to Lebanon Murder Mystery Trip
Mar 9 Nashville Girl Scout 1-Hr Trips
Mar 16 Div Meet/Model Train Show at TC Ry Museum
Mar 23 Watertown Easter Bunny Excursion Train
Mar 30 Watertown Easter Bunny Excursion Train
Apr 13 Watertown Train Robbery Excursion Train
Apr 20 Watertown Mile-Long Yard Sale Excursion Train
Apr 27-28 GATS Show Municipal Auditorium Nashville TN
May 4 Cookeville Springfest Train
June 8 Lebanon Train Robbery/Civil War Reenactment Train
July 13 Watertown Jazz Festival Evening Excursion Train
July 20 Watertown Murder Mystery Evening Excursion Train
Aug 17 Lebanon Wilson Co Fair Express Train
Sept Thomas The Tank Engine in Nashville Date TBA
Sep 7 Watertown Country Hoedown Excursion Train
Oct 5 Watertown Train Robbery/Fall Foliage Excursion Train
Oct 12 Watertown Fall Flea Market Excursion Train
Oct 19 Cookeville Super Fall Foliage Excursion Train
Oct 26 Cookeville Super Fall Foliage Excursion Train
Nov 2 Model Train Show at TC Ry Museum
Dec 7 Lebanon Victorian Christmas Excursion Train
Dec 14 Cookeville-Lebanon Santa Excursion Train
Dec 21 Watertown Santa Excursion Trains

New Features for Passengers

Cumberland Division and **TCRM** provided passengers indoor waiting and chances to see our Museum room and view our operating HO scale modular RR while waiting to board Santa excursion trains. This was especially good Dec 8 since it was raining and chilly for the 8 am trip, wet for the 3 pm trip. All concerned said this was an excellent practice and will continue it into the year 2002 excursion train schedule. Thanks to **Don Gage** and **Robert Marsmaker** for supervising parking; **Chris Dotye & Bob Swanner** for operating the HO RR; **Eddie Justice, Len Hollinger & Charles Owens** for staffing the hobby shop.

Year 2002 Activity Fee

Cumberland Div/TC Ry Museum's activity fee for 2002 is \$30 individual, \$35 immediate family members in the same household. Send 2002 renewals to **George Gilbert** 750 Rodney Dr Nashville TN 37205-3016. Make checks payable to **Cumberland Div** or **TCRM**, mark them "2002 Activity Fee". Also, we accept Discover, MasterCard & VISA credit/debit cards for fee payments. Send your acct number, exp date, acct holder's name as it appears on the card, the account billing address & a contact phone number. Show any changes in name, mailing address, etc with your renewal.

NEXT MEETING Willow St Building Thursday December 20, 2001 7:00 PM

Membership Cards

If you're a member (especially new members) and haven't had your photo taken for your membership card, E-mail **Phil Utley** at railsystems@home.com to arrange for your photo shoot.

Basic Electricity for the Neophyte

Revised Oct 14 2001 by Bob Swanner

(Continued from the Oct 2001 meeting Notice) **There** are three modes of circuit status:

[1] **Normal** resistance, normal current flow, every thing is operating correctly; [2] **Excessive** resistance like loose or dirty connections cause reduced current flow, lights are dim & motors turn slowly, **infinite** resistance, **zero** current flow.

[3] **Reduced** resistance causes excessive current flow, something burns, or, if we're lucky, a fuse blows.

There are three terms for Circuit Malfunctions:

OPEN Circuit, wire cut, infinite resistance, no current flow, or, just turned OFF.

SHORT Circuit, some or all circuit resistance is bypassed. **OR** Two or More Circuits become Interconnected.

GROUNDING circuit, Zero resistance, hot power is connected directly to Ground, all loads are bypassed.

CLOSED Circuit, a normal condition, it's turned ON.

There are two main type circuits & combinations. The most common type circuit is the **PARALLEL circuit** with the characteristic being: **VOLTS SAME, AMPS VARY**, where there can be many branches connected to many things that we will call **LOADS**, a load can be a light, motor, solenoid, relay, or anything powered by electricity. Each load has it's own designed-in resistance. A parallel circuit can run several loads [paths] simultaneously as long as it was designed to do so. A big motor consumes a lot of amps. A small light may use only a fraction of an amp. Yet both of these & more can be run on one circuit, their supply **voltage** would be the **SAME**, but their **amp consumption** could **VARY** greatly. The more loads we add in parallel, total circuit resistance drops, so more current flows.

The other type circuit is a **SERIES circuit** with the characteristic being: **VOLTS VARY, AMPS SAME**, where all loads are on a **single path**. The old type Christmas tree lights were wired in **SERIES**- when one bulb burned out, they all were off. So, anywhere we measure current in the series circuit it will be **AMPS SAME** but anywhere we measure voltage, **VOLTS VARY**, not same. The more loads added, total circuit resistance increases, amps decrease. (Part III continued in our Jan 2002 issue)

More Changes for ex-TC Ry Route

By **Cliff Downey** downeycj@apex.net

As part of a plan to improve rail access to the Fort Campbell, KY military base, construction has been completed on a new line that lines together the former TC line and CSX's mainline at Hopkinsville KY. The military owns and operates the ex-TC between Fort Campbell and Hopkinsville using ex-ICG GP10's. Previously, trains were interchanged between Fort Campbell Rail and CSX via the Hopkinsville "belt line", which is really just a long industrial spur that forms an impromptu connection between the former TC and the former L&N. Only 5-6 cars could be interchanged at a time, since the interchange itself was set up as a switchback. While trains were being interchanged, two busy streets were blocked.

The new connection splits away from the ex-TC line about four miles south of Hopkinsville, runs mostly across farmland and

connects with CSX at the north end of Casky siding. A wye allows military trains to head either north or south onto CSX. A siding, complete with lights, has been built along the Fort Campbell Rail trackage at the interchange.

The new connection was originally scheduled to be completed in mid-December. However, following the events of Sept 11, the military appropriated extra funds to rush the job, and the new line was completed in mid-October.

Rails from the old TC mainline were reused on the new connection, so this past summer the whole line was shut down. Crews then began tearing up the track from where the new connection joins the mainline on into Hopkinsville. Most of the "old" ties (most of which are less than 10 years old and still in good shape) were not reused and instead have been bundled together and still sitting along the right-of-way.

Approximately four miles of track were dismantled. The new connection splits away from the mainline just south of Lover's Lane, which itself is just south of the Hopkinsville city limits.

Sad News

George Gilbert's father **Charles Gilbert, Jr** passed away Thursday, Nov 29, 2001 in Pulaski, TN. The funeral was in Pulaski, burial in Hermitage Memorial Gardens, Hermitage TN. George & Annelle's address- 750 Rodney Dr Nsv TN 37205 Our thoughts and prayers are with George, Annelle and their family at this very difficult time.

Sick Call

Will Crowthers had some serious orthopedic surgery Tuesday Dec 4 at St Thomas Hospital and is recovering. Send your wishes for a speedy recovery to **Will** at 110 Blue Hills Ct in Nashville TN 37214.

Hobby Shop News

By **Wayne Frey**

New LBF HO coal hoppers/gondolas have arrived in the shop- just what you need for those unit coal trains.

Reminder- if your special order has arrived, you are obligated to pay for those items. Please keep in mind that when you special order items from the hobby shop, you obligate yourself to pay for those items once they arrive, even if you decide you no longer want the items/if you bought the item somewhere else/you made an error in giving the ordering information to **Wayne**.



View of Firestone tire manufacturing plant on member **Len Hollinger's** Rockville 12' module group displayed during the July 2001 GATS Show in Nashville TN. **Len** is a former Firestone employee, so it's pretty easy to see the source of his inspiration for this very nicely-done plant. Digital photo by **Len Hollinger**