

THE ORDER BOARD

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

Vol. 21 Issue 1

Cumberland Div/TC Ry Museum Donations

Don Gage- \$1,000
Craig Hatter- \$15 and photocopies of L&N RR Freight Car Record and L&N RR Locomotive Data Book
Hugh & Marie Nichols- \$200
William B Strong- \$1000

Program Notes

January- Basic Decaling (if a presenter volunteers or a videotape from the Cumberland Division/TCRM Library) **BoD** meeting after the general membership meeting
February- Excursion Train Crew Safety Class

Spring 2002 Cumberland Division Meet

The Spring 2002 Division Meet will be Saturday, March 16, 2002 at our Willow St building. **Jim** Adair is the general manager for this spring's Meet. We'll need lots of folks to do another great Meet, so be thinking now about how you can help with this effort.

Nashville Chapter NRHS

Any NRHS members who have not paid their current NRHS 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 Drive, 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. Anyone interested in learning more about the NRHS please contact any of these officers or Herb Roth direct to file an application.

New Members

Leslie Crawford, Hendersonville TN
Everett Dyer, Clarksville MD (Family)
Ralph Key, Antioch TN
Jaymi Millard, Nashville TN (Family)
Richard Rogers, Murfreesboro TN (Family)
John Tate, Aurora CO
Jo Ward, Monterey TN
Kendall Wright, Clarkrange TN (Family)

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

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. Checks payable to **Cumberland Divor TCRM**, mark them "2002 Activity Fee". Also, we accept Discover, Master Card & VISA credit & debit cards for fee pay-ments. Send your acct number, exp date, acct holder's name as it appears on the card,

the acct billing address & a contact phone number. Show any changes in name, mailing address, etc with your renewal.

Year 2002 Schedule

Jan 24 Thursday Night Meeting Willow St TCRM Nashville TN
Feb 16 Watertown Murder Mystery Excursion Train
Feb 23 Watertown Fairyland Express Excursion Train
Feb 23-24 Greenberg Train Show Nashville Convention Center
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

Access to TCRM Sites

On Saturday & Monday workdays we need to either park along Willow St and walk to the Museum work area or drive down Stanley St and park in the Southern Junction Yard parking area directly behind our work area. During weekdays we do have permission to drive through the TCW main gate off of Stanley St to the Museum work site. The only vehicles that should use the old track gate on Saturdays by crossing the Hertz-Penske lot are service vehicles delivering directly to the excursion train. Our agreement with Hertz-Penske is that crossing their lot will be kept to a minimum.

January Meeting Host Committee

Ken Herrell*	Allen Hicks	Charles Hiehle
Pete Hoadley	Len Hollinger	Frank Holt
Bob Hultman	Fred Huss	Barbara Hutton
Wayne Jenkins	Stanley Johnson	Steve Johnson
Dave Johnston	Jerry Jones	Eddie Justice

* Host Committee Chair

Excursion Train Sign-Up Sheets

Sign-up sheets will be present for Feb 16 and Feb 23 Watertown excursion train trips.

We will run school trips in Cookeville on Friday, March 1. On Saturday, March 2 we run a Murder Mystery Excursion from Cookeville-Lebanon. This means we will leave for the Nashville-Cookeville deadhead trip on Thursday, February 28th. Please make plans to be there. We will have a great time as usual!

Something to Think About...

There are three types of people-
Those who make things happen,
Those who watch things happen, and
Those who say, "What happened?"

NEXT MEETING Willow St Building Thursday January 24, 2002 7:00 PM

Which one of these do you want to be?

Sad News

Dr John Clark, a long-time member of Nashville Chapter, NRHS and TCRM, passed away in December, 2001. Condolences may be sent to his widow, **Sarah Frances Clark** at 591 Woodmont Circle in Cookeville TN 38501.

IMPACT OF THE RAILROAD THAT MOST PEOPLE DON'T KNOW

From Moses to Jefferson, the most you could transport at one time was a wagonload. Even in the early 1800's the best mode of overland transportation was still by horse; George Washington couldn't get across the land any faster than Julius Caesar- but Abraham Lincoln could, and what made that possible is the steam locomotive. It allowed people and goods to be moved great distances at high speeds. It reduced transit time from New York to California from 6 months to 6 days, thereby bringing us together as a nation. The steam locomotive is not just an obsolete piece of metal, it is an example of the machine that changed America and the rest of the world.

Hobby Shop News

By **Wayne Frey**

New Classic Mini-Metal HO scale vehicles have arrived- 0% APR Reminder- if you have been notified that 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 or if you bought the item somewhere else or if you made an error in giving the ordering information to **Wayne**.

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.

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.

SER Convention Followup

For those wanting to keep up with developments regarding the SER 2002 Regional Convention in Greenville SC, check out this Website- www.TextilExpress.org The Website has been recently updated.

Basic Electricity for the Neophyte

Revised Oct 14 2001 by **Bob Swanner**

Continue from the December 2001 meeting notice.

Then we have the **SERIES-PARALLEL circuit**; it is a combination of both SERIES & PARALLEL. A PARALLEL circuit can have many paths with a load on each. Sometimes there will be two or more loads on one path; they are in SERIES with

each other in a PARALLEL circuit, so we have a SERIES-PARALLEL circuit. A PARALLEL circuit has parts that are in SERIES with it, do you know what they are? Power Source, Fuse, Switch, & Ground; are all in series with our parallel circuit but its not called Series-Parallel because there are no loads in the series part. If any section of the Series part of our circuit were cut **OPEN**, the entire circuit would be **OFF**.

There are **eight parts** in a basic circuit: [1] **Power Source**, I refer to it as **B+** [2] **Control Device**, a switch of some kind. [3] **Protection Device**, Fuse, or Circuit Breaker, etc. [4] **Load**, what the circuit operates: lights, motors etc., [5] **Connector**, connects [6] **Conductor**, wire, [7] **Insulation**, keeps the volts in where they belong. [8]. **Ground, B-**, final resting place for all those aimless amps.

I mention all these parts of a circuit because when **diagnosing**, determining where the malfunction is & the measures necessary to effect a correction require being aware of all parts & possibilities. A **VERY BIG** part of proper diagnosis is knowing what is **normal**, then we **compare** what we have to normal, **DOES IT MATCH?** When making repairs be aware that the bad part you find may only be **half** the problem. What **caused** it to fail? I refer to this as the **bad guy & victim**. Yes, sometimes old age & time are the culprits but not always, so be expecting the unexpected.

There are a few tools that make our job of malfunction hunting a bit easier: a Digital Volt-Ohm Meter, doesn't have to be expensive, just work like it. Look at Radio Shack, Home Depot, & or other places for pricing & availability. Just get Volts & Ohms, don't mess with Amps because I have another tool for that: an Inductive Ammeter, simple cheap & mighty. If a regular ammeter were connected to a circuit & its resistance was extremely low, the high flow of current could possibly damage the meter, so we use an inductive ammeter & the only possible damage would be pegging the needle which doesn't hurt a thing.

Basic Electricity Warning: All electric and electronic components are manufactured with smoke packed inside, if for any reason the smoke is released, the component will no longer function.

When you are studying a new & confusing subject try sleeping on your back or stomach. If you saturate yourself with knowledge and sleep on your side you may wake up knowing less than when you went to bed because a lot of your knowledge leaked out the low side ear because it hadn't been in there long enough to harden.

December 2001 Road Kill Buffet Crowd



View of the crowd at our December 20 Road Kill Buffet getting ready for a visit from a red elf... that would be CeCe Doub, not Santa Bob. Digital photo by **Phil Utey**