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1994 Division Ballot
Nov. 6 Meet Model
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Whistle Stop

by Christopher Thies

The main goals we held for the 1993 Gateway Division Show were to educate, inspire, and entertain the modeling community and the general public. For those of you that were able to attend, I am sure that you will agree that all three goals were very well met.

The quality of the clinics, modular operating layouts, model contest, door prizes, and home layouts made the show a success. It is to soon to tell how successful financially the show was at the time this was written, but we will let you know in upcoming Division meetings and issues of the RPO.

This is my last Whistle Stop as the next time the RPO is published, the Gateway Division will have a new Superintendent. I would like to individually thank those volunteers who have helped make this year into a good year for the Gateway Division, but there are just too many. The Division will have passed the 100 member mark from those signed up at the show and we have only been in existence for less than two years. This indicates that the Division must be doing something right.

The new officers of the Division will need your support and assistance to keep our organization growing. The level and quality of services available can only increase with everyone’s active involvement. Take a look at what the division is doing and see where you might be able to help. It is only through your involvement that the organization can grow and improve upon its membership services. Let the officers know of your desire to help and together we can find something that will be enjoyable for you.
Special Thanks To.....

all the 1993 Gateway Division Show committee. Over the last year, lots of work went into the show to make it the success that it was. Some of the work was difficult at times, but it is a great and rewarding feeling to see that work turn into something enjoyable and fulfilling. To all on the committee, thanks for the job well done.

Some thanks are in order for people and groups outside of our organization who offered assistance that helped make the 1993 Gateway Division Show a success. The ones listed below are the ones I knew about. Other people and organizations may have also assisted and any omissions are my mistake.

The Hobby Station generously assisted in the publication of the show guide. The guide had a very professional appearance and contained the day’s schedule, listings of clinics and door prize donors, and the layout tour maps and descriptions. In return for sponsoring the guide, Hobby Station got the back cover for a full page ad.

Another hobby shop found a unique way to help. John Schindler almost had to cancel his layout from the layout tour but Tinkertown Hobby Shop came to the rescue. John uses the Onboard Command Control system and he had a major equipment failure on the Wednesday before the show. Onboard was not able to deliver replacement parts in time. The folks at Tinkertown heard about John's predicament and offered to loan him the store's Onboard demo unit. Thanks to their assistance, John was able to operate his layout for the layout tour visitors.

On your way to the show, you may have noticed big signs with arrows along the road that said “Train Show”. These signs were courtesy of the Mississippi Valley N Scalers, who also helped by placing their modular layout on display at the show. It is hard to tell how much the signs helped in drawing people into the show but considering the significant increase in paid attendance we had, the signs had to play a part.

The Gateway Division has now had several meetings at the Camelot Bowl in Collinsville, Illinois. At each one, the attendance increases, both from higher attendance of Division members and from new faces. The December meeting will be in Collinsville. I hope to see more Missourians there as it is only 10-15 minutes from downtown.

Membership Directory

The Gateway Division membership directory will be published for distribution at the December meeting.

If you have not already done so, please complete the questionnaire (which can be found on the yellow page in this issue) and return as soon as possible to Richard Schumacher (Box 510500, St. Louis, MO 63151-0500) or hand deliver it to Richard at the November Division meeting.

Any members not completing and returning a questionnaire by December 1st will be listed in the directory with name and address only.

Call Board

Superintendent
Christopher Thies
(314) 845-1987
Assistant Superintendent
Randy Meyer
(314) 579-0933

Division Director
Herb McCurdy
(314) 487-9291

Secretary / RPO Editor
Richard Schumacher
(314) 846-2224

Treasurer
John Lee
(314) 638-0515

Event Committee Chairman
Phil Sheahan
(314) 832-0843

Achievement Program Chairman
Brad Joseph
(618) 233-8140

Achievement Program Assistant Chairman (West)
Randy Meyer
(314) 579-0933

1994 Division Meet Committee Chairman
Randy Meyer
(314) 579-0933

Membership/Promotion Committee Chairman
Christopher Thies
(314) 845-1987

Division Store

The Gateway Division will not be selling any NMRA or Region products until the Division’s incorporation paperwork is final and we receive our Missouri Resale License.

Final Results

Gateway Division
Nov. 6, 1993 Annual Meet
Model and Photo Contest

by Steve Goaring

Steam Locomotives
1st Bob Schafer
CB&Q Hudson 3001
2nd Bob Schafer
CB&Q “Aeolus” streamlined loco
3rd Tom Dooling
MoPac Berkshire

Passenger Cars
1st Bob Schafer
CB&Q RPO
2nd Jackson Fromme
MKT RDC car
3rd Bob Schafer
CB&Q “Pendulum” car

Diesels - 1st & 2nd Generation
Novice
1st Scott Bimson
MKT SD40-2
2nd John Kohlberg
GM&O GP35
3rd Walter Lehmann
NYC E7 A-A units

Master
1st Jim Lunch
Cotton Belt SD45T-2 9376
2nd Ed Dressel
C&NW SD45 “cat”
3rd Jackson Fromme
MoPac switcher

Diesels - 3rd & 4th Generation
Novice
1st Brad Joseph
   UP C40-8W

2nd Dan Osborn
   MoPac SW1500 & slug set

3rd Dan Osborn
   MoPac GP50

Master
1st Ed Dressel
   UP SD60M

Freight Cars
Novice
1st George Hayduk
   D&H boxcar

2nd Jack Brenner
   D&RG boxcar - narrow gauge

3rd John Kohlberg
   ICG panel track car

Master
1st Mike Swederska
   Gramps tank car narrow gauge

Cabooses
1st John Kohlberg
   GN transfer caboose

2nd John Kohlberg
   A&S transfer caboose

3rd Dan Schnuriger
   GN caboose

Maintenance of Way
1st Ed Dressel
   C&NW MoW cars & burro crane

2nd Tom Troughton
   Tool car

3rd Tom Schuhardt
   Fire Train

Structures
Novice
1st John Kohlberg
   IC Gilman coal tower

2nd John Spencer
   Roof top water tanks

3rd Tom Troughton
   Water tank

Master
1st Phil Sheahan
   Sand & coal shed

2nd J. Leslie Walker
   Engine house

3rd Phil Sheahan
   Lumber mill

Diorama
Novice
1st Tom Troughton
   Engine house scene

2nd John Weis
   Ozark RR

3rd Kevin Hampton
   Kitbashed station & terminal

Master
1st Ralph Boyd
   150 ton coal tower

2nd Phil Sheahan
   Water tank & tool shed

3rd Phil Sheahan
   Water tank

Whole Train
1st Tom Schuhardt
   IC work train

2nd John Kohlberg
   ICG freight train

3rd Bob Schafer
   CB&Q freight train

Modules
1st Glenn Koproske
   River module

2nd Don Take
   FS grain elevator
3rd  Glenn Koproske  
Carnival module

18 & Under Locomotives  
1st  Jeremy Janzen  
ATSF switcher

18 & Under Rolling Stock  
1st  Quin Swederska  
C&M boxcar

2nd  Jeremy Janzen  
COFC car

Model Photo - Black & White  
1st  Ken Patterson  
ATSF in cornfield

Model Photo - Color Print  
1st  Brad Joseph  
Fort Collins

2nd  Brad Joseph  
GN Steamer

Prototype Photo - Color Print  
1st  John Mohen  
Donner Pass

2nd  Kevin Hampton  
X2000

3rd (tie) Tom Schuhardt  
1522 steam

3rd (tie)  Steve Goaring  
Challenger in snowstorm

Prototype Photo - Slides  
1st  Steve Goaring  
Flood detour in front of Arch

2nd  Steve Goaring  
MKT - Arch

3rd  Dennis Norris  
UP SD60's

Steam Locomotives - Bob Schafer
Photographs of some first place model contest winners are by Steve Goaring

Freight Cars Master - Mike Swederska

Freight Cars Novice - George Hayduk
Diesels 3rd & 4th Generation Master - Ed Dressel

Caboose Novice - John Kohlberg

Passenger Car - Bob Schafer
Calls for Assistance

Gordon Cannon requests suggestions for future product offerings (diesel detail castings, etc.). Michael Alan Thomas, 4211 Castleman Avenue, St. Louis, MO 63110, 314-771-0680 will collect your suggestions and forward them to Gordon. Please have your suggestions to Michael by Dec. 15th!

Both Illinois and Missouri layouts are needed for the 1994 annual meet layout tour. All scales! Anyone have a new layout they want to show off? Call Hank Kraichely at 314-394-5151.

Randy Meyer is looking for comments, suggestions, and volunteers for the 1994 Division Annual Meet.

Somebody please send an article for the RPO! Think “AP Author Points”!
Adventures in Wiring
by Richard Schumacher

Last issue we saw that the signal logic is constructed with 2-input NAND gates. On any gate, when either input is “low” the output will be “high”. If both inputs are “high” the output is “low”. Using two gates, we created a circuit for a single two-color signal head. When either input of this circuit is made “low” the “red” LED lights, when both inputs are “high” the “green” LED lights instead.

When both circuit inputs are “high”, the output of the first gate is “low” (L). This point is directly connected to one side of the green LED. Since the other side of the green LED is connected to “high” (+5), current flows through the green LED and it lights up. The second gate has two “low” inputs, so it’s output is “high”. The red LED has “high” on both sides, so it doesn’t light up.

Let’s see how this changes when one of the circuit’s inputs is “low” (L):

Unconnected inputs default to the “high” state. We add pull-up resistors to the input lines to ensure this default condition is stable (otherwise the circuit will “flicker” from electronic noise sources - like Tyco locomotive motors).

For our circuits, a connection to the signal circuit ground is the “low” condition, and a connection to +5 is “high”. Let’s see what happens when both inputs are set “high” (H):

Since both inputs to this circuit are “equal”, it doesn’t matter which one is “low” - if either or both are “low” the red LED will be turned on.

Why would we need two inputs for the signal? Because most signals have two different events that can cause a red indication - but that’s next time.
Where’s The Meeting?

Meetings in odd numbered months (January, March, May, July, Sept., and November) are held at the National Museum of Transportation on Barrett Station Road in West County.

Meetings in even numbered months (the other ones) are held at Camelot Bowl in North Collinsville (see map).

Meetings are the third Monday of each month with the clinic portion starting at 7:00 pm. The business meeting follows the clinic after a short break.

Display / Open House

Great 1993 Christmas Train Window
Famous-Barr, 7th & Locust Streets
Viewing hours: 8:30am-10:00pm
Presented by the American Flyer “S” Gaugers of the St. Louis Area

Every Sunday in December
Sierra Central Model RR Club
1:00-6:00pm, 115 Elm Street
O’Fallon, IL, 618-624-9027
Donation: Ad $2, Ch $1, Fam $5

December 18 & 19
Quincy Society of Model Engineers
Christmas Open House
Good Samaritan Home
2130 Harrison, Quincy, IL
Noon to 5pm

Calendar of Events

Mon, November 15, 1993
Gateway Division Meeting
7:00 pm Museum of Transport

November 27 & 28, 1993
Great American Train Show
Gateway Center, Collinsville, IL
12:00pm-5:00pm, admission $5

December 4 & 5, 1993
Great St. Louis Train Show
Lutheran High School South
9515 Tesson Ferry Road
Sat 10:00am-5:00pm
Sun 12:00pm-5:00pm
admission $4, child under 12 free

Mon, December 20, 1993
Gateway Division Meeting
7:00 pm Camelot Bowl (Collinsville)

Mon, January 17, 1994
Gateway Division Meeting
7:00 pm Museum of Transport

January 29 & 30, 1994
Great American Train Show
Cervantes Convention Center
12:00pm-5:00pm, admission $5

Mon, February 21, 1994
Gateway Division Meeting
7:00 pm Camelot Bowl (Collinsville)

Sat, February 26, 1994
Columbia Model RR Swap Meet
Dupo Community High School
Admiral Trost Drive, Dupo, IL
10:00am-3:00pm, 618-281-6264

Sat, March 18, 1994
McDonnel-Douglas Swap Meet
St. Louis County Rec. Complex
6050 Wells Rd., St. Louis, MO
10:00am-3:00pm, admission $2

October 15 & 16, 1994
Gateway Division Annual Meet
Belleville Area College