

# PROMONTORY POST

## NORTHERN UTAH DIVISION - NMRA

Jan 2014

Volume 2 Number 1

### MEETING HIGHLIGHTS

January 18th—Another third Saturday afternoon, and another Division Meeting where Fun, Learning, and Fellowship was freely dished out.

When it didn't look like anyone had been assigned the duties of chief cat herder, Geoff Carter stepped into the role and welcomed everyone in attendance. Looking around the room, we didn't see any new faces to introduce. You know what that means, don't you?

Next meeting you are to bring a friend and introduce them to our brand of Fun, Fellowship, and Learning. It promises to be a great experience.

Our Show and Tell portions was a bit scattered as we didn't really have a theme, but Jim Wanlass shared with us a hand-made turnout he was making for a fellow in France. It was a dual gauge, triple turnout. It boggles the mind trying to keep the routes organized in your head even while looking at it. Fred Baney had one of his locomotives to share with us. Of course it was a Union Pacific motive power. And, of course it was a work of art.

After announcing up and coming events we went into the Clinic given by Peter Lieber.



### THE MONTHLY CLINIC

This month's outstanding, informative, fun, hands-on clinic was given by Peter Lieber. The subject, although very technical and, for many of us, quite intimidating was presented in very simple terms that even the novice could understand the basic theory of electricity and electrical circuits.

After talking us through an understanding of amperes, volts, ohms, IC circuits, capacitance, and LEDs, he had us building a simple circuit that could be used to power a flashing crossing signal.

By arranging components on a "bread board", most of us got the circuit to run the first time. One group had a bit of excitement when they thought they had smoked the IC circuit; but it turned out that they had only momentarily shorted the battery. Another group of four keen minds had much more difficulty in getting theirs to work, but finally were successful.

Peter had fun presenting his very first clinic and his enthusiasm seemed to rub off on all those in attendance.



Blaine was so enthralled with the whole experience that he ended up buying the bread board and components so he could try it again at home.



**Utah's Center for Railroad Modeling Excellence**

Join us every 3rd Saturday, From 3:00 to 5:00 PM  
Meeting at the Pioneer Valley Hospital  
Administration Conference Room  
3640 South Pioneer Parkway (4155 West)  
West Valley City, Utah 84120

**We're about Fun, Learning, and Fellowship**



## THE MONTHLY CLINIC

Photos of Peter's clinic.



Do you smell smoke?



Why won't this blasted thing work?



The sweet satisfaction of success

## LAYOUT TOUR

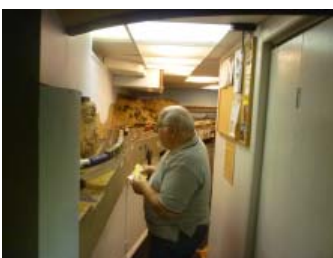
Since we had three layout tours last month, it was decided to forgo one for the month of January. There will be another one in February.

## D.O.G. NEWS

This month saw the DOG crew going through their paces on Gary Petersen's Salt Lake Southern railroad. We had a great turnout, loads of fun, rewarding fellowship, and Gary was a kind and gracious host.



Working up crew assignments for the day.



Some of the crew going about the business of running a railroad. What a great bunch of folks to spend a Saturday afternoon with.



# OTW Train Show



## THE SMOKEBOX

*Ken Berry, Superintendent*

We've been working to bring our program to all parts of our Division, so all our members can participate in NMRA-style fun!

We started on this last year when we ramped up the "Golden Spike Limited", the RMR 2014 Convention held in Sandy from June 19<sup>th</sup> to the 22<sup>nd</sup>. Registration is live and details can be found at <http://gsl2014.org>

We have been working on "travelling clinics" and "local layout tours" that will finally bring the NMRA to a neighborhood (reasonably) near you! I need assistance finding a suitable location and time. Please send me your suggestions.

We also have a hands-on opportunity for our members and their immediate family to develop modeling skills, spend quality time with other modelers, and scratch that itch for old-fashioned railroad modeling.

Our Division is working on an exhibition module for the 2014-2015 circuit to showcase our program so people

can see what we do *together*. You **don't** need to be experienced, and you *don't have to live in Salt Lake County*!!

We are building a layout of the Frontrunner system from Ogden to Provo, with scenes of the three stations, representations of the stops along the route, and accurate scenery that transitions between major areas. It will be operation-style, so there will be something for our docents to do while at the shows.

These other projects may catch your interest:

- An American Civil War Railroads exhibit.
- An HOn3 layout.
- A city-center/urban modular layout.
- Fred Baney needs help tuning up his modular layout.

If you haven't been modeling because you don't have the opportunity, we've got your back! So get involved and *have fun modeling stuff*!

Cheers! Ken

## COMING DOWN THE PIKE

### Northern Utah Division Welcomes Regional Convention in 2014—Jun 19-22, 2014

The Northern Utah Division (formerly known as the Wasatch Division) welcomes the Rocky Mountain Regional Convention in 2014. We are excited to bring the Regional Convention to our area. There are many well known model railroads in this area that have been the subject of articles in the model railroad magazines over the years. While small groups have recently toured and operated on these layouts, it is time for the population of the region to have that opportunity.

#### Keynote Speaker



We are pleased to announce Charlie Getz, NMRA President, will

be kicking off the festivities. A favorite speaker at many events, we are fortunate to have him join us!

#### Host Hotel

The CottonTree Inn in Sandy, Utah will be the host hotel of the NMRA Rocky Mountain Region Convention - **The Golden Spike Limited 2014** on June 19-22, 2014.

The hotel will accommodate lodging, clinics, and other aspects of the convention in a single site. The host hotel is adjacent to I-15, Trax light rail and Frontrunner commuter rail stations.



Reservations can be made by calling 801-523-8484 and mention "Golden Spike Convention". Reservations made after that date are subject to room availability. You can also book online directly at: <http://book.bestwestern.com/bestwestern/priceAvail.do?disable>

[WWW.NORTHERNUTAHNMRA.ORG](http://WWW.NORTHERNUTAHNMRA.ORG)

[nav=true&suppressSSLPopup=true&propertyCode=45073&promoCode=94PROMO](http://nav=true&suppressSSLPopup=true&propertyCode=45073&promoCode=94PROMO) Please note the room block is reserved through May 19, 2014.

#### Contest and Mini Diorama

Have you thought about entering a model in a contest but just never did? Now is the time! Either finish up the model you have been putting off finishing the final details on or start something new for a little bit of variety. See the Special Categories or Mini Diorama to help with the direction you might want to go for something new. Whatever you decide you

should at least bring something to display because you will have a reasonable chance that you will go home with an Award Certificate!

#### Bruce & Janet Chubb Banquet Speakers

The Golden Spike Limited is pleased to announce that Dr. Bruce Chubb and his wife Janet



will be our banquet speakers Saturday night, June 21, 2014 at the Rocky Mountain Region Convention, the Golden Spike Limited 2014. Their presentation is titled, "Both Sides of the Sunset Valley Story." You won't want to miss it!

In addition to having Bruce as our featured dinner speaker, he has agreed to present 5 different clinics typically found only at the national level:

- Sunset Valley Oregon System Updates and Operation
- Interfacing a Computer to Your Model Railroad
- Signaling Part 1—Fundamental Concepts Prototypes and Model
- Signaling Part 2—ABS, APB, Turnout Control and Grade Crossing Systems
- Signaling Part 3—Centralized Traffic Control Systems—2 Hours

#### Ops Sessions Will Abound

We are planning on some awesome operations sessions! Some layouts offer just a few operators per sessions and others will handle 15-20.

#### Registration is Now Live!

Go to <http://gsl2014.org/registration/>

#### Visit our Website

<http://gsl2014.org/>



## COMING DOWN THE PIKE

We have an exciting mix of clinics coming our way during the coming months. You won't want to miss a single informative and entertaining moment.

### Feb 15, 2014 – Introduction to On30

*Presented by Scott Perry*

What is the fascination with the On30, the fastest growing segment of our hobby? Is it affordability? Or artisanship? Or just the rebellious side of "we don't need no stinking standards!" that lures model railroaders? Many On30 modelers are "serious" in another scale and see On30 as a creative outlet. Some find this 1/4" scale, 30" gauge a tight knit community full of larger than life characters. Regardless of the reason, On30 is just plain fun. Come join long time On30 modeler Scott Perry as he introduces you to the wild side of model railroading known as On30. Be warned! It is addictive.

Come learn all about On30 and why we think On30 is sexy! Please come even if you are a long time On30 guy...as we can always use color commentary and experience. You'll see some fantastic photography work and have fun!

Bring your On30 models...and a module if you have one!

### Mar 15, 2014—Utah Mining Railroads

*Don Strack*

Don will present a history of Utah railroads, and the important role they played in the history of mining in Utah. The presentation covers the early years before the mining boom of the two decades between 1890 and 1910, as well as the vital role railroads played in the sudden growth in Utah's coal mining industry in Carbon County, and the mines in and around Bingham Canyon and Park City. Included is a brief summary of the years after World War II to today. Don has given this presentation twice as a lecture for Mining Engineering students at University of Utah, as part of the overall history of mining in Utah.

### Apr 19, 2014—

To be Announced

### May 17, 2014—Interurbans of Utah since 1949

*Stan Jennings*

At one time Utah had interurban service from as far south as Payson, Utah, as far north as Preston, Idaho, west to Garfield, Utah and east to Pinecrest, Utah. While all except one are gone and the survivor is dramatically changed, a surprising amount of equipment has survived. What has survived is a fascinating part of Utah's railroad history.

# Model Railroad- ing



The only addiction for  
which there is no 12-Step  
Program

## OUR VOLUNTEERS

### Northern Utah Division Leadership:

#### Elected Officials:

- Superintendent ..... Ken Berry
- Asst. Superintendent ..... Fred Baney
- Treasurer ..... Stan Jennings
- Director at Large ..... Jack Chase
- Director at Large ..... Jim Wanlass
- Director at Large ..... Vacant
- Director at Large ..... Vacant

#### The Executive Committee is made up of the following:

- Achievement Program ..... Jim Wanlass
- Clinics ..... Stan Jennings, Peter Lieber
- Communications ..... Jim Wanlass
- Division Operations Group ..... Jack Chase
- DVD & Book Librarians ..... Bob Lewis & Michelle Swift
- **Graphic Artist** ..... **Vacant**
- Greeter ..... By Assignment
- Tours and Trips ..... Pete Harmon
- Marketing & Publicity ..... Steve Moore
- **Member Aid Chairman** ..... **Vacant**
- Membership Manager ..... Jack Chase
- Publications Editor ..... Geoffrey Carter
- **Secretary** ..... **Vacant**
- **Staff Photographer** ..... **Vacant**
- Videographer ..... Randy Jones

## Volunteer Reports

### Northern Utah Division Leadership:

#### Elected Officials:

Superintendent ..... Ken Berry  
 Asst. Superintendent ..... Fred Baney  
 Treasurer ..... Stan Jennings  
 Director at Large ..... Jack Chase  
 Director at Large ..... Jim Wanlass

#### The Executive Committee is made up of the following:

Achievement Program ..... Jim Wanlass

Clinics ..... Stan Jennings, Peter Lieber  
 Hard at work finding subjects of interest to you  
 Digital Communications Coordinator ..... Jim Wanlass  
 Working on the Convention Committee, Jim is keeping the website looking spiffy and operating smoothly.

Division Operations Group ..... Jack Chase  
 Working on the Convention Committee, Jack is lining up operating sessions.

DVD & Book Librarians ..... Bob Lewis & Michelle Swift  
 Donate one to borrow many.

Graphic Artist ..... Vacant  
 Helps with anything graphic, from web pages to flyers to signs to newsletter headers

Greeter ..... By Assignment

Tours and Trips ..... Pete Harmon  
 I have exhausted the layouts in the Salt Lake City area that I know about. I have a number of layouts in the Hostler's Club territory who's owners are willing to hold tours. I am in need of names and phone numbers of people who have layouts in the rest of our division for layout tours for our division and owners who are NOT in the SLC and Hostlers Club areas. I need these not only for Division tours, but also for Convention tours this June. Please send any information you have to Pete Harmon at [pharmon@bestweb.net](mailto:pharmon@bestweb.net) with Layout Tours in the subject line.

Since the attendance at the tours in the Ogden area have been so poorly attended, I need to be able to broadcast to all of the known Division members to convince the guys who are away from SLC to host another tour.

Marketing & Publicity ..... Steve Moore  
 I have submitted the following information to Model Railroader Magazine, and the NMRA: Clinics (through March which is all I have), meetings, and the Region Convention.

Member Aid Chairman ..... Vacant  
 Assists in connecting those who need help with those who can provide help. You don't have to have all the answers, but you are willing to find out the answers and point to the source of those answers.

Membership Manager ..... Jack Chase

Publications Editor ..... Geoffrey Carter  
 Been in the process of herding cats, trying to prod the rest of you guys into submitting stuff for this newsletter. We

have put together a mini-flyer for the Rocky Mountain Region Convention **Golden Spike Limited**, as well at the registration form for this event. Also acting as Registrar and Treasurer for the Convention Committee.

Secretary ..... Vacant

A non-voting member of the board who keeps the minutes

Staff Photographer ..... Vacant

Someone with a digital camera who can take pictures at the meetings, clinics, layout tours, convention, or any other event held by the division. Pictures to uploaded to the division website and published in the Promontory Post

Videographer ..... Randy Jones

Randy has been stuck at his shop for the past couple of months. Perhaps one of you out there in readerland would like to fill during his absence.

As you look over and contemplate this list, please note that there are a few vacancies and some folks who wearing multiple hats. It would be great if you could step forward and fill some of the needs to help make this the best division in the region, if not the nation. Thanks

## O scale Guys Take Honors

Dale Angell & Al Badham

I thought I had sent a "press release" on this but can't find where I did.



Anyway, I'm "just" back from the National Narrow Gauge Convention! Had a great time and Al and I scored in the Model Contest! Al received a First in freight car and a Third in caboose and I won First Place in passenger car. Photos of the baggage and freight card (pickle car) are in this month's Gazette. Also the entire build of the passenger car is at: [http://oscaleguys.com/sites/Models/Trains/San%20Juan%20Express\\_baggage.html](http://oscaleguys.com/sites/Models/Trains/San%20Juan%20Express_baggage.html). The convention was a gas and I went on several layout tours including the Disneyland Railroad.



Dale Angell has launched his new web cast, **Toy Man**

**Television** on YouTube at: [http://www.youtube.com/channel/UC5S\\_XL0MzRLvAuZfycO8rKQ/feed](http://www.youtube.com/channel/UC5S_XL0MzRLvAuZfycO8rKQ/feed). The first two movies are short "pilots" about the show, and the first film about the backstory of the Disneyland Railroad and Disney's live steam backyard railroad, the Carolwood Pacific. Do check it out and tell the members to take a look and share and even subscribe to the channel!

Anyway, there it is! I am going to be posting many Toy Man videos which will include the local layout tours.

## **Turbines of the Union Pacific**

*Fred Baney*

### **Part 4—Continued from last month**

#### **No. 80 Coal Burning Gas Turbine**

With over ten years of gas turbine electric locomotive experience, it would seem only natural that the UP would be interested in using coal as a fuel. Having extensive coal deposits in Wyoming and Utah, the railroad decided to design and test a coal burning turbine locomotive at the Omaha shops in early 1959.

It was decided to use a spare gas turbine from the 4500HP class as a basic building block. Additionally, many of the auxiliary systems, together with the traction generating equipment and the gearbox could also be used from the 51-75 class locomotives.

Construction was commenced in September of 1959 with the arrival of the ex-Great Northern W-1 electric locomotive 5018. The unit was gutted leaving only the running gear, underframe, and part of the superstructure.

The majority of the components in the turbine unit and their basic operation differ little from the bunker "C" fuel oil GTEL's. The compressor delivered six times normal atmospheric pressure from the 15 state axial-flow compressor to the combustors, here the crushed fuel was mixed with the compressed air flow and ignited, reaching a maximum temperature of 1450°F, the resulting gasses expand through the two-stage turbine and discharged through an exhaust stack in the roof. The turbine shaft delivers 5,000HP through a reduction gear to the generators.

Diesel fuel is used to start the turbine and the switch to coal is made automatically after it is running. Once on coal, nugget-sized pieces move through the crusher-pulverizer system, which reduces it to a graphite size coal dust. In this state and introduced into the air stream, it has the same characteristics as a liquid and is pumped forward to the turbine.

After the coal is ignited in the combustors, the gases pass through a fly ash separating equipment where the non-combustible abrasive ash is drawn off to reduce the wear on the turbine buckets.

The control unit of this system is a highly modified 2,000HP Alco PA-1 diesel locomotive. Most of the control system is a direct adaptation from existing gas turbine controls.

The tender for this unique locomotive came from UP3990 (4-6-6-4 Challenger). The modification work

included installation of all the automatic coal handling and pulverization equipment plus a hopper for 61 tons of nugget-sized coal.

The turbine was first fired on coal Apr 19, 1962 but was limited to just seven minutes. Full load testing was done Sep 27, 1962. On Oct 17, 1962 the unit was placed in freight service from Omaha. The locomotive operated until May 12, 1964.

The serious problem of finding materials suitable for the turbine blades subjected to the fly ash erosion at the temperature of 1,450°F, and in providing pulverized coal dependably sidelined the big turbine set. Set out as unserviceable at Council Bluffs, the locomotive was renumbered from 80 to 8080 in April 1964 to make room for the DD-35 order. Retired on Mar 31, 1968, the control unit was traded to EMD on an SD-45 order, while the turbine unit and tender were scrapped at the Omaha shops.

#### **Specification for the Coal Turbine**

Total Weight: 1,457,290 lbs

Total Length: 214' 9"

Available Horsepower: 7,000HP (2,000HP from control unit and 5,000HP from turbine)

Starting tractive effort: 188,107 lbs

#### **Maintenance Problems of the Turbines**

Despite the apparent brawn and power, the turbine turned out to be an expensive brute to maintain after several years of usage. Their problem was the fuel pumps, nozzles, fuel heating equipment, and turbine blade erosion inherent with the use of heavy oil. Ingested dirt and dust fouling air compressor stages and eroding power became a problem without a total solution. Bigger air filters cut back efficiency too far. In sound operation practice, the turbines were eventually retired at the point where maintenance expenses were far in excess of equivalent powered diesels.

#### **The Final Runs**

The first small turbines were retired in the spring of 1952 (#51-54) and the trucks and other useable parts traded to GE on an order of eight U25B diesels. The last four (#58, 59, 67, & 68) in June of 1964 were again traded to GE for parts on the 5,000HP U50 diesel. Most of the 4,500HP turbines were in service less than ten years, #58 & 59 stayed the longest, almost eleven years, while #71 & 75 had the shortest life, only nine years.

The same problems of major maintenance inherent from several years of heavy use also caused the retirement of some of the "Super Turbines" after a relatively short life. Numbers 1 thru 4 were the first to go, retired on Aug 31, 1968. Like the others, they were traded to



GE, who reused the trucks under the UP U50C 5,000HP diesels. As of Dec 1, 1969, only 13 remained on the roster. #26, the 8,500HP turbine that is located at the Ogden Railroad Museum, last run was on Dec 18, 1969. As train X-7 west it left Cheyenne, WY with 93 cars with turbine #26 and trailing diesels SP9088, UP 3073, SP8467, and SP8415. It returned from Ogden with and "RV" symbol fruit train of 112 cars. #26, in shiny new paint, was removed from the train and pulled from service. The last turbine run on the Union Pacific was Dec 16, 1969 when #7 took and eastbound to North Platt, NE.

### ***Disposition of Units***

As mentioned previously, all the small turbines were scrapped either at Omaha or Cheyenne. The super turbines were sold to GE and scrapped at Erie, PA, Salt Lake City (#30), or Continental Leasing at North Kansas City, MO. Four of them remained at that location. #18, 26, 28, & 29 were still there in Sep 1977. #18 was donated to the Kansas City Railroad Museum, and #26 to the Ogden Railroad Museum. The cabs of #14 & 16 were still in Salt Lake City in 1975, stored on the property for their new owner, GF Bean Co of New Orleans, LA.

### ***Closing***

The experimental steam turbines of 1939 and the coal-burning turbine of 1962 were classified as failures. The 55 production model gas turbine electric locomotives were not. They had produced and impressive record and had been a vital part of moving a tidal wave of traffic on the main line. As a transcontinental railroad, the Union Pacific had gained untold experience in the area of motive power that may one day again find itself as a locomotive power source for freight service. Union Pacific had once again been the leader in a unique chapter of motive power development—the 1952-1969 turbine era.

The day of the world's most powerful and dramatic motive power on the Union Pacific have now become part of railroad history. The giants of the vast and windy west have been stilled, but the roar of the turbines will always echo in the pines high atop Sherman Hill and over the rugged, dusty plains of Wyoming.

They were built to haul heavy tonnage over the never-ending prairies of Nebraska, the rugged grades of Sherman Hill, and through the rocky cuts of the Wasatch in Utah. For those of us who were thrilled by its mighty thunder, and by its massive size, the turbine will always bring a fond memory. To both hear and see them in action were a railroad treat unequalled any place in the United States.

## MEET THE MEMBERS

Please join with me in welcoming the following new members of the Northern Utah Division of the NMRA:

- Joshua McMurrin—Salt Lake City
- Peter McMurrin—West Jordan
- Gunther Oeser—Salt Lake City
- Randall Sorenson—Ogden
- Brad Strong—Salt Lake City

Hopefully, you will find this is an organization that brings together fellow modelers for Fun, Learning, and Fellowship... just as these renewing members have:

- Dale Angell—Salt Lake City
- Mark Evans—Riverton
- David Pendell—Salt Lake City
- Jim Wanlass—Lehi

We are glad you folks decided to stick around and continue contributing to the Fun, Learning, and Fellowship.

## EXTRA BOARD

### **Hostlers Festival Photo Contest 2014**

*Stan Jennings*

A reminder, be sure to share your best photographs at the Hostlers Festival February 28, March 1 & 2 at the Ogden Union Station.

There are a few more things, but the basics are -- The photos must be railroad related, taken by the entrant and no larger than 8"X12". Judging is entirely people's choice.

Unlike an NMRA photo contest, there are eight categories. The categories for 2014 are:

- A- Steam Locomotives;
- B- Internal Combustion/Electric Locomotives/ Motorcars;
- C- Structures;
- D- Rolling Stock, Maintenance of way, caboose;
- E- ACTION;
- F- Railroading;
- G- Railroading People;
- H- Model Railroading.

For the complete Hostlers Festival 2014 model and photo contest rules and entry forms go to the Hostlers website -- <http://www.hostlers.info>, then go to Members Info. No, you do not have to be a member.





The following is a list of clubs and organizations within the Northern Utah Division territory. Hopefully you will be able to find a group of like-minded individuals to associate with and share your interests and passions.

#### **American Civil War Railroad Modelers of Northern**

**Utah**—An “all scales” club centered around the greater Salt Lake City metropolitan area. The ACWRC is open to all who are interested in researching and building ACW railroad layouts, modules, or dioramas. Contact Ken Berry at [rail-road.modeler@gmail.com](mailto:rail-road.modeler@gmail.com)

**Circus Model Builders**—This club was started in 1935 and its mission is to preserve the history and memories of the circus by building and displaying circus models. Many circuses have used railroads for transportation between cities and show locations. We have about 1,000 members world-wide modeling in many scales from Z to G plus! Some members build a whole show set up and others just do the train. We have a great website with photos, plans, and information and a great color magazine. For membership information you can contact Marty Petersen at [marty\\_petersen@hotmail.com](mailto:marty_petersen@hotmail.com); on the web at [www.circusmodelbuilders.com](http://www.circusmodelbuilders.com); and on Facebook at [www.facebook.com/circus.models](http://www.facebook.com/circus.models).

**Golden Spike American Flyer Club**—This S scale club meets the 3rd Friday of each month at various club member homes. Their newsletter contains the time and place. Contact Jim Buckley at 801-252-1921 or email [jamesbuckley@comcast.net](mailto:jamesbuckley@comcast.net)

**Golden Spike Model Railroad Club**—This club meets Saturday evenings from 7:00 to 11:00 PM at the former Children’s Museum of Utah (840 N 300 West, SLC) Contact George Pekkanen 801-966-3227. You can find us on the web at: [www.wasatchmedia.com/deepcreek/page3.html](http://www.wasatchmedia.com/deepcreek/page3.html)

**Great Basin Lego Train Club**—Adult fans of LEGO. Meeting times and club info is posted on their website: [www.greatbasinlrc.utahlug.org/](http://www.greatbasinlrc.utahlug.org/). Contact Reed Cowan 801-373-7292. You can find us on the web at: [www.greatbasinlrc.utahlug.org/](http://www.greatbasinlrc.utahlug.org/)

**Hostlers Model Railroad Club**—This multi-scale club, including live steam, meets the 3rd Wednesday of every month at Ogden’s historic Union Station. Contact Mike Murphy 801-394-4952 or via USPS 752 W 4375 So, Riverdale, UT 84405. You can find us on the web at: [www.hostlers.info/](http://www.hostlers.info/)

#### **Live Steam Railroaders—**

**O Scale 3 Guys**—An O and On3 scale club, contact Alan Badham 801-277-8262 or via USPS at 2122 E Rainbow Pt Dr., SLC, UT 81214. Find them on the web at: [theoscaleguys.tripod.com/](http://theoscaleguys.tripod.com/)

**Ophir, Tintic & Western Model RR Club**—This 100% NMRA club models in HO and N and meets at the SCERA Thea-

ter Boardroom (745 S State St, Orem) at 7:00 PM on the 3rd Thursday of every month. Contact Larry Carter 801-446-8161; or email at [larrycarter@msn.com](mailto:larrycarter@msn.com); on the web at [www.otwtrainclub.com](http://www.otwtrainclub.com).

#### **Promontory Chapter—National Railway Historical Soci-**

**ety**—An historical and preservation organization that owns and operates the Moonlight Dome and the Janice L passenger cars. They occasionally have runs between Salt Lake City and Denver. The chapter holds its monthly meetings on the 1st Friday of every month. You can find them on the web at [www.wasatchmedia.com/deepcreek/promnrhs.html](http://www.wasatchmedia.com/deepcreek/promnrhs.html)

**Railway & Locomotive Historical Society** (Golden Spike Chapter) - An historical oriented group of researchers and preservationists, meets at the Ogden Union Station, generally on the 4th Tuesday of every month. Besides our major project, presently in the midst of a 20+ year restoration of the D&RGW Engine #223, we work closely with the Ogden Union Station Foundation in their efforts to operate and maintain the Utah State Railroad Museum. Find us on the web at [www.trainweb.org/GoldenSpikeLRHS/index.html](http://www.trainweb.org/GoldenSpikeLRHS/index.html)

**Salt Lake Trackers**—This HO/HOn3 club meets at the Tooele Railroad Museum (35 N Broadway, Tooele, UT) on Saturdays from 12:00 noon to 4:00 PM (between Memorial Day and Labor Day) or as weather permits. Contact Cindy Meiser 801-966-7411 or via USPS at 512 Crockett Dr., Kearns, UT 842118

**South Weber Model RR Club**—This 1-1/2” club runs trains every 3rd Saturday and Sunday at South Weber Canyon Meadows Park (I-84 exit 85, two blocks south, two blocks east. Contact Scott Stowell via email at [swmrrc2010@gmail.com](mailto:swmrrc2010@gmail.com) on the web at: [southweberrr.webs.com/](http://southweberrr.webs.com/)

**Utah Free-MO**—A travelling HO Modular group conforming to the Free-Mo standard. Contact Allen Carter via email at [utahfree-mo@aol.com](mailto:utahfree-mo@aol.com). Find them on the web at: [www.utahfree-mo.org/](http://www.utahfree-mo.org/)

**Utah Garden Railway Society**—A G scale group dedicated to the art of garden railways. Contact Lynn Stringham at 801-644-1817; via email at [lynn.w.stringham@boeing.com](mailto:lynn.w.stringham@boeing.com); or USPS at 4464 S 4100 W, West Haven, UT 84401. Find them on the web at: <http://www.ugrs.org/>

**Utah Large Scale Society**—A G scale group that meets in various member’s homes. Contact Stan White at 801-546-4085; or via USPS at 920 N 1550 E, Layton, UT 84040

**Utah Train Collectors Association**—Primarily 3-rail O gauge, though other scales are represented. Promotes model railroading in Northern Utah. Meets the last Thursday of each month. Contact Kent Silver at 801-544-9883; or email at [webmaster@utahtca.com](mailto:webmaster@utahtca.com). Find them on the web at: <http://utahtca.com/default.htm>

**Utah Valley Live Steamers**—Contact Mike Hansen at 801-798-0241. Find them on the web at: <http://uvls.org/>

**Wasatch N Scale Club**—Contact Bob Gerald at 801-864-0174. Find them on the web at: [www.wasatchnscale.org/](http://www.wasatchnscale.org/)

**Wasatch Z Scale Club**—Currently reorganizing. Interested parties may send email to: [jack.r.chase@gmail.com](mailto:jack.r.chase@gmail.com)

If you have corrections to make to the club listings, or you would like your club's events mentioned in this newsletter, please contact: [editor@nu-nmra.org](mailto:editor@nu-nmra.org). We will be more than happy to help your club prosper.



What follows is a list of railroad-type events that may be of interest to all you train nuts.

### Rocky Mountain Express

Rocky Mountain Express propels audiences on a steam train journey through the breathtaking vistas of the Canadian Rockies and highlights the adventure of building a nearly impossible transcontinental railway.

Recruited to realize this venture—one of the greatest engineering feats of all time—were engineers and laborers from around the world.

The film weaves together spectacular IMAX aerial cinematography, archival photographs and maps, and the potent energy and rhythms of a live steam locomotive to immerse audiences in this remarkable story from the age of steam.

- ATK Imax Theater at Clark Planetarium
- 40 Min program shown multiple times daily thru Apr 3<sup>rd</sup>
- [clarkplanetarium.org/shows/rocky-mountain-express/](http://clarkplanetarium.org/shows/rocky-mountain-express/)

### Hostlers Festival 2014

- Feb 28th, Mar 1st & 2nd
- Union Station, Ogden, UT
- Photo Contest
- <http://www.hostlers.info/>

What "extras" can an NMRA member who is not a Hostler member participate in at the Hostlers Festival?

There are the photo and model contests, which have been covered in these pages. We have many, many talented photographers and modelers, please take the time to enter. Rules for both contests are on the Hostlers website -- <http://www.hostlers.info>, then go to Members Info. No, you do not have to be a member.

Saturday afternoon there are clinics from 1 to 4PM. One of the clinics will be on 3-D printing.

There will be door prizes only for those who purchased club tickets, no public door prizes. Be sure to purchase a club ticket, there are only 130 available, seventy six have already been sold. Only \$5.00 each.

Tony Koester is the speaker for the Saturday evening banquet that will be held the Summit Hotel, east of Union Station. Again, there are only a limited number of

tickets.

### Evanston Train Show

Anybody have any information on this?

### June Event

I have heard rumors of a major event, held by a local model railroad association some time in June. Standby for further light and knowledge concerning this affair.



*Courtesy of Jim Wanlass*



**The Hostlers Model Railroad 2014 FESTIVAL**

**25<sup>th</sup> ANNIVERSARY**

**Feb. 28, Mar. 1 & 2 at the Ogden UNION STATION**

Historic 25th Street & Wall Avenue, Ogden, Utah  
FRIDAY 4pm to 9pm  
SATURDAY 9am to 5:30pm  
SUNDAY 9:30am to 3:30pm

**Admission**  
Adults \$5.00  
Children 12 and under Free

For more information, contact...  
Mike Murphy (801) 394-4952  
John Grubb (801) 678-6394

**HOSTLERS**  
Model Railroad Club  
[www.hostlers.info](http://www.hostlers.info)

**NEW LOWER ADMISSION PRICE**





**MODEL RAILROAD CLUB**

# COME JOIN A MODEL RAILROAD CLUB

The **Wasatch N-Scale Model Railroad Club** is looking for new members. Join us to enjoy the fellowship of other model railroad enthusiasts while building a high quality **N-Scale** modular layout. Our modules generally follow **N-TRAK** standards with four notable differences:

- Use of code 55 rail
- 46 inch layout height
- Two track main
- Operation from the Front of the layout

In addition, our unique end loop design allows us continuous operation as well as accommodating modules of nearly any length or shape. The block system we use allows us to use both **DC** and **DCC** controls for nearly all locomotive types.

Our club is looking for interested modelers of all skill levels. Dues are only \$30 per year and we meet the last Monday of each month. Visitors are always welcome!! If you're just starting out or not sure where to begin, we can help! We look forward to hearing from you.



Above: November 2011 NMRA Show at the Utah State Fair park.

Below: Worlds Greatest Hobby Show February 2012



## For further info contact :

Bob Gerald [rfgerald@comcast.net] (801) 966-3903  
President

Robert Arnesen [rmarnesen@q.com] (801) 964-6418  
Secretary / Treasurer

David Hansen [bigdavedh@comcast.net] (801) 282-0444  
Webmaster / Information officer

## CHECK OUT OUR WEB SITE AT:

[www.wasatchnscale.org](http://www.wasatchnscale.org)

**Bylaws of the  
NORTHERN UTAH DIVISION  
Rocky Mountain Region, NMRA**

**Article I  
Name, Status, and Purpose**

- 1) The name of the organization is the Northern Utah Division (the "Division"). It is established under the provisions of the governing documents of the Rocky Mountain Region (RMR), and the Regulations of the National Model Railroad Association (NMRA). If a conflict should develop between these Bylaws and the Region's governing documents, the Region's governing documents will govern. If there is a conflict with the NMRA Regulations, the NMRA Regulations will govern.
- 2) The Division is incorporated as a non-profit corporation in the State of Utah, and shall seek and maintain classification by the U. S. Internal Revenue Service as a 501(c)(3) tax exempt organization.
- 3) The Division is organized to promote educational, charitable, historical, and fellowship activities related to model railroading and rail transportation.
- 4) The Division newsletter is the official publication of the Division.

**Article II  
Territory**

- 1) The boundaries of division territory is determined by the Region.
- 2) Throughout these Bylaws, "residence" means the member's principal residence.

**Article III  
Fiscal Year**

- 1) The Division fiscal year will be from January 1 to December 31.

**Article IV  
Membership, Dues, Activities, and Finances**

- 1) Each NMRA member is automatically a member of the Region, if one exists, and of the Division, if one exists, in whose territory the member resides.
- 2) Division activities are a benefit of membership in the NMRA. Therefore, all NMRA members, regardless of residence, are entitled to attend or participate in any activity of the Division, but only eligible members of the NMRA shall be privileged to vote in Division elections or hold Division office, as defined elsewhere in these Bylaws.
- 3) Guest attendance privileges may be granted to non-NMRA model railroaders to introduce them to the Division and the NMRA, but must join the NMRA before attending more than one Division activity.
- 4) The Board of Directors may choose to charge fees for specific activities and services such as meets, conventions, tours, open houses, and a mailed copy of a publication. For such activities, the fees will be the same for all NMRA members, regardless of residence.
- 5) Division monies may only be spent by prior resolution of the Board. All authorized expenditures shall be made by check. Any check less than \$100 may be signed by the Treasurer, but all other checks must be signed by the Treasurer and one other Trustee. Receipts equal to the amount of the check must be given to the Treasurer or the check cannot be issued.



## **Article V**

### **Board of Trustees**

- 1) A Board of Trustees (the “Board”) will supervise and control the business, property, and affairs of the Division, by any practical means available, except as otherwise provided by law or these Bylaws.
- 2) The Board will consist of seven members (“Trustees”): the Superintendent, the Clerk, the Treasurer, and four Directors.
  - a) No member of the Board will receive remuneration of any kind for their services. However, they may be reimbursed for reasonable expenses upon the majority approval of the Board, if a written request and original receipts have first been submitted to the Board.
  - b) An elected officer may be recalled by petition, signed by two-thirds of the vote-eligible members of the Division and validated by the Board of Trustees.
    - i) A recall petition, declared by the Board to be valid, immediately strips the recalled officer of any and all rights, duties, and obligations of their office.
    - ii) A recalled officer shall immediately surrender to an Officer of the Board any and all Division property, physical or otherwise.
- 3) Trustees serve a term of two full fiscal years. The Superintendent and two Directors serve terms beginning the first day of odd numbered fiscal years, and the Clerk, Treasurer, and two Directors serve terms beginning the first day of even numbered fiscal years.
- 4) The Superintendent performs the usual duties of the Chief Executive Officer of a non-profit corporation, presides over Division and Board meetings, creates and dissolves committees as needed, appoints and removes members from committees, and is an *ex officio* member of all committees, except the Election Committee and Financial Review Committee. The activities of the Division are the responsibility of the Superintendent.
- 5) The Clerk performs the usual duties of the Executive Secretary of a non-profit corporation, and will preside over Division and Board meetings that the Superintendent is unable to attend, and is responsible for membership records, recruiting, and retention efforts. The membership of the Division is the responsibility of the Clerk.
- 6) The Treasurer performs the usual duties of the Chief Financial Officer of a non-profit corporation, presides over Division and Board meeting that both the Superintendent and the Clerk are unable to attend, and develops the Division’s budget for review and approval by the Board at annual meeting. The physical and financial assets of the Division are the responsibility of the Treasurer.
- 7) Directors perform the usual duties of a Trustee of a non-profit corporation, and fulfill assignments made by the Board. Oversight of the Superintendent, the Clerk, and the Treasurer is the responsibility of the Directors.
- 8) Vacancy in the office of Superintendent will be filled by a Trustee, appointed by a majority vote of the Board, within two weeks of the vacancy. Vacancies in any other office, including the former office of the Trustee appointed to serve as the Superintendent, must be appointed by the Superintendent, within two weeks of the vacancy.
  - a) Appointees must be eligible to hold elected office, as specified elsewhere in these Bylaws, and shall serve out the remainder of the original term of their predecessor.
  - b) If no willing volunteers can be found to fill a vacancy within two weeks, the Board will assume any and all further responsibility for finding and appointing a successor.

**Article VI**  
**Board Meetings and Division Business**

- 1) The Board will hold at least two regular business meetings each year, an “Annual Meeting” and a “Semi-Annual Meeting”. A two-thirds majority vote by the Board will require the Superintendent to schedule a special Board meeting.
  - a) The Superintendent will set the date, time, and location of all Board meetings, provide each Board member with at least fifteen days advance notice of these meetings, and make an open invitation for all Trustees to submit to the Clerk any items of business to be put in the agenda.
  - b) A majority of Trustees in attendance at any Division meeting shall constitute a quorum. A quorum must be present in order to conduct any Division business. Items before the board will be approved by a majority vote, unless otherwise specified in these Bylaws.
    - i) Trustees may vote by proxy, and shall thereby be considered as present and part of a quorum.
    - ii) Trustees may participate in Board meetings from remote locations, by any means that allows all participants to communicate with each other, and shall thereby be considered as present and part of a quorum.
  - c) The annual meeting will be held during the general meeting of the 12<sup>th</sup> month of the fiscal year. Annual reports from the Superintendent, the Clerk, and the Treasurer will be made to the general membership at this meeting, elections for the upcoming year will be held, and any proposed amendments will be presented to the membership for a vote.
  - d) The semi-annual meeting will take place during the general meeting of the 6<sup>th</sup> month of the fiscal year. The Board will review progress over the first half of the fiscal year, make any corrective measures necessary to achieve Division goals by year-end, and conduct any other Division business that stands before the Board. The Wasatch Rails committee chair will report to the Board on the status of the annual show. Any proposed amendments will be presented to the membership for a vote.
  - e) All meetings of the Board will be guided by an agenda, provided to each Trustee at least 7 days before the meeting.
- 2) Unless otherwise stated in these Bylaws, *Robert’s Rules of Order* will govern board meetings.

**Article VII**  
**Conflict of Interest**

- 1) No Trustee will cast a vote, or take part in the final deliberation, on any matter in which the Trustee, or members of the Trustee’s immediate family, have a financial or personal interest.

**Article VIII**  
**Indemnification**

- 1) By resolution of the Board, the Division may indemnify any officer, board member, or agent against any and all expenses and liabilities incurred by him or her in connection with any claim, action, suit, or proceeding to which he or she is made a party by reason of being an officer, board member, or agent.



**Article IX**  
**General Membership Meetings**

- 1) General Membership Meetings (“general meetings”) will be held at times and places determined by the Superintendent. A two-thirds majority vote by the Board, or a petition signed by twenty percent of the vote-eligible members of the Division, will require the Superintendent to schedule a special general meeting.
- 2) The Superintendent will set the date, time, and location of all general meetings, and provide each member with at least seven days advance notice of these meetings.
- 3) The general meeting held on the 12<sup>th</sup> month of the fiscal year will also be known as the “Annual Meeting”, which will differ from other general meetings by including the annual elections, annual reports from the Superintendent, Clerk, and Treasurer, the report of the Financial Review committee, voting on any proposed amendments to these Bylaws, etcetera.
- 4) A quorum of the Board must be in attendance at the annual meeting, as defined by these Bylaws.
- 5) Unless otherwise stated in these Bylaws, *Robert’s Rules of Order* will govern general meetings.

**Article X**  
**Elections**

- 1) An Election Committee, appointed by the Superintendent at the October membership meeting, will serve until the end of the annual meeting.
  - a) A Director who is not standing for re-election will be appointed to chair the committee.
  - b) Two vote-eligible Division members who are not currently serving on the Board will be appointed to the committee.
  - c) The Election Committee is responsible for conducting all aspects of the annual election.
- 2) Elections must provide a fair and adequate opportunity for each and every vote-eligible member to run for elected office.
  - a) A clear description of the eligibility requirements for holding and running for elected office, and clear instructions on how to run for office, will be published in the issue of the Division newsletter that immediately precedes the October meet.
  - b) Eligible members may declare their candidacy for an office at any time between the opening of the October meet and the close of the November meet, by notifying the Election Committee of their intent. Each candidate may also submit a photo, and a 250-word (or less) candidate’s statement, to be published in the issue of the Division newsletter that immediately follows the November meet.
  - c) Each candidate is entitled to run for one elected office.
  - d) To be eligible to hold or run for an elected office, a candidate must reside within Division territory, be a member of the NMRA in good standing, and hold a membership classification in the NMRA that grants them the right to vote.
  - e) An office in any election that has no candidates declare for it will be considered vacant on January 1, and subject to appointment, according to the section of these Bylaws on vacancies.

- 3) Elections must provide a fair and adequate opportunity for each and every vote-eligible member to vote in the election.
  - a) A clear description of the eligibility requirements for voting in a Division election, along with the official ballot and a list of authorized methods and clear instructions for returning a voted ballot, will be published in the issue of the Division newsletter immediately preceding the annual meet.
  - b) Each eligible voter is entitled to one vote. Voting by proxy shall not be allowed.
  - c) To be eligible to vote in a Division election, a voter must reside within Division territory, be a member of the NMRA in good standing, and hold a membership classification in the NMRA that grants them the right to vote.
- 4) At the annual meeting:
  - i) The Election Committee will validate and count each voted ballot, in full view of the membership. Only ballots cast by eligible voters will be counted.
  - ii) Each member of the Election Committee will sign and date the official copy of the election results, thus certifying that they are a true and accurate record of the will of the membership of the Division.
  - iii) The Election Committee will announce the election results to the membership.
  - iv) Submit to the Clerk the "Election Record", which will contain all candidate statements, all ballots voted by any means, and the certified copy of the official election results. This record is to be retained in the Division Archive for one fiscal year.
- 5) The candidate receiving the most votes for an office is elected to that office. In the case of a tie, the issue will be decided by a public coin toss.
  - a) Elected officers assume their office on January 1.
  - b) Outgoing officers must surrender all Division property, physical or otherwise, to the Board no later than December 31.
- 6) Official election results will be published in the issue of the Division newsletter that immediately follows the annual meet.

## **Article XI**

### **Amendments**

- 1) Proposed amendments that will materially alter the intent, purpose, structure, meaning, or authority of these Bylaws may be proposed to the Board by any member of the Board, or by a submitting a petition to the Board that contains the signatures of 20% of the vote-eligible membership and the final text of the proposed amendment.
  - a) Petitions will be rejected by the Board if the petition does not contain the proper number of valid signatures, does not materially alter the intent, purpose, structure, meaning, or authority of the Bylaws, or violates laws of the State of Utah, laws of the United States of America, the governing documents of the NMRA, the governing documents of the Region, or the remainder of the Bylaws of this Division.
  - b) The text of any valid proposed amendment, and the date, time, and place of the meet where the vote will occur, will be published in the next issue of the Division newsletter.
    - i) The vote shall not occur less than two calendar weeks after the proposed amendment was published.



- ii) A quorum of Trustees must be physically present at any meeting where a vote on a proposed amendment will occur.
  - iii) A two-thirds vote of the vote-eligible members present at the meeting will adopt the proposed amendment. Adopted amendments *immediately* become part of the Bylaws. The Clerk will update the Bylaws accordingly, and publish the amended bylaws in the next issue of the Division newsletter.
- 2) Administrative amendments serve only to correct errors found in the Bylaws that, when corrected, will not materially alter the intent, purpose, structure, meaning, or authority of these Bylaws, and may only be proposed by a Trustee. Administrative amendments must clearly indicate the corrections to be made, and shall pass with a two-thirds vote of the Board. A precise summary of administrative amendments passed by the Board will be published in the next issue of the Division newsletter.

## **Article XII**

### **Financial Review**

- 1) The Superintendent will appoint, at the November meet, a Financial Review committee to conduct an annual review of the Division's finances or, immediately upon a vacancy in the office of Treasurer, a Financial Review committee to conduct a special review of the Division's finances.
- 2) The Superintendent, the Treasurer, and anyone who has assisted the Treasurer with the Division's finances at any time during the previous twelve months, are strictly forbidden from serving on this committee.
  - a) A Director will be appointed to chair this committee
  - b) Two members of the Division not currently serving on the Board, and vote-eligible, will be appointed to the committee.
- 3) The Financial Review committee will review the financial records of the Division to ensure that all Division assets have been properly accounted for and that there are no inconsistencies in the financial record. They will report their findings to the membership at the December meet, in the case of an annual review, or at the next member meet, in the case of a special review.

## **Article XIII**

### **Dissolution**

- 1) No part of this procedure for dissolution shall supersede or override the procedures for dissolution as specified in the Articles of Incorporation.
  - a) The Division will be considered dissolved when a proposed amendment for dissolution is adopted, or if there have been no Division meetings held or scheduled for twelve months, or if the Division charter is revoked by the Region.
  - b) Unless otherwise specified in the Articles of Incorporation, the last elected officers will pay all outstanding bills and promptly forward all assets and records to the Region official designated by the Region President. If the Region is unable or unwilling to receive these assets, they will be donated to another 501(c)(3) organization whose purpose is generally consistent with that of the Division.