



The Switch Tower

Vol. 25 No 3

July 2018

Seacoast Division NMRA www.seacoastnmra.org



Seacoast Division Summer Event
July 14, 2018 10:00 AM to 2:00PM
Great Falls Model Railroad Club
144 Mill ST Auburn ME



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The 4th annual Maine Model Railroad Tour will be Saturday, September 8. This is a free, self-guided tour of over 20 layouts in several scales and gauges from York to Bar Harbor . Enjoy meeting the layout owners and their helpers and share model railroad ideas and experiences. Visit our website at: www.mainemodellrrtour.com for complete layout descriptions, locations and photos. FMI, contact Mike Pedersen, 2018 Tour Coordinator, 207-651-2540 or mpederse@maine.rr.com

Enjoy a trip through the [Seacoast Division's Web Site](http://www.seacoastnmra.org).

The President's Lantern by Chip Faulter

Time Management

While we all enjoy model railroading in different ways, scales, gauges, favorite roads, etc., the one thing we all have in common is not having enough time to spend on this great hobby. I thought that once I retired I would have all the time on the world to work on my layout. Well, I have had more time but not as much as I expected. It all comes down to priorities, and where you place model railroading on your priority scale. In the winter, my model railroading has a pretty high priority, right under stoking the wood stove. In the summer, model railroading falls down the priority list somewhat as I like to work on outside projects. To compensate for that in the summer, I plan smaller projects and try to get something done in those short windows of time that become available when it rains.

The Seacoast Division NMRA is really no different from its individual members when it comes to time management. The leadership team only has so much time, especially when you consider we are cutting into our personal model railroading time by volunteering to "run" the division. As a result, the Seacoast Division NMRA Board of Directors (BOD) has decided that in recognition of the time issue, that we will focus on the two areas which touch the most members and provide the greatest benefit to our members: The Switch Tower and our quarterly members' events. The Switch Tower is already a great newsletter edited by Geoff Anthony. However, he is always looking for articles. Each of you has something to contribute. Take a photo of whatever is on your work bench and describe what you did You have just created an article, and Geoff will take care of the rest. We continue to put a lot of effort into planning our quarterly members' events. Tage Erickson is coordinating the Maine events and Glenn Mitchell is coordinating the events in New Hampshire. Both of these guys put in considerable time and effort to acquire meeting space, and create an interesting and varied agenda. Tage recently sent out an e-blast notifying everyone of the Summer Event at the Great Falls Model Railroad Club on July 14. Coming to our members' events is probably the best use of your limited model railroading time. Consider our upcoming Summer Event ... We

have great presentations lined up. Dave Kotsonis is going to cook us a near gourmet lunch. The Great Falls Club layouts will be open to see the progress they have made and you get to socialize with some of the best model railroaders in Maine and New Hampshire. Take the time and come on over.

For those of you that may have a little bit more time, it is not too late to sign up to go to Kansas City of the NMRA national. Go to <http://www.kc2018.org/> for all of the information. Also, the NER Annual Convention will be held in Mahwah, NJ this fall. This is an interesting part of the NER that really hasn't been explored in the past. Go to <http://www.erialimited.org/> to get everything you need to know about our NER convention.

I hope to see you at one of these events ! Take the time !



Editors Note, you know that Custom Finishing kit you have on the shelf, This what it could look like in 29 years

Seacoast Division Summer Event Saturday July 14 10:00 to 2:00

Summer Event will be held at the Great Falls Model Railroad Club 144 Mill St Auburn ME

All NMRA members and any person(s) interested in becoming an NMRA member are invited to the Summer meeting of the Seacoast Division NMRA in Auburn, Maine.

Clinics and Presentation Topics:

Provisional Structures by Victor Hand. We are again, very fortunate to have a retired "real railroader" and a very fine model builder from the Bangor, Maine area, Mr. Victor Hand, with us. Victor will be giving us a presentation on the pros and cons of building "Provisional Structures" for a layout, prior to constructing the final detailed models. He will describe the methods and materials that he uses and show us some items that are the results of his efforts. This will be a very interesting presentation that you won't want to miss.

The Portland Maine Rail Network by Dr. George Carhart, Ph.D. Since many of our members were not able to attend the Winer Event due to weather related issues, I received many requests to have this presentation re-done. George was very willing to do this for us. As the Engineering Archivist for the City of Portland's Department of Public Works, George has access to the City of Portland's DPW Engineering Archives which hold some 100,000 plan sheets and about 1000 photographs that document the infrastructure and developmental history of the city, below and above ground. As a railway and model railway enthusiast, George will be sharing with the group a number of plans and aerial photographs that show the development and the eventual disappearance of the rail network that once encircled the city of Portland, Maine.

Layout Construction Techniques and Update by Jerry Clark. This presentation will focus on Jerry's layout construction progress and the lessons learned. Jerry is utilizing a sectional construction approach and has just finished laying the track in his main yard. He uses the new Micro-Engineering #5 ladder turn-outs and the Berrett Hill Shops touch toggle switches and controls with the yard.

Show and Tell and Ask:

We are going to try something different at this Event. Rick Mills has graciously volunteered to coordinate the "Show & Tell & Ask" segment. He will have some time at the beginning of the Event to explain how it will work. All members are highly encouraged to bring examples of your modeling to show to other attendees for educational purposes (two-way!) and also any questions on model railroading topics to pose to the other members.

We will designate a table for "mini poster sessions". If you have something that you would like to show the members, bring your "show" items and place them on the table, along with a written description, at the beginning of the Event. It would not have to be a poster, a simple printed sheet of paper would work. Your item would be on display for the other members to look over during the course of the Event. If you would still like to have a few minutes to describe your item, you will be able to do that during the "Show & Tell & Ask" segment.

If you have a question that you would like the members to answer, you will be able to place that in a designated area of the table, also. The questions will be answered during the "Show & Tell & Ask" segment. Take advantage of the cumulative experience of all of the attendees to make your modeling experience more enjoyable. Contact Rick Mills or Tage Erickson, with any questions or information about your showing.

Seacoast Division Summer Event Saturday July 14, 10: to 2:00

Figure Swap:

Also during the Event, we will be having a "Figure Swap." Some scenes on layouts are not complete until they are populated with model people. We are inviting all members to bring any figures that they are interested in getting rid of, or swapping with figures another member might have that you may need for your particular layout situation. You may find another member that needs something that you have or vice-versa. **Larry Cannon** will be running this segment and will explain the ground rules at the beginning of the Event. The basic guidelines are for members to bring groupings of five or more painted or unpainted figures in clear plastic sandwich or other clear plastic bags. You decide the "exchange rate" for swaps. Members without figures to swap are allowed to make cash offers to those offering figures. The "Figure Swap" will take place during the Social Time/Lunch Break.

Layout Tours:

Larry Cannon has once again volunteered to open up his layout for tours, following the meeting. Larry has been working steadily on the scenery and track-work of his layout. If you have never visited or haven't seen his "Otter Valley Lines" layout recently, this would be a great opportunity to do so. Directions to Larry's house will be provided at the meeting.

FOR SALE!

There will be a table set up for any members that wish to display any surplus modeling items they may have available for sale. If you have any model railroad related items (loco's, rolling stock, buildings, etc.) that you don't need and wish to sell, you are encouraged to bring them to the meeting. Please put a tag on each item with your name and the asking price. Maybe one of your fellow members might be interested!

Social Time:

Similar to our other recent Events, there will be a 30 minute break for lunch and socializing. As in past Events at this venue, lunch will be available on-site for purchase, or you can bring your own lunch or snacks. It will be similar to the lunches that have been provided in the past and will be coordinated by **Dave Kotsonis**. Also, please take some time to visit the many different scale layouts that are available for viewing at the Great Falls Model Railroad Club. If you haven't been here before, you will find this is a very special place.

There will be a drawing for door prizes, too!

The Quarterly Board of Directors meeting will precede the program, beginning at 8:30 AM.

All members are welcome to attend and observe the Board of Directors Meeting.

Come to the Summer Event and **Share the Fun of Model Railroading!**

Next Event: October 13, 2018 in Stratham, New Hampshire. *Mark your calendar and save the date!!*

www.seacoastnmra.org

Spring Event by Glenn Mitchell

The Seacoast Division Spring Event was held on April 7, at the Governor's Inn in Rochester, 78 Wakefield St., Rochester, NH. Seacoast Division would like to thank Chris Oliver one more time for providing the venue.

The attendance was much better than expected, especially since several regular attendees were participating in RailRun. 47 people (Chip please confirm the number) attended and 7 were new attendees to the Seacoast Events with a few of those being new NMRA members as well.

The Event kicked off at 10:00 AM. After welcoming everyone, new attendees were recognized and each introduced himself and stated interests and accomplishments. President Chip Faulter followed and introduced the BOD and officers.

Chris Oliver was up first and he presented "An Introduction to Model RR Automation Using a PC, DCC, & Sensors." Chris started with a high level view of what automation can do, why a modeler would want to do it, and then dispelled the myths that it is too hard, too involved, "won't work on my layout", etc. Chris discussed software options and reasons for choosing "Train Control" by RR & Co. of Germany and pointed out the value of "simulation first." The software is supported by on-line tutorials and can be use on a free trial basis. Next Chris discussed the fundamental rules, concepts, and building blocks needed and the hardware he chose to use. Chris wrapped up with "Tips for Success" – based on the lessons learned by experience.

Rich Breton was next with his presentation "Improving Rolling Stock – Making Old Like New." Rich gave detailed examples of improving the operation of several brands of rolling stock by upgrading or replacing trucks and wheel sets, replacing couplers, including upgrading the coupler pockets, and insuring the weight was correct for the car size. He also discussed general purpose and specialized tools needed to make the modifications. Finally Rich instructed the audience on how to add electrical resistance to wheel sets for block detection. His techniques for mounting the resistors and his choices for materials used gave the audience valuable information for enabling block detection.

Dave Sias gave us his views, choices and techniques on track cleaning. His four choices for track cleaning solvents will help the members of the audience be able

to instantly narrow down the hundreds of choices in the literature. His positive results with "No-ox" were discussed. His experiences with new, used, and abrasively cleaned track work implied his disfavor of abrasive track cleaners.

in After a 30 minute lunch break, Dwight Smith, MMR, gave his "How to Replicate a 1950's Full Size Railroad in HO Scale" presentation. Dwight gave us detailed walk-thru of many "scenes of the 1950's" that he created on his layout. He described the origins of each scene and his life events that inspired him to include each model that he created. Many of the models are contest winning structures. He described how all of his family members' names are included his models. His well-deserved pride in his creation came through in the presentation. Dwight and his accomplishments are an inspiration to all of us.

We all thank Chris, Rich, Dave, and Dwight for taking the time to prepare and give their outstanding presentations. Each of the presenters received a Certificate of Appreciation from the Seacoast Division.

Unfortunately, the "Show, Tell, & Ask" had to be cancelled due to time considerations. This is the second event where this happened and we will work to avoid this the future.

Tom Oxnard, MMR announced the NER "inter-division" contest for the most Golden Spike Awards earned by a division in 2018. The requirement for the Golden Spike Award can be found on the nmra.org website. If you have built a layout or a module with working track, some structures, and some rolling stock, you may have met the requirements already. Check out the requirements and join me in earning The Golden Spike Award. An undisclosed prize awaits the winning division

Tom Oxnard, MMR and Larry Cannon, MMR presented the Chief Dispatcher AP Award to Glenn Mitchell.

Finally, closing remarks included thanks to the presenters and attendees. Upcoming events that were mentioned were:

HUB Division Spring Training on April 14

Spring Event by Glenn Mitchell

Tage Erickson discussed the Seacoast Summer Event at the Great Falls Model Railroad Club in Auburn ME on July 14 2018

Seacoast Fall Event in Stratham NH. On October 13, 2018 Tentatively, Ken May will be bringing 24' of modules for hands on operation.

Mike Peterson, the coordinator for the Maine Model Railroad tour, discussed the upcoming tour, Saturday September 8, 2018 and thanked the Seacoast Division for its support.

During the event several tables of model railroad items were available for sale by members. Mike Peterson had a table of t-shirts for sale as a fund raiser for the Maine Model Railroad Tour. Larry Cannon held a raffle of 5 blocks of items.

The Spring Event was adjourned around 2:30.

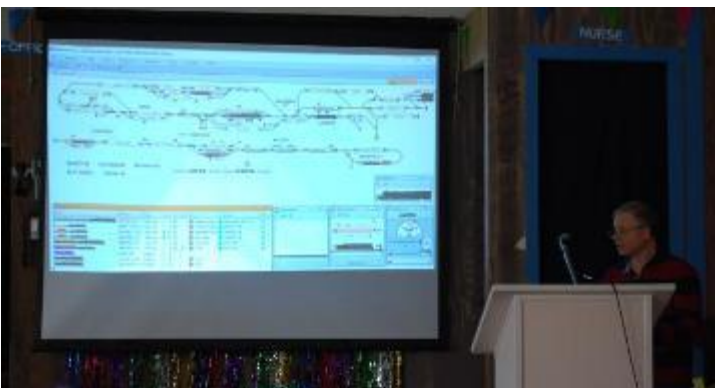
Following the conclusion of the Spring Event, Chris Oliver's Southern Pacific thru Donner Pass layout and the Heritage Park Railroad Museum's Boston and Maine – 1909 layout were open for attendees to tour.



Dwight Smith gave a presentation on how to model a 1950's full size railroad in HO scale. Photo by Ralph Brown



Dave Sias gave a presentation on various track cleaning techniques. Photo by Ralph Brown



Chris Oliver gives a presentation on Model Railroad automation phot by Ralph Brown

Chip Faulter brought his CB&Q station from Loveland CO. to Show. Photo by Ralph Brown



Seacoast Board of Directors Election Nominations By Bruce Robinson

Seacoast Division Board of Directors Elections

WE ARE GOING TO HAVE AN ELECTION! What does this mean? This is the opportunity for you to come out of your closet and move into another part of this great hobby: service to the hobby. That may sound grandiose or even a little challenging but offers many rewards.

Do you have any new ideas on how to improve your Division? Do you want to join in with a bunch of people, just like you, who want to give something back to your Division? Do you have skills or experiences coupled with a big desire to contribute? Well, now is your chance.

Three openings on the Seacoast Division Board of Directors will be up for election by the membership at the January Quarterly Meeting in Portland, Maine.

Here is what you need to do: Say to yourself "I want to do this!" Then do a write-up of your wants/desires to become a Division Director and e-mail it to the Division Nominating Committee at brobinson85@comcast.net. Pretty simple isn't it? The Nominating Committee will review all the submissions and send them off to the Switch Tower editor for inclusion in the October issue.

This is an opportunity to put something back into the Division and serve the membership with new ideas, dedication and insight for what you want the Division to become. Please consider running for any office that is available.



ACHIEVEMENT PROGRAM by Larry Cannon**Golden Spike Awards**

These awards are designed to be part of an introduction to the program and require display of basic, relatively easy to learn, model railroad skills. They do not have to be evaluated by designated AP Coordinators, but the Regional AP Chairman prefers that if a Coordinator not be available, the person signing the member's application be designated by one of them who has read and understands the award requirements and who has visually reviewed the applicant's efforts for completeness.

Given the Division's geographical extent, this makes it easier for anyone to earn this award. I urge those of you in the areas where access to the Division AP Coordinators is not readily available to find other modelers either to help them earn the award, or to help you earn your own. It is also a chance to expand your social enjoyment of the hobby communicating with other modelers. The Coordinators should be contacted when ready for a signature.

Apprentices for Evaluations and Judging

Contests involve judging of two types: Peer "judging" in popular vote contests and Merit judging with AP qualified judges. Merit judging where its categories overlaps AP categories, utilizes AP evaluation standards and matrixes, but does not encourage communication between the judges and the entrants during judging. Evaluations do allow discussion of the model.

Most NMRA Contests make apprentice judging positions available to build a larger pool of judges for Contests and the AP. It is also a great opportunity to learn what is involved in building better models. It is virtually impossible to be involved as an apprentice and come away without any new ideas and knowledge of how to build better models. Most judging efforts generally have room for apprentices.

Locally, being an apprentice to evaluations allows AP Coordinators to help build the pool of qualified evaluators and judges. To be an apprentice evaluator, you need to have read the standards and reviewed the matrixes, have some modeling experience, and have an interest in the AP. Remember that it requires two qualified evaluators to sign off on the evaluation forms for the AP categories where evaluations are required. Being an apprentice enables you to further learn the standards and understand how to apply the matrixes.





There are only three months until the Northeastern Region's 2018 Erie Limited convention is underway! Have you registered, yet? Register by July 31st to save \$10 on the registration fee!

You can also register for tours, clinics, the banquet and note your interest in operating sessions. If you prefer to download the registration form and mail it in, just visit the convention website at ErieLimited.org for the forms.

Need a place to sleep during the convention? Don't forget to book a room at the convention hotel. The Erie Limited convention headquarters is the [Double-tree Hotel](#) in Mahwah, NJ. Be sure to use group code "NER" when booking your room.

The convention will run from September 13-16. Register and mark your calendars!

Here are some events at the convention

Clinic: How does Bowser Mfg make a new HO locomotive?

Many of you likely have a locomotive on your layout



Mold for HO scale RS-3, photo by Bowser

manufactured by Bowser. Have you ever wondered

what it took to produce that locomotive?

Lee English, the CEO of [Bowser Mfg](#), will talk about the process his company uses when producing a new locomotive.

Lee will discuss the research involved, the tooling and molds required, and final production. He will talk about the company's new RS-3 HO locomotive as an example in his presentation. Samples of molds and models will be on display during the clinic.

The Bowser Mfg clinic is one of over 50 clinics for you to choose from during the convention. To see what else is offered, check out the [clinic descriptions](#) and read the [biographies of the clinicians](#).

Layout: The New York Society of Model Engineers



Did you know that one of the model railroad clubs in New Jersey has ties to Hoboken Terminal, shown above? In the 1940's-1950's, the [New York Society of Model Engineers](#) called Hoboken Terminal "Home".

Today, the club has its home in Carlstadt, New Jersey. The club houses two layouts, the O scale Union Connecting and HO scale Union, Hoboken, and Overland.

The O scale layout is based on the Erie Railroad between Jersey City and Port Jervis. The railroad



features a 4 four-track main line, which splits and comes back together at Ridgewood Junction. The layout has two passing sidings, a large freight and coach yard, a branch line, and an operating trolley system. Track on the O scale layout is also hand laid; there are also 28 double slip switches, 200 turnouts, and over 17 scale miles of track. Current projects on the railroad include a replacement of all control panels, installation of a signaling system, improving scenery, replacing the trolley system overhead wire, and expansion of the Port Jervis yard.

The HO layout went through three revisions and was totally ripped out in 1985. The new railroad is designed to be a walk around layout. There is a two track mainline with a branch line that has plenty of industries to be serviced. A large freight yard was also constructed and includes an operating hump yard for sorting out cars. All track is hand laid with code 83 rail on wooden ties. There are 237 switches all powered by Tortoise motors. Overall the railroad is about 5.5 scale miles. Our most recent improvements to the UH & O include a prototypical signaling system, the addition of digital control system (DCC) for the entire railroad and installation of an interlocking connecting the main line, branch and flat yard.

Non Rail Tours

Paterson Great Falls National Historic Park

Just up the street from the Roger's Locomotive Works, now the Paterson Museum, is one of the newest historical parks in the National Park system, [Paterson Great Falls](#).

When Alexander Hamilton saw the falls for the first time, with George Washington and the Marquis de Lafayette, he likely started thinking about how the power of the falls could be harnessed. Hamilton returned to the falls after the Revolutionary War and started a new revolution in this country: The Industrial Revolution.

Today, you can visit the falls. And, you can also see the water raceways used to power the many factories that were built, including the Roger's facility, shown

above.

Next to the grounds of the National Park is [Hinchliffe Stadium](#), used by the Negro League for baseball, when baseball was still segregated.

There is a lot of history and natural wonders packed into a small area of Paterson. After your visit to the falls and museum in Paterson, reward yourself with a short side trip to another highlight of the city, [Gelotti](#). Gelotti is well known in the region for its homemade ice cream. Fantastico

Website and Facebook

To stay on top of updates for the convention, be sure to bookmark the convention website at ErieLimited.org or like us on Facebook at <https://www.facebook.com/ErieLimited2018/>

Convention Contacts

Convention Chairmen, Tom Wortmann

Clinics	Bruce De Young	bbdey-oung@comcast.net
Layout Tours and Operating Sessions	Jim Homoki	heavyelectric@netscape.net
Prototype Tours	Andy Brusgard	ajb1102@comcast.net

Loudon NH Boy Scout Jamboree by Bruce Robinson



Attached are two photos taken at the Boy Scout Jamboree in Loudon, NH, May 5, 2018.

Erich Whitney and I posed with Erich's Troop for the photos.

Attendance was over 4700 scouts and leaders and the model railroad display was a part of the STEM exhibits.

Pizza Box Track Planning by Rick Mills

This article describes a classic method of track planning, which allows you go from an idea directly to laying track - bypassing the scale drawing stage entirely. This is the method I used on my layout. It still works fine, and plus you get a pizza (or two) to eat!

PREPARATION

This assumes you have your benchwork ready. Having a rough sketch is helpful to begin, but is not required. You can design on the fly as you go along.

You will need one turnout of each size you plan to use (#4, #6, etc). Either left-hand or right-hand is fine. If you don't have turnouts in hand, many manufacturers offer actual-size image downloads from their web site.

Place a turnout in a photocopier and make a bunch of copies of it. If you only have a left or right, flip it over and copy the other side to make the mirror image turnouts. Cut out the images. The only critical part here is to cut exactly on the track ends.

Obtain a large pizza. Eat (or discard) the pizza, and save the box lid. (Any large flat piece of cardboard may be substituted). This will become your template.

Make the template by drawing a quarter-circle on the cardboard of your desired minimum radius curve. Track radii are measured to the track centerline. For HO, subtract 1/2" since we will be measuring to the inside of the track. See figure 1. If you want a 24" curve, make the cardboard's radius 23.5". For my HO layout, I used two: a 20" radius for industrial trackage, and 24" for everything else. Cut out the templates.

EXPERIMENTATION

Now we begin. Place the turnout copies on the layout, approximately where desired. Try "connecting" them using flex track. When you have a curve, use the template as a feeler gauge on the inside of the curve. If the track encroaches on the template, your curve is too tight. Adjust location of your turnouts so any

curves fall outside your templates.

EASEMENTS

Easements are used to gradually enter a curve, both on the prototype and models. Easements improves reliability and avoid the tinplate-train-suddenly-lurching-into-a-curve effect. For a full discussion of creating easements, refer to the NMRA Data Sheet at tinyurl.com/myeasement. Here is a quick-and-dirty method of creating a certain radius curve with easements:

Extend the lines of the two tangent (straight) tracks on either side of your proposed curve, until the lines cross. See Figure 2.

Place the template inside the intersection, but space it out a bit (offset) from each line. An offset between 1" and 2" works well for HO.

Place the flextrack tight to the center portion of the template, and allow the ends to join the straight track naturally. A flexible yardstick on edge can also be used. See Figure 3.

Draw a pencil line along your desired track line.

TRACK LAYING

To make an adhesive that is flexible and repositionable, use white latex caulk. Squirt some into a container. Tint it by adding earth tone acrylic paint (so it won't be obvious if it shows between the ties) and mix. Apply sparingly to the track centerline using a putty knife. Press turnouts in place, and connect using flex track along the lines drawn earlier. Curved track may need some track nails or pins to keep it from springing back. You will be able to reposition track as needed for a few hours before the caulk dries.

Once you are happy with it, secure with some track nails.

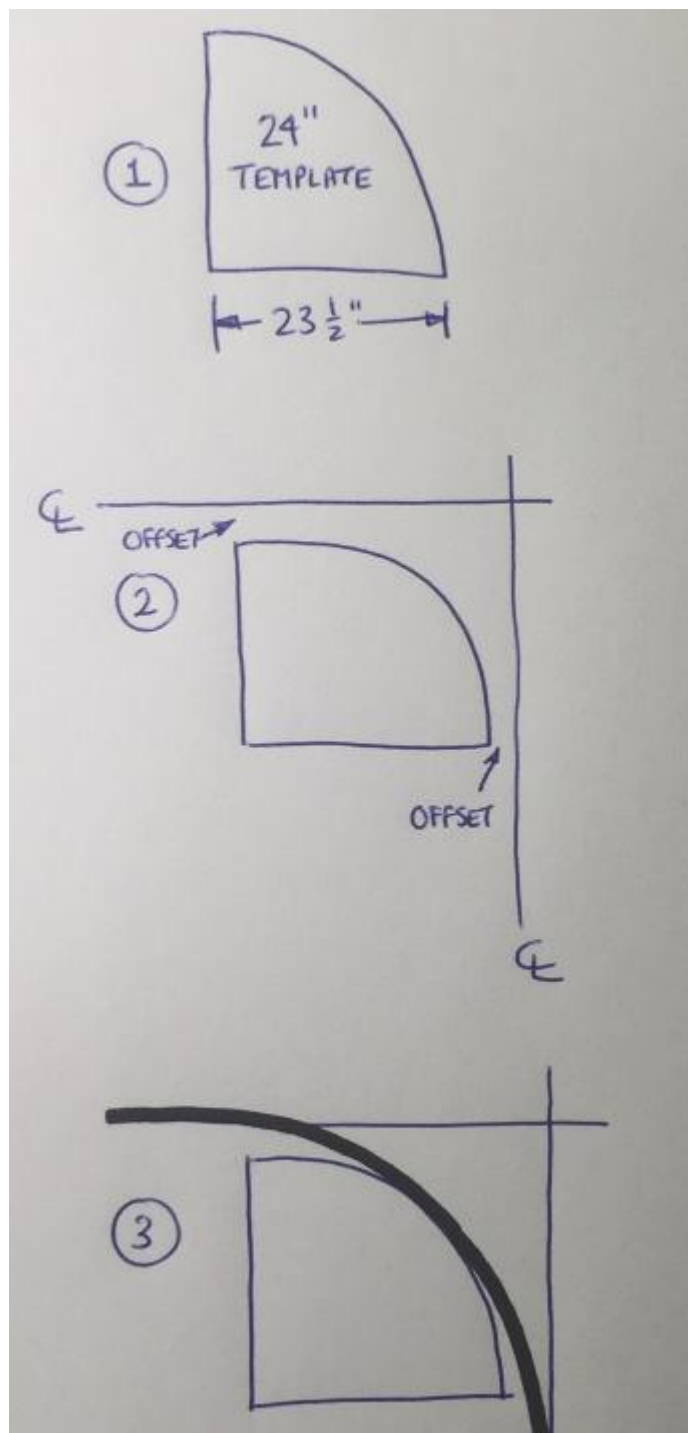
Removal, if needed, can be done by prying a putty

Pizza Box Track Planning by Rick Mills

knife under the track and popping it off the caulking.

If you need assistance disposing of additional pizza, give any of your Seacoast Division buddies a call.

Photos of the Eastern Maine Model Railroad Club ;
The club will be on the Maine Layout tour on September 8, 2018 Come on by and visit



The Switch Tower

AP Report by Tom Oxnard MMR NH

Larry Cannon MMR ME

Maine Activity:

Since the last report Bruce Campbell, Tage Erickson and Michael Pederson have earned and received Golden Spike Certificates. Peter McKinney has earned his Dispatchers Certificate and as a result, has an extremely detailed track plan for his Bangor and Aroostook layout under construction! Congratulations to them all!

New Hampshire AP Report-

John McHugh from Plaistow NH has earned his Association Volunteer AP Certificate. Glenn Mitchell has earned his Chief Dispatcher AP Certificate. Golden Spike Awards have been earned by Nelson LeMay, James Ehlen, and Rich Teer. Congratulations to you all.

New Members Report By Lew Champagne

Michael Wood, Manchester, NH.

Roger Kahn, Bedford, NH

Howard "Butch" Taggart, Gilford, NH

Michael McBride, Boothbay Harbor, ME

Edward Faldetta, Londonderry, NH

Walter Jablonski, Derry, NH

Ken Sauer, West Chesterfield, NH

July 2018

Timetable

Jul 14	Seacoast Summer Event	Auburn ME
Jul 8-14	Lionel lots convention	Manchester NH
Jul 14	Manchester Model Train Show	Manchester NH
Jul 13-15 and 20-22	Day out with Thomas Conway Scenic	N Conway
Aug 4	Rail fan Day Boothbay Village	Boothbay ME
Aug 18	Maine Garden Railway Mill Field Festival	N. Berwick
Aug 19	Concord Model Railroad Show	Concord NH
Sept 1-2	Rail Fan weekend Conway Scenic	N. Conway NH
Sep 8	Maine Model Railroad Tour	Maine
Sep 23-29	Railroading at the Cumberland Fair	Cumberland
Sep 29-30	Model Train and Hobby Fair	Philips ME

Seacoast Division NMRA Leaders



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The Switch Tower is the quarterly publication of the Seacoast Division NMRA. Past issues can be down loaded from <http://seacoastnmra.org>. Contributions of articles and other content are welcome and encouraged. Email them to editor@seacoastnmra.org 30 days or more prior to one of the publication dates (January 1, April 1, July 1, and October 1)



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