

HUB Headlight

HUB Division Inc., Northeastern Region, National Model Railroad Association - Volume 30 Number 5, May - June 2014
<http://www.hubdiv.org>

RAILFUN TIMETABLE

Presentation; Signaling Basics

By Pete Watson, MMR 118

8 PM Friday, May 16, 2014, Cambridge School of Weston

Signals play a vital role for prototype railroads. Without them trains would not be able to safely move at speeds higher than a crawl. Signals for model railroads, on the other hand, are primarily window dressing, they add another dimension of realism. Until recently, it was difficult to accurately model a working prototypical signal system but recent advances in technology have made prototype signaling for our model railroads pretty easy to accomplish and increasingly popular. The HUB Division Modular Group has been working for some time to add prototype signaling to its modular layout and is at the stage where it is now up and running with several members working on adding signals to their modules.

The question now arises, "what the heck does that signal mean?" There is a lot of information conveyed to the train crew in those signals, they tell the crew more than simply STOP or GO. In this clinic, we will take a look at prototype signals. We will examine what the various signals mean and how they are used by the people who are running the train. For this clinic, we will use the NORAC Operating Rules. Besides being an avid model railroader, Pete Watson also works for the Massachusetts Bay Commuter Railroad as a locomotive engineer.

Presentation: Airbrushing Basics

By James VanBokkelen

8 PM Friday, June 20, 2014, Cambridge School of Weston

Many of you modelers have probably tried chinks, Bragdon materials, paints and washes for weathering. However you have probably stayed away from airbrushing because you think it either requires a lot of skill or is just too expensive. James is offering to help you overcome those fears. If you would like to learn to paint a wooden building without warpage or achieve some neat weathering effects, this clinic is for you. It is a great way to provide a fine coat of rust, soot or road grime to give the look of "in service" to rolling stock. If you are thinking of making your next purchase an airbrush, perhaps James can give you some specific pointers on types, their care and proper usage for a lifetime of fun. Last time James gave this clinic was several years ago but I always seem to learn something new from him. We scheduled this for June so we can vent two spray booths outdoors from the facility. So all you modelers new and old come on down and join us. James Van Bokkelen demonstrates how to use an airbrush to paint and weather equipment and structures. There will be a handout explaining important points. During the demonstration, James will talk about what he's doing and answer questions from attendees.

(Continued Page 2)

The map to Cambridge School of Weston appears on page 11.

INSIDE: Nauset Model Railroad Club Page 4
Coal Loads and Sound Page 8

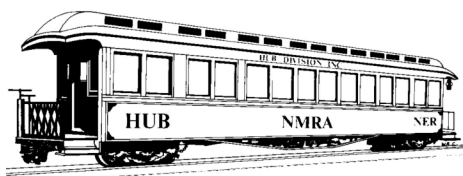
Cape Cod Elegant Dinner Train Excursion! May 31, 2014

You don't want to miss out on this excellent HUB-sponsored event. The train will be departing Hyannis Station at 5:30 PM for a trip across Cape Cod and over the Cape Cod Canal railroad bridge to the village of Buzzards Bay. In climate-controlled comfort, you will enjoy a five-course meal with your choice of entree. Please see the flyer on the website at <http://www.hubdiv.org/schedule.htm> and see Page 6 for a registration form.



HUB Summer Picnic at Waushakum June 22, 2014

This year, the Summer Picnic will be held in June to avoid a conflict with the NMRA convention in July. We'll be at Waushakum Live Steamers in Holliston, MA, on Sunday, June 22 (rain or shine). Check the HUB website and our Facebook page for further details.



THE PRESIDENT'S CAR

by Manny Escobar

As we roll down the tracks into the Spring, I want to thank the volunteers, department / committee chairs, and especially the members for a fantastic year. I would like to also thank the board for re-electing me to continue as your President of the HUB Division for the coming year. The annual elections have brought new faces to the board: **John Doehring** and **David Insley** as your new board members. **Dan Fretz** was re-elected to the board. We all look forward to working with them and receiving their fresh ideas. I would like to say thanks to **William "Bill" Barry** and **Gerald "Gerry" Covino**, for their dedication to our organization and hobby. They have been a great asset to the membership, to the board and to me. Both will continue to serve in their respective appointed office.

As the year steams up, you might have received a fundraiser letter from me to raise money for a new Modular Group trailer. Please give to this cause as much as you can. Remember the Modular Group serves as our "ambassadors" to our model railroad hobby and organization.

I still would like to bring to the membership a fundraiser campaign, as I mentioned in the past Headlight, to create a fund for the future of the HUB Division. The HUB membership works hard to ensure the continued educational development and enjoyment of the hobby for us with events such as "how-to" modeling clinics, group outings to railroad locations throughout the Northeast, guest operating sessions at other model railroad clubs, as well as active involvement with the National Model Railroad Association. One event was back in April, 2014, at the Railfun, "Hands-on Clinic: Scratchbuilding an HO Shed" by **Don Howd, MMR**. This month's presentation is "Signaling Basics," presented by **Pete Watson, MMR**. Both speakers are "Master Model Railroader" (MMR) certified from the NMRA. The knowledge and talent of these two MMR's are amazing.

There are a few other items and events to bring to your attention: the **Cape Cod Dinner Train Excursion**, Saturday May 31 (sign-up deadline is May 23). The HUB Summer Picnic 2014 is early this year and will be held again, for those big kids, at the **Wauashakum Live Steamers**, Holliston, MA on Sunday, June 22. Then on Sept 11-14, is the **NER Convention: New England Diamonds 2014** in Palmer, Massachusetts.

On a sad note, we have lost some great modelers this past year; John Pryke, Glenn Owens, and most recently Charlie Ricci. Our prayers and condolences go out to their families. We will miss them.

"Keep on Chugging"!

RAILFUN TIMETABLE

(Continued from Page 1)

Our Season Opener and Welcome

By HUB Division Members

8 PM Friday, September 19, 2014,
Cambridge School of Weston

To kick off a new year of RAILFUN Events, and to welcome everyone back from our summer break, we are going to hold an information-sharing night where you will have an opportunity to meet and learn about the interests of others. We will take a departure from our normal meeting format and, instead, offer members the chance to give mini-presentations about your layout, "What I Did Over the Summer" on my layout, or to share hints and tricks. So, bring your little presentation or demonstration and we will give you 15 minutes to do your thing. If you bring your digital photos or a PowerPoint presentation, we will supply the laptop and projector. Email Ray Barry at Railfun.coordinator@hubdiv.org so he can schedule the number of presentations.

New England Diamonds



Palmer, Massachusetts

The Town of Seven Railroads

Please visit the convention website www.nediamonds2014.org now to sign up for the HUB/Nutmeg Division- sponsored NER convention September 11 to 14.

HUB Division Calendar of Events (Subject to Change)

2014

May 16 (Fri)	HUB RAILFUN Meeting, 8 PM, Cambridge School of Weston, Weston, MA
May 31 (Sat)	HUB sponsored Dinner Train - Cape Cod Railroad, 5:30 PM departure, Hyannis, MA
Jun 20 (Fri)	HUB RAILFUN Meeting, 8 PM, Cambridge School of Weston, Weston, MA
Jun 22 (Sun)	HUB Summer Picnic, Wauashakum Live Steamers, Holliston, MA
Jul 13-20 (Sun-Sun)	2014 NMRA National Convention, Cleveland, OH. HUB Modular Railroad on display
Jul 25 (Fri)	Submissions deadline for the HUB Headlight Sep-Oct issue
Sep 11-14 (Thur-Sun)	2014 NER Convention, Palmer, MA, co-hosted by the HUB and Nutmeg Divisions
Sep 19 (Fri)	HUB RAILFUN Meeting, 8 PM, Cambridge School of Weston, Weston, MA



Shanty Talk Math, Minutia and Ribbed-Back Wheels

by Rudy Slovacek

As some of you know, I've been working on a D&H wooden caboose. But having once started, I decided to take a page from Henry Ford and do a little assembly line work. In addition to the D&H caboose, I also have an Erie kit that is a dead ringer for the wooden Napierville Junction Railway hack that ran behind freight from the D&H northern terminus at Rouses Point to Delson, Quebec. A couple years back, when proto 2000 introduced their RS2, they had a NJ-lettered unit and I could kick myself for not getting one. But I digress..... Since many a caboose from the steam to diesel transition wore plain boxcar or oxide red paint schemes, I took the opportunity to spray paint the scribed wood sides and end pieces for several units all at once. After all, the spray gun was working on a nice summer day, and one might as well take advantage of it. While the kits were meant to have the cupolas simply glued to the roof, yours truly decided to add a bit of internal seating detail that meant putting large holes in the roofs for the upper seating arrangements. Do you have any idea how fragile the roof is with the cupola space cut out? Some epoxy and wood strips later.....

Now comes the hard part. Try finding internal scale drawings for your particular caboose? Don Howd did supply me with a small handout flier of a wooden Erie caboose with an internal diagram too small to contain dimensions. By expanding the drawing

on a copier and scaling the dimensions to a known length number I will be able to compute the approximate dimensions for the innards of that Erie (now NJ) caboose; hence the use of math. I do have pictures of a center cupola D&H unit but the insides of the as-built, end-style cupola are harder to come by.

The details are probably best found in pictures of the exact equipment being modeled. In my case, this meant pouring over pictures in the "Cabins, Crummies and Hacks, Vol. 1, North and East" and my D&H monograph "Freight, Passenger and Work Equipment Development, the First 100 Years," mentioned earlier. Also, I've spent some time researching caboose pictures from the Bridge Line Historical Society Website as well as several of the photo archive websites. If you're lucky you can find several views for the particular unit of interest taken in the exact timeframe you model. A couple examples of the minutia include: the NJ unit had a straight stove pipe, the ladders were on the left side of the platform and leaf-sprung trucks were used. The early D&H unit with tall windows appears to have the center cupola windows covered, and arch-bar trucks with springs were used. Later D&H units with the smaller windows had the diagonal metal side braces, but they do not appear on any of the older unit pictures I found. It is my guess that when a wooden caboose was upgraded to the smaller windows, the outside bracing was also installed. So much for minutia, I'm sure after the model is built someone will correct me!

Finally, I was curious about whether my trucks should be sporting ribbed-back or plain-back wheels. The answer, of course, is that it depends on the exact era in which my models will be operating. From my Internet reading, the spiraling ribs on the back of a wheel plate are called brackets, and usually indicated

that the wheel was cast iron and made after 1920. The brackets added strength to the cast iron by passing the stress from the flange to the plate, which supports the rim. Also the ribbing was thought to aid in cooling the wheels after long brake applications necessary before dynamic engine braking became technically feasible with diesel electrics. Cast iron wheels could not be used on new or rebuilt cars after 1958, and were banned for replacement on existing cars after 1964, but remained acceptable in interchange service until 1968. Interchange rules before 1964 curiously permitted replacement of wheels by the cheaper cast iron version, as billing charges were restricted to the less expensive cast iron wheel rate rather than the more expensive wrought steel wheels. After 1968, only wrought steel wheels were accepted in interchange service. Wrought steel wheels became more widely used after 1942 and did not have brackets on the back of the wheel plate. (An excellent description of this shift from cast iron to wrought steel can be found in the third quarter 1996 issue of the Central Headlight newsletter of the New York Central System Historical Society. It was published as an answer to a question in a column edited by Bob Cosgrove).



As you may have guessed, the work is progressing slowly but steadily. In addition to the actual modeling, this D&H fan is having just as much fun with the research needed to make a plausible model. Hope you're also having fun with your modeling projects. So long for now and have a nice summer!



NAUSET MODEL RAILROAD CLUB

25 Years of Growth, Community Service & Fun on the Cape!

by Jay Stradal, Club President

When you hear "Cape Cod," you might think of sun, surf, sand and, hopefully, steamers. Not the kind you eat, but those running on rails at the Nauset Model Railroad Club (NMRC) in Orleans. The club is celebrating its 25th anniversary this year.

Our unique location at the gateway to the National Seashore has drawn more than 2,500 train buffs each year from across the U.S. and Canada, and as far away as Great Britain, The Netherlands, Japan and China. Our club is also unusual in that we operate five different layouts – HO, O, S, G and N – in one 3,000-square-foot space. Seldom can you find the most popular model train scales displayed together and see so much of what our great hobby has to offer.

Founded in 1989, NMRC today has 70+ members. We are a mix of active collectors with home layouts, experienced modelers and authors, newcomers to the hobby, and others who simply enjoy learning and talking about railroading. We meet weekly to run trains, build models, watch videos, have clinics and share experiences. Yet this is only part of our story.

Growing the Hobby

One of our club missions is to "grow awareness of, and interest in, model railroading within the community." To do this, we host annual Open Houses on Wednesday evenings in July and August, and on Saturday afternoons from Thanksgiving through New Year's Day. Visitors are also welcome at club work sessions on the second, third and fourth Friday evenings of the month, year-around. This means we are open to the public at least 50 days a year, and admission is always FREE (donations are appreciated).

A member of the Orleans Chamber of Commerce, we participate in town events such as parades and holiday festivals. Also, we host model train displays in the area and work with local businesses and organizations to promote the hobby. In July, you can see our booth and operating layout at the Barnstable County Fair. At the end of each year, we donate train sets to needy children on the Cape.

One of our biggest collaborative projects outside the club has been building and operating an HO layout for the Harwich Historical Society that accurately portrays mid-Cape railroading in the early 20th century. This layout, with its

period structures and topography (also seen in historical photos and maps around the room) has been a key exhibit at the museum for seven years.

Something Magical

Back at the club, we love to watch the amazement on peoples' faces as they enter the room and see our miniature worlds unfolding in front of them. There is movement everywhere, not just from the trains but also from excited guests bustling about, re-living fond childhood memories and making new ones.

The first layout visitors see is the HO railroad measuring 14' x 35' overall. Wired for either DC or DCC (Lenz) control, it consists of two main track loops around the perimeter (each about 100' in length) perhaps carrying long trains of 50 cars or more. Inside the loops and on peninsulas are several freight and passenger rail yards, numerous industrial sidings, a trucking terminal and a locomotive servicing facility with turntable and 9-stall roundhouse.

You can also look into coal mines, and see utility workers on the job above and below ground. We even have a magical

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The moon rises over Nauset Light as the evening local freight passes by on the club's HO layout. Photograph by Mike Karaim

The *Headlight* is always accepting photos and articles relating to model and prototype railroading. Please email editor@hubdiv.org.

NAUSET MODEL RAILROAD CLUB

(Continued from Page 4)

"pet" giraffe and our own "big bird" for younger children to spot.

Two in One

Next is our 14' x 39' O-scale railroad that is really two layouts in one. First, on a center peninsula is a 4' x 20' classic 1950s-era ("post-war") *Lionel* layout with urban and industrial scenes. Accessories include an operating bascule bridge, crossing gates, and milk, log and ice loaders.

The rest of the layout has newer O-gauge equipment running on two main-level loops with many sidings, one elevated loop, a ramp connecting the two levels, plus tracks linking the post-war and newer layouts. Scenery ranges from ceiling-high mountains at one end to Cape Cod on the other, with a lighthouse overlooking a shark-infested cove, Liam's Clam Shack (a Nauset Beach landmark), and Provincetown's Pilgrim Monument in the distance. The layout is run by an MTH Digital Control System and a Lionel TrainMaster Command Control system. A Lionel Legacy Control System is being added.



A vintage Lionel steam engine thunders through the city on the club's O-gauge layout.
Photograph by Mike Karaim

Fire Trucks Galore

Continuing around the room, our 14' x 34' S-gauge layout comes into view. It features both vintage *American Flyer* and modern scale equipment. There are two main track loops with various industrial sidings and a small freight yard. Inside the loops on a peninsula is an urban scene with a larger rail yard, more industries and a passenger terminal. Operations are controlled by

an MTH Z4000 transformer with hand-held units.

On that layout, visitors will see firefighters battling a house fire, a car-crash scene with emergency responders and medical helicopter overhead, and a trainload of fire trucks depicting an actual simulation on the *New Haven RR in 1954*—all created by a club member who is a retired fire chief. Also featured are twin parks: one has swimmers enjoying a pond-front beach, and gazebos containing a wedding party and band; the other depicts a local fair with a marching band and operating carousel and Ferris wheel.

Largest to Smallest

Suspended from the ceiling above the S-scale layout is our G-scale railroad, consisting of a 14' x 34' oval with two passing sidings. Its shelf-like construction allows only minimal scenery, yet guests can get an idea of why these big, rugged trains are best suited for large displays and indoor/outdoor garden settings. Our equipment includes several circus cars and, for the holidays, a string of boxcars sporting miniature versions of Christmas art by Norman Rockwell.



Colorful boxcars are set out on a busy industrial siding on the club's S-gauge layout.
Photograph by Mike Karaim

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NAUSET MODEL RAILROAD CLUB

(Continued from Page 5)

The final stop in our club room is the N-scale layout, the smallest trains we have. It measures 10' x 14' and features upper and lower main loops with a freight yard and passenger sidings inside. There is also an engine servicing facility with turntable and roundhouse. Power is DC.

This layout features mountains and a river valley made of Styrofoam, and crumpled newspaper under plaster cloth

or Sculptamold. Scenes include a train wreck, a building fire with special lighting effects, and trolley service from the passenger station to downtown. You can even "crash" a wedding taking place at the community church.

So next time you are on the Cape, come see us. NMRC club members are always happy to greet visitors and answer questions. We are located just off Orleans Exit 12 of the Mid-Cape Highway in the rear, lower level of Hilltop Plaza, 180 Route 6A. For more information, photos and video links, go to: www.NausetModelRRclub.com.



A steam locomotive spins on the turntable as others in the roundhouse await their train assignments on the club's N-scale layout.

Photograph by Mike Karaim

HUB Member Publications

Starting with this issue we'll highlight the efforts of HUB Members that can be found in other hobby and railroad-related publications. If you've had something published and would like to share the news with your fellow HUB Members, please email editor@hubdiv.org with the information. You can also find an extensive list on the HUB website at: www.hubdiv.org/articles.htm.

James VanBokkelen had an article in the April 2014 Railroad Model Craftsman "Building a Concrete Arched Bridge" about his model of the Rt. 1A overpass in Rowley, MA. The article runs five pages and includes 11 photos.

John Doehring had an article "Confessions of a (Reforming) Armchair Railroader, Seven Secrets to Getting Out of Your Chair, Becoming More Active, and Enjoying Model Railroading More" in the March-April 2014 N-Scale Magazine.

The February, 2014, NMRA Magazine contains an article by Ken Belovarak, Rudy Slovaek and Stan Ames "American Layout Goes Overseas" discussing how the HUB modules have gone to Europe twice.

Jack Kelley's article "Assembling And Powering a BCW Wood Combine" appeared in the Boston & Maine Railroad Historical Society's January-February, 2014 issue of Modelers Notes.

Elegant Dinner Train Excursion

Saturday, May 31, 2014

Departing Hyannis Station at 5:30 PM



For Reservation and Information Contact:

Manuel Escobar
781.718.5693 cell
781.762.9858 home
president@hubdiv.org e-mail
Fares: \$69.00 / person
Fare includes five course gourmet meals,
three hour ride.

- ❖ Reservation required prior to May 23, 2014
- ❖ Full Bar Service
- ❖ Appropriate attire.

Please reserve _____ spaces on the Dinner Train Excursion.

\$69.00 per person (Price includes tax & gratuity for meal not beverages)

Enclosed is amount of \$ _____ for the following:

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____ E-mail* _____

Choice of Entrée:

- ☐ Roast Tenderloin
- ☐ Chicken Breast Cadillac
- ☐ Pistachios Salmon
- ☐ Vegetarian

Make checks to HUB Division, Inc. and mail to Manuel Escobar, P.O. Box 302, Norwood, MA 02062-0302

Reservations and payment shall be made, no later than May 23, 2014.

*E-mail to be used for directions, updating menu and confirmation only!

HUB Division Library

by Dan Fretz and Ken Belovarac

The HUB Division has organized its collection of DVDs and VHS tapes into a lending library containing the titles listed on the HUB website at: www.hubdiv.org/library.htm. Borrowing privileges are **only available to HUB members**, and there is no charge. This is a new effort on the part of the Board of Directors, and library policies are still being developed. The librarian is Ken Belovarac.

If you are interested in borrowing a DVD or tape, the normal pick up and drop off will be via the Railfun meetings. Prior to the meeting, email the librarian at librarian@hubdiv.org with **your name and NMRA#**, so he can bring the tape or DVD to the meeting. He will only bring items that are requested prior to the meeting. If you would like to make other arrangements (at your expense) to pick up and drop off items, please work that out separately via email with the librarian.

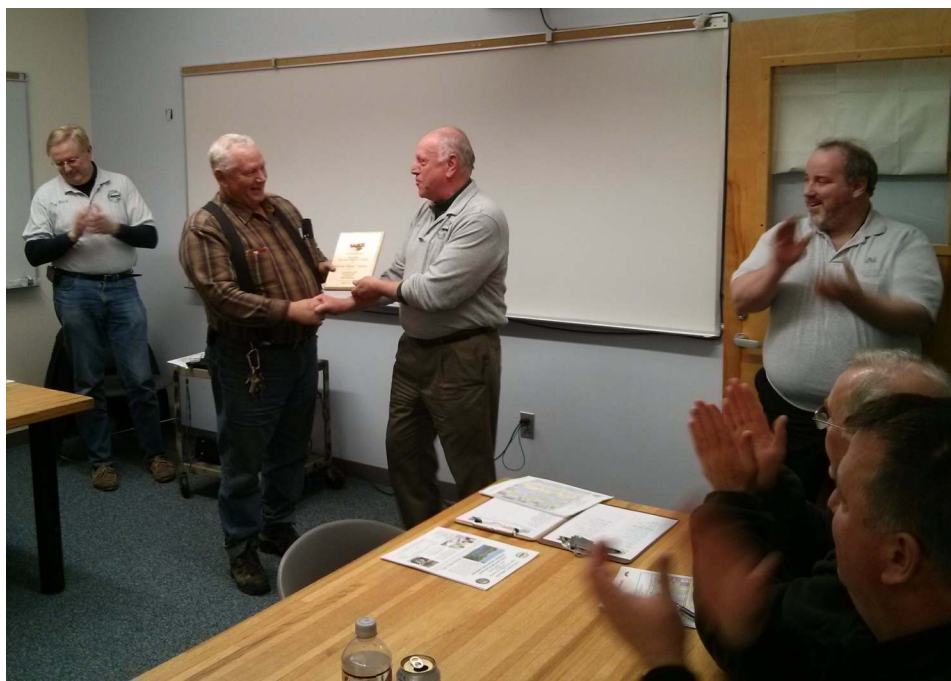
There are too many titles to list in the Headlight, but the full list of items is available on the HUB website. Model railroad-related titles include a series regarding "Designing the Apple Valley Branch," several Allan Keller Productions videos of various famous layouts, and four of Scotty Mason's videos about building craftsman structure kits. Prototype-related titles include a nine part series on "American Steam," a six-part "Blizzards, Freights and Streamliners" a three-volume "Iron Horse America" series, and finally, Goodhill's "America's Historic Steam Railroads."

Achievements



Gerald Abegg, MMR receives his MMR certificate from HUB AP Chairman Don Howd, MMR during the February RAILFUN meeting.

Photograph by John Doehring



HUB President Manny Escobar receives the Don Pierce Award from Peter Watson during the March RAILFUN meeting. The Don Pierce award recognizes members who contribute greatly of their time and effort to the promotion and improvement of the Division.

Photograph by Bill Barry



Seacoast Division Model Railroading Night

- May 9th
- June 13th

Meetings are Friday night at 7 PM in the Marion Gerrish Community Center, 39 West Broadway, Derry, NH. See <http://www.seacoastnmra.org> for info.

In Memoriam: Charles L. Ricci passed away on April 7, 2014 at the age of 73. Charles was a model railroader, author and musician. Charlie was a retired structural engineer and worked part time at the Acton Model Railroad Center. His favorite railroad was the Rutland Railroad and he was working on a book about it. Charlie participated in the RailRUN invitational operating event and was a regular operator at Stan and Debbie Ames's garden railroad.

Coal Loads and Sound

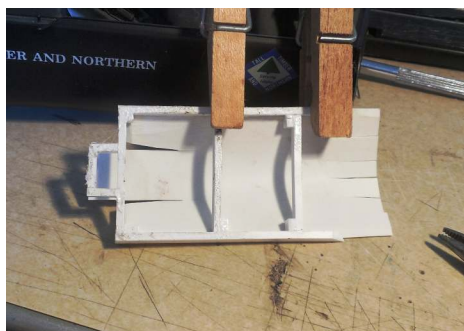
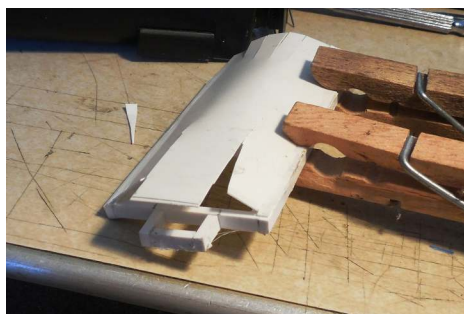
by Ray Schofield

A friend recently asked me to install a sound decoder in a brass Akane Yellowstone. One of the decisions that needed to be made was where to put the speaker. The engine previously had a Dynatrol receiver and weight had been added (see photo). With the depth of the coal bunker and the size of the TCS decoder with the WOWSound option and the added weight, the options for where to place the speaker were limited or required substantial changes to an expensive brass model. After trying several speakers, I discovered the MRC oblong speaker (made for narrow hood diesels) fit quite well (see photo). This



meant that I only needed a small hole in the bunker wall to get the speaker wires from the decoder to the speaker. It also meant I needed a coal load that would cover the speaker and look like a coal load, but allow the sounds to escape. I decided to take a lesson from the people making plastic coal loads, except I did not have a way to mold the coal load and wanted the load to be more realistic looking.

My solution was to build the coal load with a plastic frame that would sit in the coal bunker at the right depth and be removable just in case. I started with some evergreen plastic strips, and added some spacers on top to act as shims so the thin plastic cover would take on a shape that reasonably resembled a coal load. I then cut the thin material to cover the frame and cut slits to allow it to be feathered at the top end of the bunker around the coal pusher. I reinforced the cover material underneath



and held it in place to the frame with clothes pins (see photos) until the glue dried. I then filed it to make sure it could be easily removed, and sanded the top to get rid of any heavy ridges. I then painted the whole thing with gloss black. When it was dry, I put a piece of Saran wrap inside the bunker. I then covered the plastic coal load with full strength white glue and sprinkled on model coal. I sprayed it with a little water to make sure the glue spread (see photo). After



the glue dried (24 hours), I removed it from the tender and took off the Saran wrap. I drilled "many" holes with a #75 drill from the top through the coal. After completing this, I had to touch up the



coal load in a couple of places (see photo). After letting it dry, I test fit it and filed the edges slightly so it could be easily removed.



Operating Session for Beginners

by John Lutz

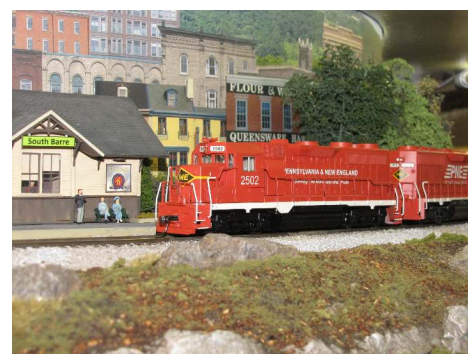
On Saturday March 15th the fifth meeting of the Operating Session for Beginners (OSfB) was hosted by Keith Shoneman on his "Pennsylvania and New England" layout. Attendees were Rick Murray, Dana Andrus, Scott Cremer, Simon Brummer, William M Deen, Stuart Brorson, Curtis Brothers, Bruce Hulse and John Harding.

Bob Manchek and James VanBokkelen also volunteered if additional operators were needed.

Mark Camire and Dave Libby participated as pilots.

A good time was had by all. Unfortunately no one brought their cameras.

Don Howd has volunteered to host an OSfB in the near future.



A train headed by a GP38 passes the South Barre station on the Central Massachusetts division of Keith Shoneman's "Pennsylvania & New England" layout.

Photograph by Keith Shoneman

February RAILFUN



Top: The crowd awaits the start of the module scenery presentation.
 Upper Middle: Attendees check out the modules.
 Lower Middle: David "Shack" Haralambou works on plaster scenery.
 Bottom: Kantitdare East Module is coming along nicely.
 Photographs by John Doehring

April RAILFUN



Rudy Slovacek's completed shed, built from the "scratch-built" kit provided by Don Howd, MMR.
 Don's complete list of directions for building the shed has been posted to the HUB website at: www.hubdiv.org/articles.htm.
 Photograph by Rudy Slovacek



One of the new MBTA locomotives (2nd from Right) sits outside of the MotivePower factory in Boise, Idaho, in this photo from late 2013. The first units are now entering service on the T.
 Photograph by Unknown



Signals in use on the HUB Modular layout during its display at the Greenburg Show in March.
 Photograph by John Doehring



JOHN DOE
MODULE GROUP

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To make a donation using your credit card, email Treasurer@hubdiv.org.

Please make your check payable to "The HUB Division, Inc."

Send your payment to the address above.

HUB Module Kits Available

The HUB Division offers to its members a complete packaged module kit for \$155. The kit has everything you need, including all pre-cut lumber, hardware, a complete wiring harness for the DCC and inter-module connections, a panel-jack and wire, and even roadbed and the track! A module is the perfect solution if you do not have the space for a full-size layout or just want to experiment or learn new techniques without committing the time and money to a larger setup. Please contact Mark Harlow at modulekits@hubdiv.org with additional questions and to order the module kits.

HUB Headlight

Volume 30, Number 5, May - June, 2014

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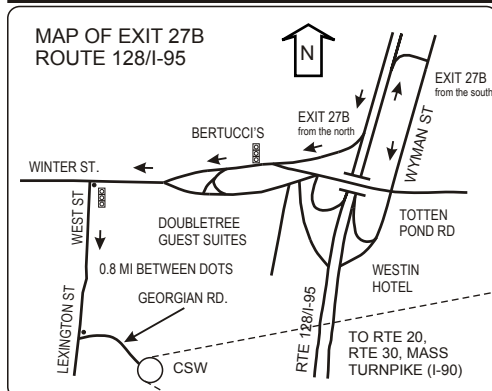
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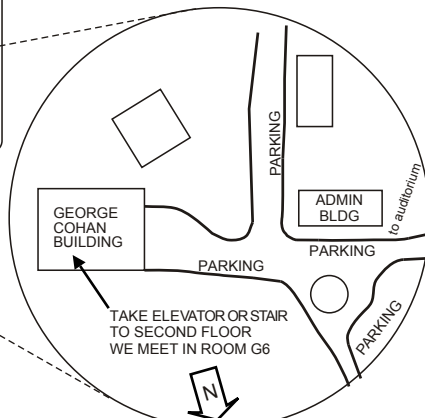
RAILFUN Weather Note:

If the school is closed, we will NOT have RAILFUN that evening. School closings are broadcast over the radio at **WRKO 680AM** and **WBZ 1030AM**, and on **TV Channels 4, 5 and 7**. The Cambridge School of Weston recording is at **781-642-8600**. Check the radio or TV stations early on the morning of RAILFUN! You can also check www.hubdiv.org and we plan to post notices on **Facebook** and **Twitter**.



MAP TO RAILFUN MEETINGS

MAP TO CAMBRIDGE
SCHOOL OF WESTON



2014 New England/Northeast Prototype Modelers Meet

Friday & Saturday May 30-31, 2014
Collinsville, Connecticut
Layout and MassCentral Railroad open
houses, Sunday June 1

Visit www.neprototypemeet.com and
www.facebook.com/NERPM for
additional information.

RAILFUN.....

NO MOTIONS.....

NO SECONDS.....

NO BUSINESS.....

NO YAWNS.....



HUB Division Headlight
65 Branch Road
East Bridgewater, MA 02333-1601