

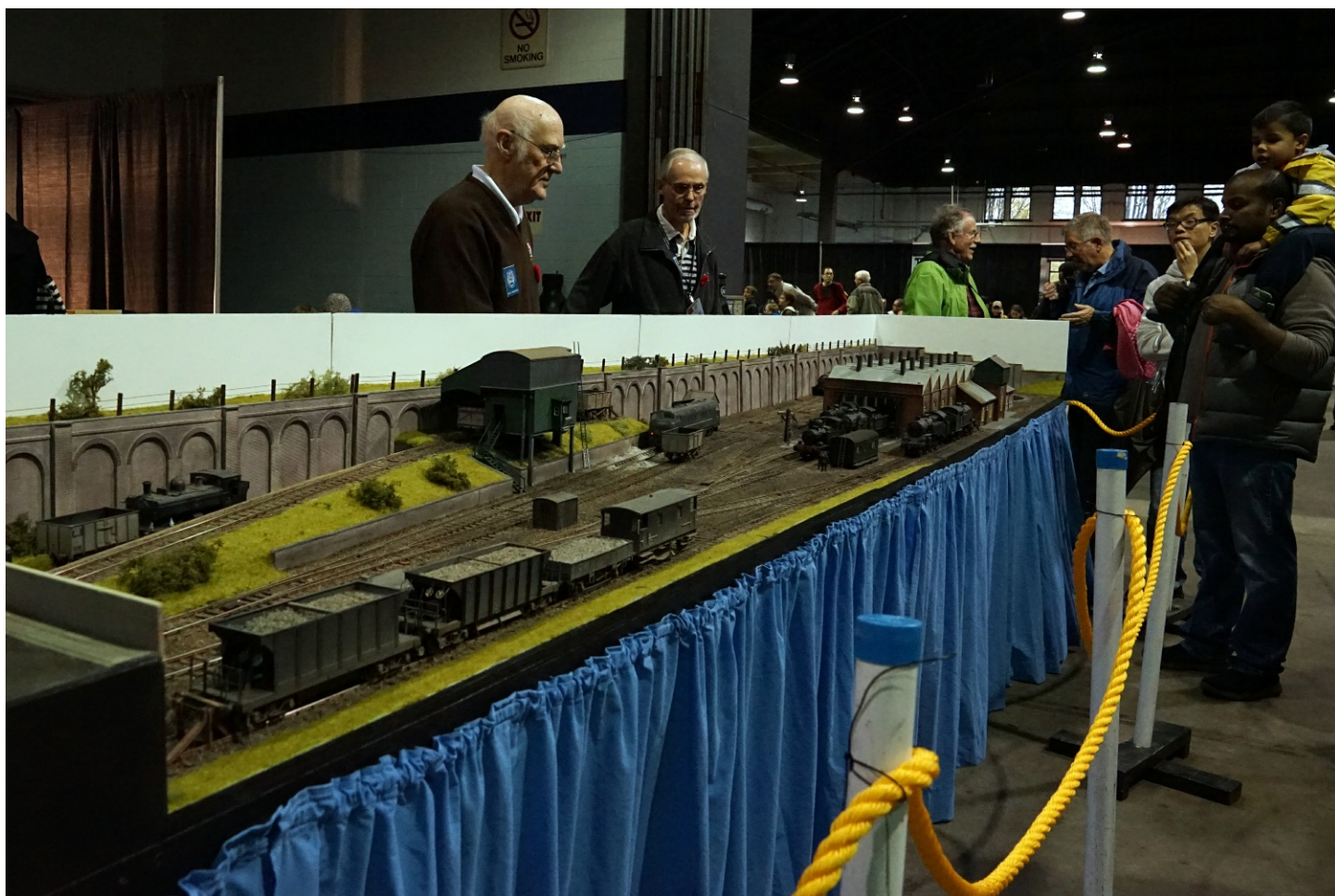


BULLETIN BOARD

The Official Publication of the 7th Division, Pacific Northwest Region, NMRA Canada

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ABOVE: The Salthaven Motive Power Depot display at VTEX 2016. The locomotive shed and coaling stage are the two most prominent structures in the photo. This O gauge bench layout depicts a locomotive depot on the south coast of England in the late 1950s.

Photo by J. Stevenson

Organizational work for VTEX 2017 is underway as we go to press with this issue of the Bulletin Board. Please join us if you are able at the PNE Forum on November 11-12 for many more great layouts, including the Lego table and Tom Stephenson's w-Trak Brio-like layout for the very young kids as well as the familiar vendors' tables, etc. It will be a family affair. And as a reminder, the RMMBC modellers' group is now officially separated from the public show. Jump inside for Regional News updates and more from the VTEX organizational committee.

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Editorial Comments

The cover photo of the November/December 2016 issue of the Bulletin Board was a teaser for the upcoming VTEX show last year. It featured a vintage Westwood HO scale kit of a CP 35-foot short Superintendent’s Car that I was going to kitbash. Initially the plan was to rework the sides to correct dimensional errors in the kit. In researching the history of the car in back issues of Model Railroader, I saw that an impressive model had also been built using alternative building methods with Strathmore cardstock - a multi-layered paper product popular in the 1950s and ‘60s and still available today. I wanted to incorporate some of this into the car as a homage to a previous generation’s craftsman. Over the past few months, several local modellers with vast experience with these materials suggested that Strathmore and the associated building methods were more suitable to a static model and might not stand up to the handling of a passenger car. Coincidentally, other modellers who posted occasionally to the PassengerCar List on YahooGroups had experimented with and developed a similar layered method using styrene for car sides and window components; especially for old heavyweight Pullman passenger cars. My kitbash was evolving into more of a scratchbuilt but I was making progress.

Another significant hitch was finding a suitable truck for the former caboose. The trucks I observed in magazine and journal articles and on prototypes in museums had about a 5’ wheelbase and dated to the first half of the 20thC and likely the first few decades. The original drawings were for a 4’10” wheelbase. I looked extensively online and the closest commercial product was the Tichy Train Groups milk/express Commonwealth Steel Co. Trucks; however the wheelbase was a foot too long and the sideframes bore only a passing resemblance. Nothing else in the commercial hobby market seemed close. Then while researching Geoff Gooderham for the last issue of the BB (recall the exceptional RMMBC clinic on resin casting), I came across a kit review article that talked of a suitable truck for Geoff’s N scale CP heavyweight passenger cars from a designer/supplier of CP trucks in N scale. This truck was available through Shapeways, the 3D printing company.

I want to briefly comment on the 3D stereolithographic printing process and my experience.

I engaged the designer via a Shapeways facilitated forum and encouraged an HO scale variant of an existing N scale product which would be an acceptable stand-in based on a CB&Q truck common on cabooses and other waycars from the 1880s to the 1980s. At press time for this issue of the BB, I have the CB&Q truck from re-scaled CAD drawings and made available in HO scale after our conversation. To date, it is better than anything in the market that I am aware of and definitely better than the trucks beneath the brass Samhongs model of the Superintendent’s Car that appeared in the 1980s. In addition, we exchanged ideas for an accurate design of the 4-wheel 5’ wheelbase truck used on CP cabooses. I supplied .jpg images of truck side views and he committed to reworking his designs.

For those unfamiliar with 3D printing, here is a brief review of the process. It is a thermal jet printing system that uses two different materials: a wax-based support material, and a UV-curable acrylic polymer that forms the part. The print head has a high-intensity UV light source on its trailing edge, so the material is cured as it is deposited. It’s really a double printer, because it can deposit both support material and model material in the

same pass. Because of the support material, parts with undercuts and overhangs are possible, as disconnected portions of the part are supported until subsequent layers connect them together. Model surfaces that were in contact with support material have a rougher texture than those that weren't. After printing, the waxy support material is dissolved away, then placed in several baths to clean residue from the parts. The acrylic build material seems to have physical properties similar to styrene, and bonds well with cyanoacrylate adhesive. Fine parts like a truck are made from a material that Shapeways refers to as Frosted Ultra Detail (FUD) and is partially translucent. The FUD layer is 29 microns thick and Shapeways now also offers a Frosted Extreme Detail that layers at 16 microns for very fine resolution.

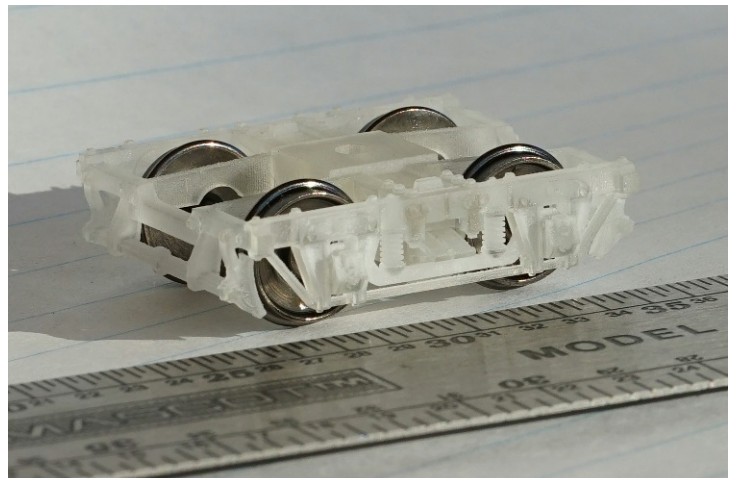
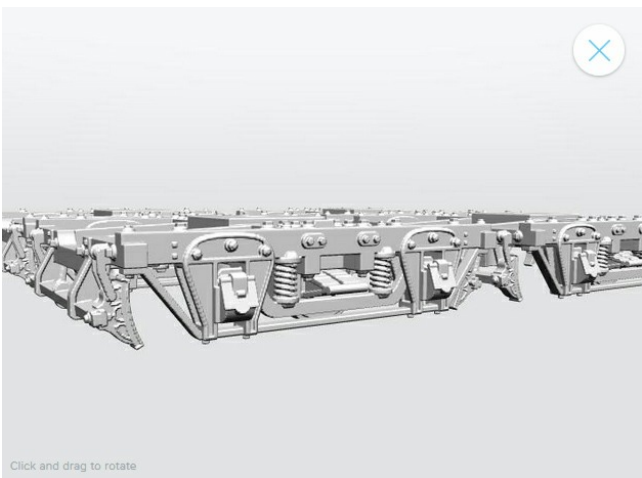
The 7DPNR has members associated with the RMMBC with experience in these processes and products. Both Rene Gourley and Rob Kirkham come to mind. I can't say for sure how strong the finished part is yet, but have tested the sideframe flexibility of the truck to insert InterMountain semi-scale 33" wheels. That is what you'll see in the images below. My project has wheels again - so to speak.



LEFT: Commonwealth truck from Thurso and Nation Valley Superintendent's Car. Read more about that car in Branchline 2007-03, pp. 7-11, now resident in the Canada Science and Technology Museum in Ottawa, ON.

BELOW LEFT: Shapeways CAD drawing of the CB&Q truck as rendered by Eric Cox of Panamint Designs.

BELOW: The Shapeways FUD-finished acrylic polymer truck with InterMountain semi-scale wheels. The simulated metal strap running across the base of the truck sideframe is thicker than the prototype but still very effective visually and is suspended only at the ends and about 0.5 mm thick. In reality, it looks closer to the CAD view to the left than the photo below due to camera angles.



The views and opinions stated in *Editorial Comments* are not intended to reflect those of the NMRA or regions or divisions thereof. As the editor of the BULLETIN BOARD I welcome your comments and opinions regarding the comments made above or any other statements made in this publication. Send your comments to John Stevenson, Editor (jstevenson@telus.com).

Regional News

Vancouver Train Expo (VTEX) Update

By Tom Lundgren, VTEX Leader

Organizing for the VTEX 2017 continues. Howard Sommerfield (Registrar) has been busy processing registrations which are running on par with last year, with a very good response from those wishing to display their handiwork. Those of you who wish to sell model railway related items are encouraged to get your registrations in. Visit <http://www.vancouvertrainexpo.ca> for registration forms. Let's keep the Registrar busy.



Phil Evans has designed an impressive program to publicize the event. One aspect of this effort is an eye-catching new logo intended to resonate with families.

Unfortunately there are just not enough of us railway enthusiasts to cover the costs of renting a venue large enough to house all those who wish to participate as vendors and exhibitors. The show needs the revenue generated by a significant attendance from the general public to be financially viable, hence the change in logo. Attracting those outside the model community is also consistent with our

objective of connecting with, and encouraging, new participants to the hobby. Help us spread the word outside the model railway community so the hobby we love will thrive.

So far we have commitments to attend from West Coast Railway Association's Minirail, Tom Stephenson's w-Trak, Gordon Hall's "Island of Sodor", Canadian Toy Train, and Lego with their child-friendly exhibits.

George Carroll and Phil Breden are working on developing new exhibits and ideas to engage attendees. One of their projects is the development of hands-on demonstrations of modeling to complement the fine modeling work displayed at Craftsman's Corner. Thanks to Doug Hicks for agreeing to organize Craftsman's Corner again this year. There will also be a treasure hunt style contest where the public will be invited to find special items (dinosaurs) hidden amongst the displays. George and Phil will be looking for volunteers to help with these initiatives. Feel free to contact them and offer to help.

The website has a tab near the top on the right hand side titled, "The Expo Committee". Click on that tab for committee member contact information or contact me at: chairman@vancouvertrainexpo.ca

Enjoy the rest of the summer and get ready for Vancouver Train Expo 2017 on November 11-12, at the PNE Forum!!

Superintendent's Report

By John Martin

Local Mini-Meets

The 7th Division Railway Modellers Meet (RMMBC) Committee does a terrific job of providing an annual gathering - staged in the Lower Mainland where a significant portion of our members reside. They offer an extensive program of clinics, layout tours, operating sessions and displays that attracts over 100 attendees.

Your Board of Directors and Standing Committee would like to provide similar, though smaller scale, activities in other areas of the province. Our goal is to stage a Mini-Meet in each Subdivision sometime in September/November 2017.

What we don't know is...does genuine interest exist? Russ Watson organized a gathering in Quesnel in April that was quite well attended. We understand he plans another on October 14, 2017 and everyone is welcome. Contact Russ at russwatson@me.com. Jim Guillaume is working on something for Kelowna (Okanagan area); Ken Rutherford has plans for the North Island; Larry Sebelley hopes to come up with a session in the Fraser Valley – all first steps to Mini-Meets that are designed to add value to your membership.

Your own Coordinator will be contacting you soon to gauge your interest and, hopefully, let you know when and where the local Mini-Meet is scheduled. This is an opportunity to get together with people in your own area and share your knowledge, learn new skills, and get re-motivated to tackle the projects that you've let slide. You probably joined the NMRA for just these reasons, so why not connect with fellow modellers? Visit <http://www.7divpnr.ca/about%20us> if you want to know who to contact.

(With the retirement of Don Forsyth, our Director-at-Large Ken Rutherford has offered to provide service to the entire North Island area.)

Thanks

As Superintendent, I would like to thank Don Forsyth of Courtenay BC for everything he has done for the 7th Division. He has served as the North Island Subdivision Representative for many, many years. Don is an Achievement Program (AP) Judge and has advised countless modellers about the techniques that can be used to greatly improve their projects. He coordinated almost all the AP judging in the Victoria and Nanaimo areas for over a decade and served on the Victoria Model Railway show committee. Don isn't going anywhere and he plans to continue being an active member of the 7th Division. He is actively working to involve younger modellers in our hobby. Thanks Don!

Would Anyone Who Isn't Here Please Raise Your Hand

We've lost touch with about 10% of our members. Emails and copies of the Bulletin Board are sent but not received by something over 30 of our members who have somehow neglected to give us their new email addresses, phone numbers, or whatever. Or maybe they've erected an electronic force-field around their homes to stem the flow of email. Still – it's a shame to miss out on the Bulletin Board, right? So – if you think your info might need updating, please drop a note to our Secretary, Jim Guillaume at yxsops@hotmail.com. If you are not reading this, because we've lost contact, it would sure be nice to hear from you someday.

Notice of Annual General Meeting

The 7th Division will hold its Annual General Meeting on **Saturday, Nov 11, 2017 at 7:00 pm** in the **Breakfast Room of the Atrium Hotel**, 2889 East Hastings St., Vancouver BC. A social get-together will precede the meeting beginning at 6:15 pm.

All relevant documents can be seen on our website at <http://7divpnr.ca>.

The Atrium is located one-half block west of the PNE Forum, Pacific National Exhibition Grounds, which is on the northeast corner of Hastings and Renfrew Streets; once again, the site of the 2017 Vancouver Train Expo this year on November 11-12, 2017 from 10 am - 6 pm on Saturday and 10 am - 5 pm on Sunday.

A major agenda item will be our new Constitution and Bylaws.

The BC Government requires all registered societies in the province to submit new documents for approval by 2018. Ken Rutherford is hard at work on the project and we plan to distribute our proposal for your consideration in advance of the AGM.

Our AGM has traditionally been held during the train show. Members have asked us to choose a time that wouldn't conflict with the show and would perhaps offer us a chance to socialize as well. That's why we've chosen The Atrium. We'll have an area somewhat to ourselves, with access to food and beverage service, in a convenient location. The Breakfast Room is located right off the lobby and they offer free parking.

Frankly, this is an experiment – so please feel free to offer comments and suggestions. We wanted something a bit nicer than the old dressing rooms in the PNE Forum building but didn't want to spend \$200-\$300 for a formal meeting room. The result was this compromise. Your executive is hoping to combine the 2018 AGM with an evening or all-day event that will include clinics, demonstrations, and related activities.

Call for Nominations

By Jim Guillaume, Secretary

This is our second and final 'Call for Nominations' as printed in the Bulletin Board. Elections for 7th Division Superintendent and Assistant Superintendent are required in 2017. Each will serve for a two-year term in 2018 and 2019.

An election will take place at our Annual General Meeting on November 11, 2017 in conjunction with the Vancouver Train Expo. (See previous note re: the AGM for time and place)

Nominations are encouraged. Both John Martin (Supt) and Dan Rowsell (Asst Supt) have agreed to stand for re-election but we are always interested in having volunteers who wish to serve the 7th Division.

Please submit your own name and/or your nomination(s) to Ken Rutherford, Returning Officer, at:

kj.rutherford@shaw.ca

or by regular mail to: 3560 Frank St., Port Alberni BC, V9Y8A1.

PLEASE: do it as soon as possible.

Conducting a complete election by regular mail is an expensive exercise. It costs us about \$350 to mail ballots to every member. To save that money, the 2017 election will be held at the AGM, as permitted by our Constitution and Bylaws. Our new constitution will hopefully move us into the modern age by allowing for online voting in the future. That way, every one of our 340+ members will be able to participate. Votes cast by regular mail will always be accepted, of course.

ALL ABOARD

THE 35TH ANNUAL VANCOUVER TRAIN EXPO

BC'S LARGEST TRAIN SHOW!

44,000 SQ. FT. OF DISPLAY SPACE FILLED WITH OPERATING MODEL TRAIN SETUPS IN ALL SCALES,
HISTORICAL SOCIETY DISPLAYS, VENDORS OF NEW AND PRE-OWNED MERCHANDISE,
MODELING DISPLAYS, AND ACTIVITIES FOR CHILDREN OF ALL AGES.

SAT NOV 11 • 10AM-6PM & SUN NOV 12 • 10AM-5PM

PNE FORUM
HASTINGS & RENFREW

ADULTS: \$10 • SENIORS (60+): \$8 • YOUTH (8-18 YRS): \$5 • CHILDREN UNDER 8 YRS: FREE
BRING THE WHOLE FAMILY: ONLY \$25! • NMRA MEMBERS (WITH MEMBERSHIP CARD): \$5



FIND US ON FACEBOOK!
Vancouver Train Expo

VANCOUVERTRAINEXPO.CA

Contacts

Editor's Note: Due to space limitations, we continue to publish our short list. If you need to refer to the complete list that includes additional appointed positions as well as all area representatives, see it at the 7DPNR.org website which is always current.

If you can't access that weblink, call a member friend for assistance!

The **BULLETIN BOARD** is the official publication of the 7th Division of the Pacific Northwest Region, National Model Railroad Association, Canada. It is distributed to all members in good standing. The Bulletin Board is published bimonthly in both print and electronic versions. We strongly encourage migration to the eVersion. Please advise the Secretary of any change requests.

Deadlines for material input are: January 31, March 31, May 31, July 31, September 30 and November 30. Publication dates will normally follow two weeks later; e.g., the Nov 30 deadline results in a mail out or webmail download on or about Dec 15 and will be considered the bimonthly issue of the following two months; i.e., January/February.

Contributions of Letters, Articles, Event News, Plans, Photographs and Art are encouraged and welcomed and should be sent to the BULLETIN BOARD Editor.

ADVERTISING in the BULLETIN BOARD is accepted at the following per issue rates: Full Page = \$48.00, Half Page = \$24.00, Quarter Page = \$12.00, Business Card = \$6.00. Artwork should be supplied in the appropriate size. There may be an additional charge to complete artwork that is not camera ready. Please email your artwork to the Editor and remittance can be discussed and finalized with the Treasurer, payable to the '7th Division PNR/NMRA.'

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For all other subdivision rep and appointed position contact info, please go to our website: 7DPNR.org

Editor's Note: Beginning with the 7DPNR eBulletin v.30 n.5 2016-09 edition of the BB, we added additional newsletter content beyond the postal-cost limited 10 pp mail-out print edition. That means extra pages with more pictures and links to additional reading or resources usually. Those receiving the print-only edition will have the BB end with this Contacts page, whereas the eVersion (available on the website in the Member's Only section) may occasionally have extended content.