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the

MainLine

magazine

the official journal of the

National Model Railroad Association Incorporated
Australasian Region

NMRA Inc. - Australasian Region Directory

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All members of the Australasian Region are invited to submit articles of a railway nature for publication in the 'MainLine' magazine.

I would appreciate all articles to be sent to me in an editable format, such as 'Word, Pages, text, email, but not pdf, and high resolution photos sized up to 300KB in size.

Please send your articles to editor@nmra.org.au

NMRA Inc. - Australasian Region Directory

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Articles are provided by members for publication in good faith and the views expressed therein are not necessarily those of the NMRA Inc. - AR.

New Articles

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the Cover Photo

*Stephen Postma's
 On30 -
 Haskell 7A c1930
 As shown to the
 members at a recent
 Division 3 Meeting*

Editor's Comments

While reading through the many reports in this month's edition, I have noticed an important characteristic. Whether we are referring to club activity or divisional activity, there appears to be more new members joining and taking part in model railroading club and NMRA activities than I have noticed in a long while. Let's hope the trend continues and more people are welcomed in to share their passion for our hobby with other like minded people.

Commencing on page **6** in this edition of MainLine, we have an article by Ken Edge-Williams on Volunteering. Carrying out tasks in your Model Train Club or in the NMRA has many benefits for the volunteer as well as the recipient, as Ken Edge-Williams outlines in his article for how he assists his AR Division by volunteering his skills.

'And One Must Be A Passenger Car' are the words that are on the paper work for the NMRA Achievement Program for the Cars Certificate, so from page **12**, Dave Whibley set about building a unique passenger car as part of the process for obtaining that certificate.

There are reports of the activities during June and July from the Adelaide Model Railroaders Club, which is an NMRA Inc.-AR 100% club, commencing on page **15**, where they outline what has occurred at their club over the last couple of months.


There are over 60 pages of divisional reports in this edition from the AR Divisions commencing on page **24**, and these reports outline what has been happening recently around the region.

If you are a regular reader of our magazine, and in particular the 'Editor's Comments' segment, you may recall that I have made mention on more than one occasion that the number of suitable articles that I have available to me to include in our MainLine magazine is dwindling rapidly, so much so, that the cupboard is all but bare.

Articles are a way for the writer to express their talents and passion for their hobby, and also to pass on their knowledge to other modellers.

The magazine reader benefits by knowing that we have a variety of very knowledgeable members in the NMRA Inc.-AR, who are willing to pass on their knowledge to other members.

As mentioned in the last edition, if any member is giving consideration to writing an article for MainLine about your layout, or any method of railroad modelling that you enjoy doing, or if you have been rail-fanning recently and have a story to tell about prototype trains, or any other subject matter relating to Model or Prototype railroading, then now would be a good time to send an article or two into the editor's email inbox at editor@nmra.org.au and you may see your article in the MainLine Magazine sooner than you expect. And, as an added bonus, you will also earn valuable points towards your author AP Certificate.

You never know, what you write, may be just the information that one of our AR members is looking for.....

Meru Bagnall

Editor - MainLine On-Line
editor@nmra.org.au

Volunteering

by Ken Edge-Williams

I volunteered to do a demonstration at Div 1 stand at the Bundaberg Model Train and Hobby show on the weekend of 23-4/3/24 when the call was made as I would be in the locality at the time.

As I was building some corrugated iron buildings for my own exhibition layout, that was to be exhibited at a later exhibition, I thought I could kill two birds with one stone and do a demonstration on making and building with corrugated iron at the show.

(Photo 1 - Right)

So, I put my name forward and was selected to participate. All good so far, so that the planning then commenced getting underway.

Following a gentle, suggestive, assertive, persuasive advice from my friendly MMR Arthur Hayes to improve my standard of accuracy in my modelling,

my first aim was to get a better square to use when building. I had a miniature version of a normal carpenter square which was not really suitable for flat use. Searching the internet, I found a small square that was perfect for the job so that with normal tools I was ready to progress.



(Photo 2 - Left)

Next, I received from the organiser, a suggestion of that buildings could be required to be used on the FREEMO module that was being constructed as a demonstration as well; so could the two projects be combined? OK no problem as practice makes perfect so more buildings that are built, then more skills hopefully acquired and better standards attained.

Then a thought occurred, I model Queensland's God's Railway, The QGR, and maybe the FREEMO might be a foreign prototype like U S of A? I had better check as a Queensland style building might



look out of place on that. Through searching the net, I found a building that could fit in both locations easily. The wonders of Corrugated Iron! (Photo 3 - Right)



The bad news eventually relayed to me was that it was not USA, nor European, but that dreaded 'broader gauge' network of Australian Standard Gauge!

and NSWGR at that, although was suitable for any Standard Gauge running. (Note no QR bias showing!)



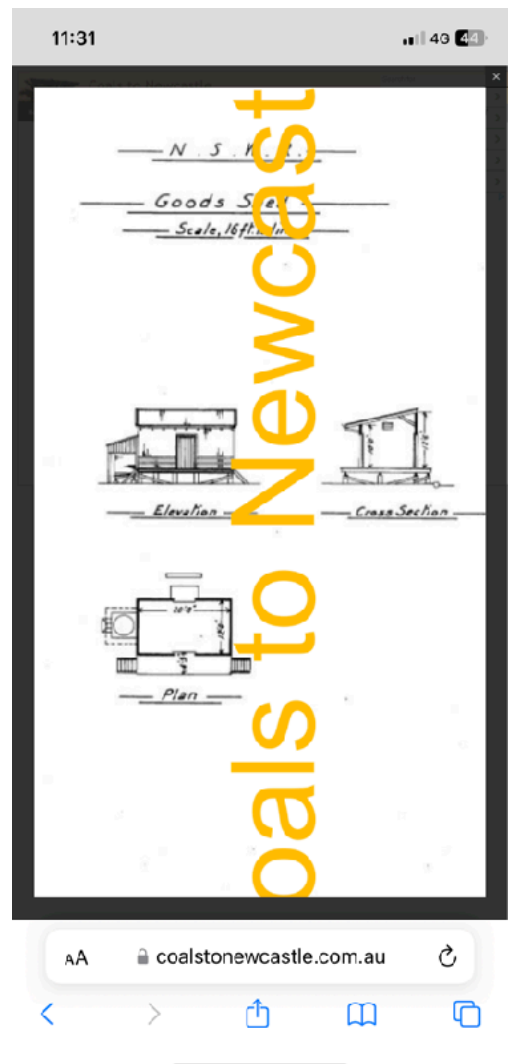
This ruled out the other building I was going to do of a QR Goods shed, so a search of the net as I was in a remote country area, grey

nomad travelling, resulted in me seeing the G1A goods shed would fit the need. No plan nor photo of prototype but just a kit or two that had been made of it. (Photo 4 - Above)

Further searching of the net found a minute plan of it in the Coals to Newcastle site and also a blurred photo of one in the background. (Photo 5 - Right)

The kits showed post-like arrangements on the corners which differed from QR practice where CGI bent around the corners and no timber showing.

At first, I thought that was because the kits were laser cut wood ones so that was just a side effect of the sheets of the laser cut manufacturing methods. I then noticed the kits painted them a different colour to the iron, emphasising rather



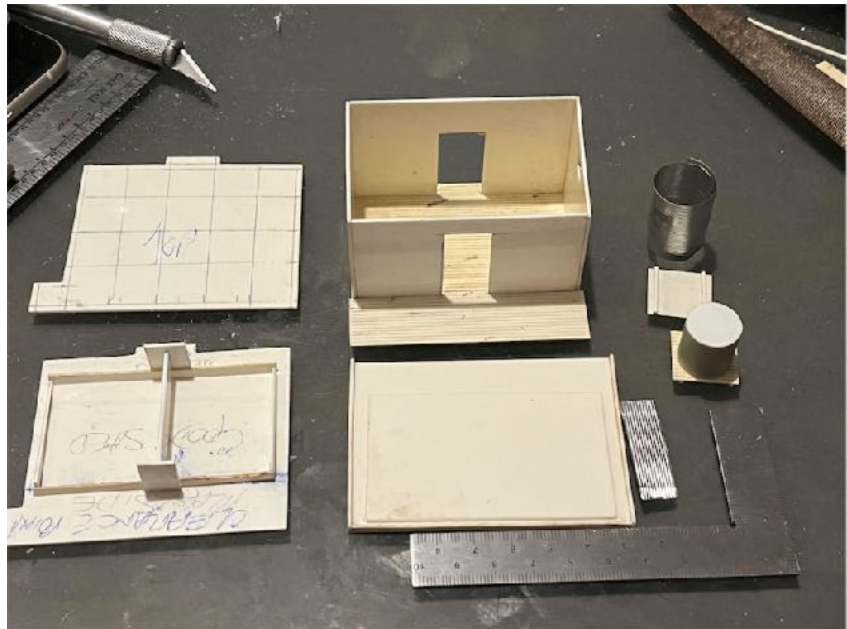
than muting, so maybe they were supposed to be there, and were indeed wood??

Searching for other photos of larger sheds and it seemed that was a distinct style of construction used. To confirm, I thought who better to ask via an email than our latest MMR with a NSWGR layout Craig Mackie, a Guru of all the mysterious things south of Acacia Ridge.

One of the benefits of NMRA is that there is a vast store of knowledge and skills in the group and that members do try and assist if possible. A speedy reply was received and confirmed it was indeed the case and he also mentioned how he achieved this effect as well. Thanks Craig.

From the small plan I enlarged it to about 1/2 HO size which was as large as the screen would do so I could measure off and vaguely read the dimensions of 20x12ft with 5ft wide platform deck and height of 10ft in front and 12ft at back. I could not get a decent measurement of height above ground so would need to use another method to work out a height above rail level.

To enable the FREEMO guys to scenic the area without the building being finished, I made a duplicate of the base that could be used to mark out the spot in the scenery. This I have found that by using glad wrap as a barrier around the base and set flush into it ground surface and scenic level around it, it then can be removed and the building with the scenic floor base just inserted straight in

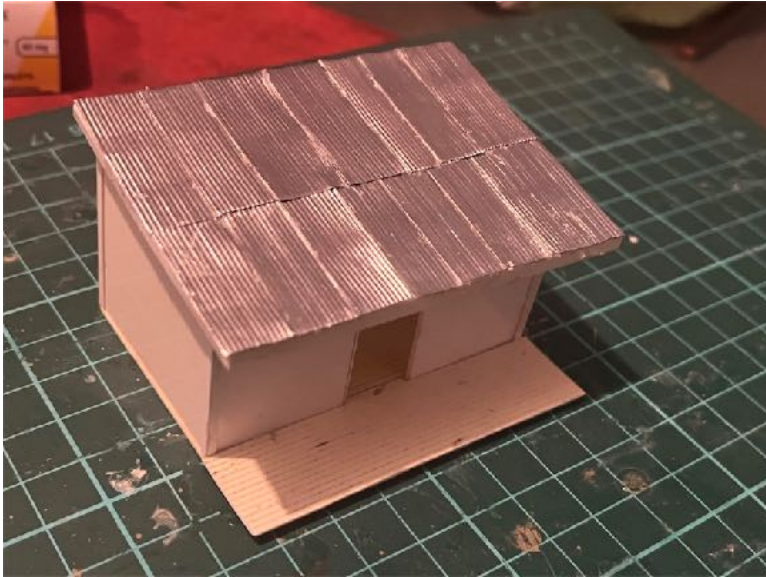


and does not look like it is sitting above the ground in a toy like fashion. [\(Photo 6 - Above\)](#)

A styrene form was constructed of the building and the 40 thou strips were added to the corners to represent the post and the door framing installed projecting outwards. The roof was made removable to allow easier trimming of the iron on the sides of the building and or lighting.

Styrene weatherboard was used to represent the shutters in the end walls and scribed v groove sheet used to represent the floor planking.

The CGI was glued using super glue gel or super tac PVA glue starting from the bottom with the 9ft sheets and then the top level overlapping a little from shorter bits making sure the join lines run in a straight line. [\(Photo 7 - Below\)](#)



This was how far it progressed so as to show the method of finishing the building at the exhibition. The construction of buildings for the FREEMO layout will be covered in a future article.

But briefly this is what is to occur. A sharp knife is used to trim the edges of the roof and top of walls.

Similar plans of other styles of goods shed seem to suggest a height of 4 foot from top of rail

level to which then must be added the thickness of roadbed and the track so I went with this.

The locations of the stumps on the base are marked and a 4mm hole is drilled in each location

The shed stumps are made from 4mm dowel roughly cut to length, an ant cap (punched out of foil with paper punch) is glued on the end and then the whole lot is glued to the floor of the building using the holes in the base as a guide. At this stage the base and stumps are not glued together



A few spacer blocks are inserted between the base and the floor to make the floor level of the building the correct



height above the ground. The stumps are then glued to the base. When dried a Dremel and file is used to cut the stumps flush to underside of the base. I use this method as it is easier than trying to cut a multitude to the exact same length.

Bracing planks are added and the whole foundation lot and the barrier planks for the front of the shed are painted a brown-grey colour. Dirt is added and bits of foliage near the building edge to blend in with the module scenery.

The barrier planks that go along the front wall to protect the iron are cut but not glued on until the iron painting is finished. A metal etch is sprayed first. I use a hand-held compressor spray assembly (Photos 8 and 9 - Above)

Steps are made from styrene strips and glued into place at the end of the platform.

Next is the rainwater tank. This is made by cutting a length of plastic tubing and glueing a square of styrene on top and bottom and weighting down till firmly attached. The square is cut roughly to shape using sprue cutters by removing all the surplus bits sticking past the tube. Using a big file, file the trimmed square into a perfect round shape using the tube as the filing guide.

The tank base is made from a piece of planking and two joists are glued underneath.

The awning is made from styrene and a piece of corrugated iron is added to the roof.

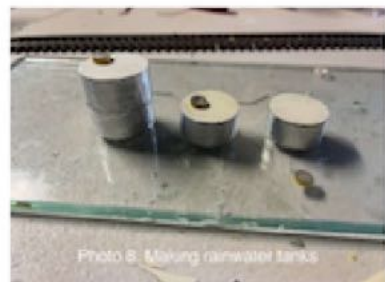
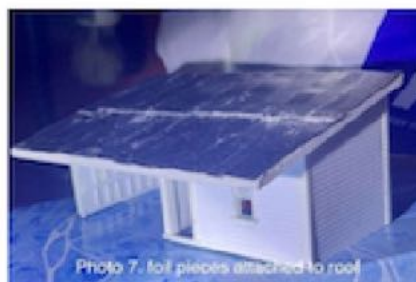
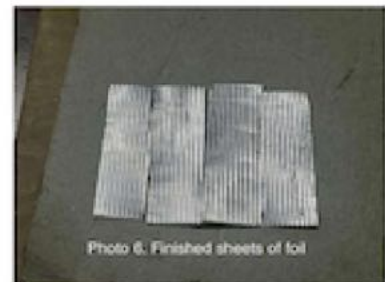
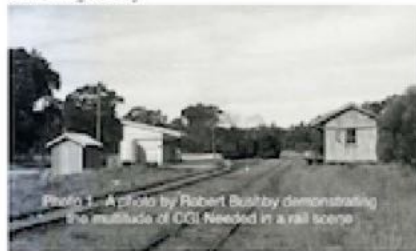
Now this was the stage that it would be taken to the show and demonstrate the making and applying of the corrugated iron

Good old Murphy's Law came into force and I blew up the engine of my van which stranded me in Townsville causing a huge delay and with a massive bill and thus unable to attend the show.

Handouts and samples had been prepared and all was unusually ready weeks ahead of time but now it was all in vain. Here is a copy of the photo page of the handout. [\(Photo 10 - Right\)](#)

I notified the organisers and lapsed into a little bit of a depressive state as now all the effort was down the drain, as I don't model HO NSWGR, so really no use for these types of buildings.

Following is some photos to assist you in remembering some of the stages you have been watching today.



I decided then it would eventually be best to complete the projected buildings so that they could be used on the FREEMO Modules being built by the group, so that the effort so far would not be wasted.

The whole building would be painted with metal etch primer and then a spray of silvery-rusty- colour to imitate the iron. Various weathering is to be done with dry brushing of Vallejo colours simulating a mild rust look.

I wasn't going for a worn out look as it was in service and would be maintained to a reasonable standard.

The floors are to be painted the brown-grey colour as well as the barrier planks which were. Then added to the wall.

The doors are made from planking and painted a contrasting colour. They are glued into position either closed, open, or partially open.

Finally, the guttering and piping are added and made to match into the tank enclosure, which is also glued to the side of the building.


Interior lighting of warm white SMDs were added and resistors connected so could be connected up to a 12v supply if lighting was required. Past experience has proved if not added it can get accidentally connected up to 12v and blow them up. I used a reed switch and a magnet in a load on the platform to enable the switching of the lights on and off. By placing the load against the wall, it would switch it off and when moving it to the other side of the dock or removing it completely it would switch it on.

The models when finished will be ready to be inserted into the hole in the layout to complete the job.

The moral of the story is that no effort is wasted when modelling as even a very bad model can be used as a decaying building or modified to be a burnt-out shell of a fire ravaged site or be a learning experience on what not to do again. In this case the failed attempt at volunteering allowed me to convert it to an article for the Mainline Magazine so all effort was indeed not wasted.

Always give it a go and volunteer to do a demonstration or presentation as everyone knows something that someone else is not sure of, or doesn't even know how- that's how we all learn by sharing.

This is one of the main benefits of any Model Rail Organisation and especially the principle behind NMRA is the allowing of the sharing and the encouragement of the growth of the modeller's skills and the Model Railway hobby overall.

As one famous President said "It's not what the hobby can do for you but what you can do for the hobby!" (Apologies to J F K)..... 

And One Must Be A Passenger Car

by Dave Whibley

And one has to be a passenger car. These are the words that are on the paper work for the NMRA Achievement Program for the Cars Certificate.

I found on the internet a pencil sketch of the "George Pullman" sleeper car that was built in 1864 called the "Pioneer". The interior finish included polished black walnut veneer on the side of the coach, crimson French plush carpet, pure linens for the bed sheets, chandeliers with candles, mirrors and marble washstands.

It slept twenty-four passengers in luxurious comfort. The car was fifty-eight feet long, ten and a half feet high and it cost US\$20,170 to build, it was total luxury for the day.

I sent the picture to our Divisional Superintendent, Frank Godde, who said it would be a lot of work and couldn't I find something easier to build? Well, that did it. I thought I would show him and took up the challenge.



My first problem was that it was not easy to see the detail as this was an artist impression only and not a proper train plan. This coach had a double bogie at each end with a



combination of sixteen wheels. I looked for as much information as I could find, until I had finally satisfied myself that what I had, was as much detail as I was going to get. I then drew up a scale drawing of the coach. By the time I finished the drawing it was a couple of millimeters longer than the fifty-eight feet mentioned in the article, but it looked good and the ideas started to flow.

While I worked on the windows for the side of the coach, it gave me a more accurate size and when I was finished, it was huge, but remember, one must be a passenger coach. This was my biggest project so far.

The construction technique:

With the aid of the 3D printer, I printed the bogies and the brackets to hold the two-wheel sets together. Working with the printer over some weeks I printed out the window frames, the plush chairs, a couple of spittoons, wash bowls, jugs, toilets, arched doors, pillars and a lot of filigree items which will all be used on the inside of the coach. I used acetate for the window glass, but by the time I fitted the top window blind on to the back of the frame they would not slide up. I made a pattern for the blinds, marked out the size and with a gold pen embossed the features. They sit just above the windows and give privacy to the

beds that
f o l d
down on
the inside
of the coach.



The floor is 6mm ply which will be covered with a red velvet carpet. The sides of the coach are 3mm ply. On the outside, the panels are stained in a red hue and embossed with the gold pen. Below the windows are the small timber batons which were varnished. On the inside there are thin veneer panels for the walls with the filigree printed sections around the edge. These filigree sections

divide the coach into three sections.

The chairs with their gold braid glued around the plush seats are used together as a base for the mattress to fit on to the seats. This sleeps one person. Above them, are the fold down beds which sleep two people. I used a strap hinge to lower the bunk bed at first but gave that idea away as I couldn't get the bed to come down low enough. So, I racked my brain until I came up with an offset bar hinge that when folded down, is held by chains at each end and when folded up sits neatly against the wall just under the ceiling.





Because the coach is so long, it has a clerestory roof with rounded ends which don't taper away, so I had a spare roof from a smaller coach and bought another coach and then cut them in half and glued them together. I cut the taper and rounded the ends using modeling clay. I then sanded it back before painting with a coat of matt black to finish. But when I turned the roof upside down, I needed something flash for the ceiling in the coach. I found that the cake I buy comes on a plastic tray and the bottom of the tray


is embossed with little triangles which was just ideal for what I wanted. But I had to buy four of them, so what !!. The original coach had chandeliers with candles which lead to its destruction by burning down in 1897. So this model, being built in modern times, uses LED's which are turned into chandeliers and are powered by 1.5 battery (2 AA batteries). The wires are hidden under the embossed plastic ceiling sheets and they run to the end of the coach. They are soldered to two tabs which make a connection with tabs fitted in the roof. Once in the roof, the wires run down the wall behind the paneling to the battery box glued to the underside of the floor. I have also installed LED lights along both sides of the coach just above the fold down beds, and also outside above the opening doors.

I printed out two vestibules and fitted them to the ends of the coach and covered the plastic with wood veneer. The guard rails and the air pipes are from welding rods with the flux taken off and bent to shape. I fitted a 3D printed knuckle coupler and also fitted the link and pin system on the buffer beams. The grab rails are brass with the ends hammered flat, and I have drilled small holes there and fixed with very small screws to the body work.



The "Pullman Sleeping Coach" signage for the side of the coach was also printed on a 2D printer by my daughter. This I fixed to a board at the top. The logo for the centre will be added later. This is being laser cut in thin veneer.

The braking system is fitted to the underside of the floor. This was also 3D printed. This models the "Westinghouse" braking system which was used in those days.

This coach was part of a display at our local Australian Model Railway Association (AMRA) exhibition and was of great interest to a lot of very interested people.....

(A note from Frank Godde MMR 422. There is no point in challenging Dave Whibley for he will out do, out think and out build most of us. His modelling skills are second to none.)

100% NMRA Inc.-AR Club News

Adelaide Model Railroaders Inc.

A 100% NMRA Club in Division 6

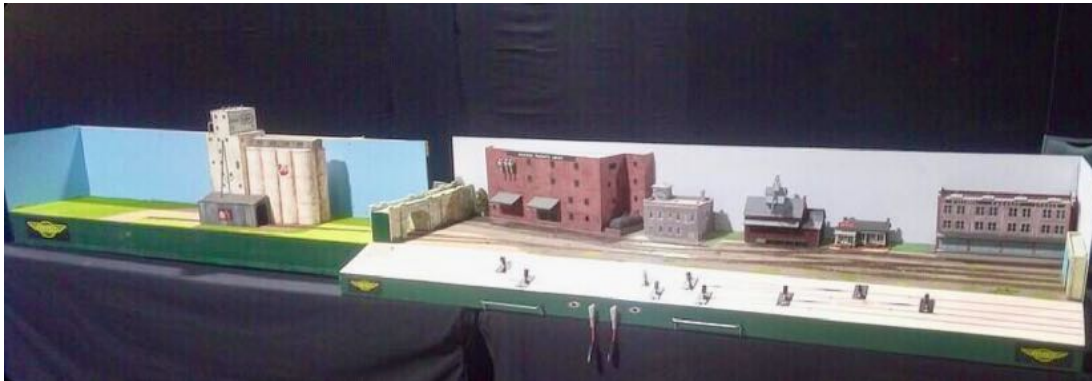
Club News - **June 2024**

By Ken House (AMR Newsletter Editor)

<https://adelaidemodelrailroaders.com>

EXHIBITION REPORT

By Tony Mikolaj



Left: Club's portable exhibition version of the Southern Central Railroad.

First off I want to say a big thank you to those that helped out in any way for our display at AMRE. Over the weekend Jeff Barclay, Warwick Graham, Peter Kirkland, Mel Jones, Mark Sellars, Paolo Arman and myself presented our display layout Southern Central Railroad and other items of interest to the public. Paul Atkins also volunteered but unfortunately fell ill so could not be there. Wayne Hoskin also put his hand up but was tied up with problems on another layout.

The display this year took on a new look with a very popular how to make trees demonstration by Mel Jones. As part of the demonstration, complete instructions with shopping lists and approximate prices were produced by Mel, these were edited by me to save some white space and reduce the page count and add QR codes to take those interested to a new page I created for the purpose on our website <https://adelaidemodelrailroaders.com/how%20to.html> that gives them the option to re-read

and to download the pages and photographs for later reference.

Similar pages were produced by me for my electronics signalling and detection display and these too are on the how to page.

Left: Mel Jones' tree display.



Embarrassingly, the QR codes stopped working on Saturday so there was a mad scramble to get new ones printed to put over the non working ones. Apparently while free they were actually just a way to get you to sign up and pay for them when they turn them off. I replaced them with proper free ones from adobe.

Thank you Warwick for helping with the overnight printing here.

Another new addition this year was a back wall, all in black to block the heads and bits of other displays that manage to get into photographs and distract the attention. This gave a very professional look to the stand. With the black table covers these two work to create a window box effect. The wall also gave us somewhere to hang our club banner, QR codes and NMRA signs.

The layout got a good workout with many eager operators trying their hand. Some were very good at it and picked up the idea quickly, others not so much, but all enjoyed the experience and looking at the big smiles that appeared when offered the controller it would have been a nice change from being told "not to touch" all the time.

A few more photographs of our display are in my album of our gallery at <https://shorturl.at/VJp5U>

Right: Peter Kirkland overseeing young operators on the SCR at AMRE 2024.



JUNE OPERATING SESSION

BY TONY MIKOLAJ

With the last minute rush of getting ready for the AMRE exhibition the setup for the June operations night was a bit out of sorts. Most of it got done but there were some rearranging of trains and locos still to do. I did this on the Tuesday after the exhibition. Initially there were only only a few replies from members wishing to attend and so I removed the Port run sheet from the line up so that there would be more operators out on the main lines and expected to be able to run a train somewhere in between yard duties. As it turned out, more turned up than expected along with two visitors, Dan, brought along by Christiaan, and Jack, that knew of us and having seen us at the exhibition, decided to drop in and have a look at the clubrooms and layout. We of course, in our usual way, made them welcome and invited them to join in.

I was dispatcher and Houseman Yardmaster and some of Kingston Yardmaster, Road crews were Peter Kirkland, Wayne Hoskin, Paolo Arman and Christiaan Werk with Dan.

There was one setup mistake of a reefer being set at Werkendam where a boxcar should have been, this was quickly rectified by the 0-5-0 method, aka the hand of God. The intermittent dead section of track at Zielgersdorf reared it's head again, there is

obviously a bad connection somewhere in that area and we are relying on the feed from adjacent connections through rail joiners. The bigger problem was that the reverse loop was dead. We got around this by changing the drop off / pick up method to include a runaround move by the locomotive at Houseman and placing the caboose on the rear with the yard locomotive. I will be investigating both of these wiring problems on my next working day.

Houseman was very tight with all the extra cars for the port taking up one track, especially when halfway through building a train, a drop off arrives and there is no spare track for it, but it did get easier once the first train had departed. I think that we may have to have less cars in the setup and create a drop off train to run a little way into the session to supply the needed cars and pickup some unneeded cars, this would be part of the job of the manifest freights in the new card system.

I had time to build the first pickup for Kingston, the stone cars, and later the cattle train. In between Wayne did his own shunting for his train.

Overall, everyone had a good time and the visitors were impressed. We completed nine transits and have one halfway through which is sitting in Housman yard waiting to do the return run.....

INFORMAL TRAIN RUNNING NIGHT PHOTOS

By Christiaan Werk



Above: V-line S class



Above: Australian National Railways 900 class in it's last year.



Above: Australian National 830 class with OB open wagons.



Above: Sydney double deckers.



Above: Keith Pennington's PRR loco.



Above: Union Pacific caboose

WORKING ON THE SCR



Above: Mel Jones planting trees on the hills above Jeremy Junction assisted by James Pennington. photo: C Werk



Above: Tony Mikolaj can often be found somewhere under the SCR working on wiring. photo: C Werk



Above: Tony Mikolaj has inserted uncoupling magnets in front of G&K Fisheries at Pt Douglas. G&K Fisheries being an important industry at Pt Douglas processing the daily catch from the professional fishermen going out from Pt Douglas. G&K export fresh, frozen and canned fish daily by rail. photos A Mikolaj



Left: Do not be fooled by the lush green grass and weeds in the yard and around the tracks at Pt Douglas. Pt Douglas is actually a busy place with five freight trains arriving each day, three to the car float and two to the industries and docks, and two passenger services. Christiaan Werk has added roads and ground cover to Pt Douglas.

photo: C Werk



Above: Wayne Hoskin is laying track for a caboose track and a TOFC track at Kingston.



Above: Ken House has made the card holding boxes ready for the car order operating system. They now need to be labelled and fixed to the SCR's fascia

100% NMRA Inc.-AR Club News Adelaide Model Railroaders Inc.

A 100% NMRA Club in Division 6
Club News - Operating Session & Running Night **July 2024**
By Ken House (AMR Newsletter Editor)
<https://adelaidemodelrailroaders.com>

JULY OPERATING SESSION by Tony Mikolaj

Seven members braved the cold evening for our July operations run. We had two trains part way through to finish off from last session and ten sheets in the issued orders box. Road crews were Peter Kirkland, Wayne Hoskin, Paul Atkins, Warwick Graham and two of our newer members, Billy Page and Aleksander Cameron. It was good to see a bit more variety of faces, all you other new members come and give it a try. I was Yardmaster for Housman. Paolo Arman was booked to be there but got held up in Sydney so could not join in. We had one or two hiccups, the port points were stuck from the recent ballasting, this took a little bit of finger tweaking to loosen them to get the yard back into action. The 2-8-0 #27 loco failed at Prattis with lack of control, we didn't have time to diagnose it so we did a quick loco swap to keep things running.

I had a look at #27 on Friday when I was working at the club and it ran fine. After thinking about it I remembered that Warwick was having trouble connecting to the #827 loco at about the same time, he was using the club standard 10 and the last two numbers of the loco to dial it up, as we already have a 1027 address in use for #27 I had set 827 as the address for #827 so I think this was the problem, two controllers fighting over one loco. The lesson from this is to read the paperwork, the DCC address is at the top on the right. For anyone experiencing this loss of control problem, release the loco and try dialling it

up again. It is a bit like the standard 101 problem solving method, "Turn it off and back on again"

New this time was a changed run sheet for the port. I added a transfer run from Jefferson City to Houseman to the middle and split the sheet into two sides so that the first operator does side one which includes the transfer run, and then takes a new sheet and turns the port sheet over and puts it back on top of the issued pile for the next operator. This worked but we were still a long way from finishing the port sheet.

There were only a couple of sheets left to do so next time will be a full reset which should give us two more sessions and take us through to October for the planned start of the new system when Ken is expecting to be back on duty.

INFORMAL RUNNING IN PICTURES

by Christiaan Werk



Above: V-line B class with tangerine passenger cars at Jefferson City



Above: This coal train is about to enter the hidden loop which goes under Kingston.



Above: Some of the newer members enjoying running on the Southern Central Railroad.



Above: Pacific National NRs heading toward Atkins



Left: Union Pacific turbine, AKA the big blow, has just passed by Houseman.

WAYNE'S WORKING BEE

by Wayne Hoskin

The curve behind the steel mills has been a problem curve, I think everyone has derailed on it, it shows worse with good old SAR 4 wheelers, all nine of mine recently derailed, the problem being the dents in the track. Warwick and I recently took on the task of relaying that curve, we didn't quite finish the installation at the Wednesday work night, but we did get some trains to run thru it successfully.



So I took the opportunity to go down to the club on the 1st Saturday of July to finish the task ahead of the scheduled run night, a problem was a slight hump in the sub-roadbed, we could have packed it but I elected to lift the track and sand that lump smooth! With all the track re spiked, I had to test it, so what an excuse to have a run around a very quiet railroad - no one else was there, I assembled a train of my own stock in Jefferson City and picked up extra loading at Houseman to get that beautiful ALCO RSD15 a good work out. It all ran well with no problems at the work site, but the crew did have to do some heavy heaving to lean Big Bob the Boxcar over to clear the cliff overhang below Prattis!

The test run showed a slight dead spot at the East end of Haynes yard, I found that a soldered joint (no rail joiner) had broken, I give the previous solderer 10/10 as he had bridged a 2mm gap with solder, which I didn't realise till I applied my heat! A temp fix has been done but I'll come back to this another day for a permanent fix. Another issue was a rail had come loose from the PC bridge piece on the upper track lift section, I had gone prepared with my biiiig soldering iron and repaired that, the test train came in handy again! So it was a pleasant and productive day, it was good to be able to finally get to run around the railroad and check out the track plan and its hidden assets, I had always wondered what the benefit of Cooks Cutoff was, now I know that by using that one can keep circling the railroad then use the return loop to return to Jefferson City, it really was a very enjoyable and productive afternoon. And don't panic Tony, I returned the borrowed Houseman cars back to whence they came.



Above: Repaired bridge piece. photo W Hoskin



Above: Big Bob the boxcar rounds the repaired curve. photo: W Hoskin



Left: The long test train heads to the work site.
photo W Hoskin

ON MY WORK BENCH

by Ken House

Right: I have airbrushed the sand tower that the club bought off the Ray Applebee estate with Vallejo ivory. First removing the ladder to paint black. I have removed one of the spouts because this tower for loading sand into diesel locos will go on the track to the Houseman turntable and so it will be close to the layout's edge. We have a Titchy Trains water column that Paul Wright built to go on that track also. For that track we will need bowsers for fuelling diesel locos and a coal stage of some type to coal the steamers. In short the track leading to the Houseman turntable will become a diesel / stream servicing track.



Left: I was given this service station as a partly built kit by my son's guitar teacher, Ralf Schmidt, in the 1990s. Ralf produced the resin kit under the brand RMS models. I placed it on my layout, the K&EFR, in about 2003 as it was and painted the roof and guttering, and installed half of the front door about four years ago.



Above: The prototype for the building is 26 Mt Barker Rd Hahndorf. I can remember it in 1984, the year I am modelling on the K&EFR. At that time it was derelict, but the "use Waratah motor spirit" sign was still readable though faded and peeling. The petrol pumps were long gone. In the 1990s it was renovated and turned into a shop. This photo is a recent street view from Google maps.



Above: At last I have finally finished it after all this time. Except for a coat of matt spray

Meeting Dates Scheduled Around the Divisions

The dates and locations of the next three Divisional Meetings scheduled in your area are listed below.

This listing may benefit as a quick check list for Divisional Members for when their meetings are scheduled, and it may also be valuable to other NMRA Inc.-AR members to know when other Divisional Meetings are scheduled. This may encourage members from other Divisions who are travelling around the region, to attend an NMRA Inc.-AR meeting in a different division to their own, and meet new people.

I have included a shortened version of the meeting host address, so that guests don't just 'turn up'. If guests / visitors are interested in attending a meeting in a location outside of their division, then you should contact the Divisional Superintendent of that division as shown on page 2 above for more details.

The list below will be updated in each MainLine edition, as I receive meeting updates from the divisions.

Division	Meeting Date	Venue	Location
Division 1	September 21	Darren Starkey	Jimboomba QLD
	October 19	Lismore Layout Tours	Lismore NSW
	Jim Costello	J&J Hobbies	Beaudesert QLD
Division 2	September 21	Rob Anderson	Bemboka NSW
	October		
	November		
Division 3	September 15	Peter & Julie Kendall	Essendon Vic
	October 13		
	November 10		
Division 4	September 15		
	October 20		
	November 17		
Division 5	?	Garden City Model Railway Club	Christchurch
Division 6	September 14	Bob Bevan	Mallala SA
	October	Graham Cocks	Hallett Cove SA
	November	Ray Brownhill	Blakeview SA
Division 7	September		
	October		
	November		
Division 8/9	September		
	October		
	November		
Division 10	September		
	October		
	November		

Divisional Reports

Division 1

Paul Rollason (NMRA Inc.-AR Division1 Superintendent)

Report for June 15th, 2024 Meeting:-

Division Number:	1 (Queensland)
Month:	June 2024
Meeting Date:	15/06/24
Reported by:	Paul Rollason and Bob Tisdall
Reporting Period:	1/05/24 to 30/06/24
Number of Members:	377
Attendance:	Members - 28 Guests - 1 Via Zoom/Teams 6 Via Facebook Live 0 Apologies - 36
Awards Presented:	Nil
Clinics Held:	3 Presentation Style
Upcoming Events:	- Modellers Warehouse Show, 31 Aug-1 Sept @ Beenleigh - 24-25 August 2024 - Redlands Model Railway Show - 16-17 th Nov 2024 - New England Convention - Armidale
Future events:-	- Casino & Lismore 19-20th October 2025 - Bowen Oct 2025, Scott Whitaker O scale layout
Next Meeting:	G Martin Lindley's residence, Labrador, QLD

Detailed Meeting Report: by Bob Tisdall

The NMRA gatherings hold a fascination for me, not only the layouts, nor the expertise often on display. It is simply the places I get to go to that I have no idea existed. The trip to Greg's required journey to Karalee and a wonderful green location looking out to the Scenic Rim.



The weather was perfect, the location great and the audience made welcome by our host, Greg.

Presentations & Clinics

Presentation #1 - Craig Mackie MMR "Developing the Ballast Wagon Model"

Graig took us through the history and thought processes behind the desire and eventual result of building NSW Ballast wagons in HO scale. A desire inspired in part by the economics of building rakes of 20 wagons, and the belief that the "flat sided" prototype would be "simple" to replicate in styrene.



Graig emphasised the importance of reference material and photographs to support the endeavour. He also had some comments on the fidelity of the available kits.

The first attempts at a scratch build were fairly basic (Graig's words), and whilst functional, would not have got him an AP. These basic

designs were refined and the results when painted and weathered became an acceptable model. Possibly no longer as simple as originally thought.

Not satisfied with what had been achieved Graig showed us the result of "Building a Better Ballast Wagon". The detail attention to every facet of this build resulted in an excellent piece of rolling stock. Not simple but definitely worth it.

The plans for the basic and better models are part of the library at RMCQ.



Show and Tell

Arthur Hayes MMR showed us his latest airbrush. This was a battery powered compressor and airbrush from Amazon. I think there may have been a bit of a run at Amazon as Arthur was very pleased with the devices performance.

Kevin Frost showed us a plaster wall board cutter that he had used to good effect on his layout. It solved the tricky problem of enlarging holes in base boards under already laid switches.

Greg Cash showed a PB15 steam loco kit that had taken 15 years to build and had to repair after breaking a few pieces.

Ralph Dowling showed us a scratch-built card shed with galvanised corrugated sheeting. He has now started on the sawmill and using Polonia timber stained with tea bags for the floor.

Rob Perren put up a home-built ballast spreader constructed from discarded juice bottles. A clever recycling idea. He also told s how to use old styrene beads by dissolving them with acetone and using the liquid to produce a styrene sheet.

Presentation #2 - Paul Rollason "Bob and Paul's Epic Journey - Part 3 - Miniatur Wunderland"

If not a world trip exactly Paul's slides showed us the variety and overwhelming scale of a world capture in miniature.

[Miniatur Wunderland](#) is the world biggest railway layout and Hamburg's biggest tourist attraction. The layout is 1,490 m² and has approximately 15 KM of track. Over 10,000 vehicles move around this layout controlled by control rooms that would not be out of place at QR.



It took two days and several thousand photographs to capture the scope and detail of this masterpiece. The Airport, the Railway stations, and even Drake's Passage are convincingly realistic

and fascinating. The population of 260,000 tiny people going about their lives is a masterwork of storytelling and imagination.

In this case a picture or two is better than a lot of words.





13.00 Lunch Break - sausage sizzle provided for members

13.40 Return

Paul's Div 1 Report

1. Div Super Report

- Clinics Weekend
 - Ø Held on 25th-26th May 2024 and a huge success.
 - Ø Was aimed at all levels from beginner to advanced and had many hands-on sessions/clinics and not just lectures.
 - Ø 5 streams (module stream, 3 general streams and Electronics Stream)
 - Ø 46 attendees (not including clinicians)
 - Ø 22 clinicians
 - Ø 1 person travelled from NSW.
 - Ø Very successful weekend and nothing but positive feedback received.
 - Ø Participants loved the hands-on sessions particularly ones they could just drop into at any time (e.g. tree making)
 - Ø There were some lessons to be learnt.
 - Ø Huge thank you to the organising committee plus the clinicians and Bob Tisdall and Tisdall Aviation for use of the hangar.
 - Ø We believe we have the basis for running the convention in 2025.
- FREE-MO layout
 - Ø 2 modules fully completed by Nic and Chris Paterson and a 3rd will be completed by next week by Merv Bagnall
 - Ø Paul having talks with Garry Paper about producing the module components.
 - Ø Looking for people to take on completing a module.
 - Ø Having a competition to design one of the straights at the MTCGC Show
 - Ø Aiming to have all modules completed by end of year for display at Shows in 2025.

- NMRA shirts and jackets. Shirts \$40 and jackets \$85. Current batch distributed.
 - Ø Next batch 31st July 2024
- Track Gauges been ordered and should be here for August meeting.
- Calendar out for 2024 is on the website.

2. AR Report

- 2025 NMRA Convention.
 - Ø Division 1 hosting the event.
 - Ø EOI issued for members to volunteer for various positions. Had 9 people already want to assist.
 - Ø Planning already underway.
 - Ø First meeting to be held in next 2 weeks
 - Ø Likely to be held Aug/Sept 2025
- Bunnings and Jaycar Member discounts.
 - Ø First batch of cards arrived and available for collection at the gatherings (171 Div 1 Members)
 - Ø Rest will be posted over coming weeks.
 - Ø Second batch now sent to ARC secretary for processing.
 - Ø Now have a link for anyone wishing to sign up and details go straight to ARC Secretary. Please use this [link](#) to apply.

3. Membership

- 377 current Qld members
- 3 new members last month - Welcome to Boris Zoubakin, Dean Cording, Kame Klein
- 4 resignations mainly due to not renewing membership for various reasons.
- Gone Home - Nil
- Renewals just going out.
- Southern Downs Steam Railway MTA - Resigned as a 100% club as got insurance under railway instead.
- **REMINDER** to all 100% clubs that EVERY member MUST be an NMRA member otherwise your club cannot be considered as a 100% club and are not covered by insurance.
- 100% also to put in their annual report to NMRA AR before 31st March each year.

4. AP Awards

- Nil

5. Reports

- SIG
 - Ø Modular SIG group - Nil
- 100% Clubs
 - Ø Action MRC - brief report
 - Ø Ipswich MRC - Nil
 - Ø Gladstone and District MRA - Nil
 - Ø Logan District MRC - Nil

- Ø Miniature Train Gold Coast - report by Glen McCarley
- Ø Northern Rivers MRC - Nil
- Ø Toowoomba MRC - Nil
- Ø Wide Bay Burnett MRC - Nil

6. Events for the Year

- o MTCGC Show - 22-23rd June 2024 - Nerang Bicentennial Community Centre
- o 24-25 August 2024 - Redlands Model Railway Show
- o 16-17th November 2024 - New England Convention - Armidale
- Other future events
 - o Casino and Lismore - 19-20th Oct 2024
 - § Very poor response (3 for bus and 3 self-drive)
 - § Bus cancelled (participants will be refunding the bus component)
 - § Will be Self-drive only
 - § If not enough people interest by end of July, will cancel trip altogether
 - o Bowen Oct 2025 - Whitsunday Tour (Scott Whitaker - O Scale hand-built Victoria - 450m² shed)

Presentation #3 - Craig Mackie MMR "Building a Ballast Plough".

You can deliver the ballast with your newly minted Ballast Wagon; now you need to get the stones laid between the ties where it can do some good. Craig's second presentation discusses the NSW Ballast Plough and the build of a model following the prototype. Again, the medium of choice was styrene, and the result is a detailed and free running wagon that adds interest to Craig's extensive layout.



Fellowship

Members socialised throughout the afternoon with much camaraderie shared. Members also spent time looking at Greg's layout.

Gathering Closed @ 15.45.

Division 1 Activities

Over the weekend of 22-23rd June, Division 1 had a display stand at the Miniature Trains Gold Coast Show. Unfortunately for the MTCG Club, patronage was very poor. However, Division 1 was successful in recruiting 4 people from the show with a potential of 2 more. This was a fantastic result for the Division.

As things were quite slow, we also took the opportunity to discuss the 2025 NMRA AR Convention. Many ideas were raised, and meetings set.

Overall, a very productive weekend.....

Division 2

Stephen O'Brien (NMRA Inc.-AR Division 2 Superintendent)

Report for June 2024 meeting:-

Division Number: 2 (Australian Capital Territory)

Month: June 2024

Meeting Date: - - / - - /24

Reported by: Stephen O'Brien

Reporting Period: 1/6/24 to 30/6/24

Number of Members: - -

Attendance: Members - 18
Guests - -
Via Zoom/Teams - -
Via Facebook Live - -
Apologies - -

Awards Presented: Nil

Clinics Held: Nil

Upcoming Events: Nil

Next Meeting: - -

Detailed Meeting Report:

If it's June, the Division 2 meeting is once again hosted by members of the Eurobodalla Model Railway Club EMRC, at the Malua Bay Community Centre.

Eighteen members from across the Division attended the day with a weekend of activities provided by EMRC members.

The EMRC exhibition layout was on display for members to run trains. An impressive Z scale layout by Peter Robins also for our enjoyment. Tables were set up for those that wished to sell off those unloved models and bits and pieces.

John Gillies AR Treasurer informed the member on details of the first ARC meeting for the new term.

Stephe Jitts MMR and A.P. Assistant Manager presented the category of Chief Dispatcher and explained the requirements for this award. A number of members could qualify for this category. Don't forget to keep a log book of your activities.



Show n Tell had a number of interesting items that are covered in more detail in the latest Division 2 newsletter, The Flimsy.

One model displayed and assembled by Peter Robins

who has very low vision was a wooden kit of a locomotive from Ukraine. The instructions were illustrations with no text.


I guess that makes it easy without having to provide Russian and a English translation.



The formal meeting closed with members enjoying afternoon tea and running trains on the EMRC layout.

Ian Barnes opened his layout to an operating session for those members on Saturday night.

On Sunday Ian Barnes, Matt Semenas and Eric Whatman made their layouts available for members to visit.

The members of the Eurobodalla Club put a lot of effort hosting the June weekend and we thank them for our time on the South Coast.....

Division 2

Stephen O'Brien (NMRA Inc.-AR Division 2 Superintendent)

Report for July 2024 meeting:-

Division Number: 2 (Australian Capital Territory)

Month: July 2024

Meeting Date: - - / - - /24

Reported by: Stephen O'Brien

Reporting Period: 1/7/24 to 31/7/24

Number of Members: -

Attendance: Members - -

Guests - -

Apologies - -

Awards Presented: Nil

Clinics Held: Nil

Upcoming Events: Nil

Next Meeting: ??

Detailed Meeting Report:

The July meeting was a wet, cold and windy day with fifteen members, hosted by Stephe and Karina Jitts at Murrumbateman NSW.



Tony Roberts of Bombala NSW was presented with his Golden Spike Award by Stephe Jitts, Assistant A.P. Manager. Tony's layout is based on Bombala, a town no longer served by the railway.

New member David Greaves introduced himself to the meeting. David is a HO scale NSW prototype modeller. One of David's interests is membership of the Model Electronic Railway Group, merg.org.uk an

international UK based group applying electronics and computing to model railways.

Stephe Jitts presented the NMRA Members Code of Conduct to the meeting. A bit different to the usual Achievement Program categories.

Show n Tell had a variety of modelling from members with two interesting items, this superintendent felt worth an article in MainLine magazine.

Ben Featherston, Tree making for his HO layout. The finished trees looked fantastic. I am sure members would like more information on the mediums and materials used and where they can be purchased.

Ian Barnes presented his scratch built HO scale NSWGR 18 class 0-6-0 tank locomotive.

Inspired by scratch built N scale steam locomotives by another Division 2 member.

Ian is working towards his Locomotive category under the Achievement Program.

Other modelling from Show n Tell will be found in the July newsletter of The Flimsy.

" A Footplate Tour of the KVHR " a draft with pictures was read by Stephe Jitts in preparation for an article in a future issue of the Australian Model Railway Magazine.




I wonder if the Kangaroo Valley Historic Railway KVHR has been videoed for a Youtube channel.

The meeting closed with members taking in the KVHR layout room and some trains running. Stephe hosts a regular monthly operating session on a Saturday afternoon.



Afternoon Tea and once again members enjoyed Karina's scones and other delights. A good scone is hard to beat and a dusting of icing sugar gives an added hit.

Thank you to Stephe and Karina Jitts for hosting the July meeting.....

Division 3

Peter Kendall (NMRA Inc.-AR Division 3 Superintendent)

Report for July 21st, 2024 Meeting:-

Division Number: 3 (Victoria)
Month: July 2024
Meeting Date: 21/07/24
Reported by: Peter Kendall & Rod Hutchinson
Reporting Period: 1/07/24 to 30/07/24
Number of Members: –
Attendance: Members/Guests- 22
Via Zoom/Teams N/A
Apologies - 10
Awards Presented: Peter Kendall, AP Master Builder - Structures
Clinics Held: Nil
Upcoming Events: - Sunshine August 3rd & 4th.
- AMRA Showgrounds August 3rd & 4th
Next Meeting: Graham Stockfield, Castlemaine, Sunday 18th August, 2024

Detailed Meeting Report:

The July meeting was held at the home of Gaby and Mick Bennie in the rural climes of Wallan, north of Melbourne. The location houses Mick's On30 layout "The Beechie". It recreates the narrow gauge railway (Colac to Crowes) within the Otway Ranges, southwest of Melbourne.



Special guest was Will James (*below*), well known YouTuber, famous for model & prototype railways throughout Australia. Will wishes to record great railway modelling. There were around 22 attendees and guests which became a challenge for our hostess, Gaby, as she was providing her, now famous, home made pasties.



Much of the afternoon focused on Mick's layout. Trains were continually running providing running action for Will James cinematography under the steady control of Stephen Postma operating the throttle. Rod Hutchinson ran his Deltang Radio Controlled TMC Krauss and Inscale Lawley whilst Will James filmed and photographed.

Mick is somewhat a tinkerer with cars on the layout with operating flasher lamps, various garden crops including the infamous potato farm. Much of the scenery begins on a base of red ochre soil from Woods Point and layers of materials which bring the layout to life. Each railway siding reflects the key elements, and some of the quirks, of the prototype. The trains have an enormous run which winds around the hilly terrain of the Otway Ranges. It is a joy to see a long consist winding about the contours, pickup and dropping of as required. The track work sits on a base of ceiling tiles which makes for very quiet running.

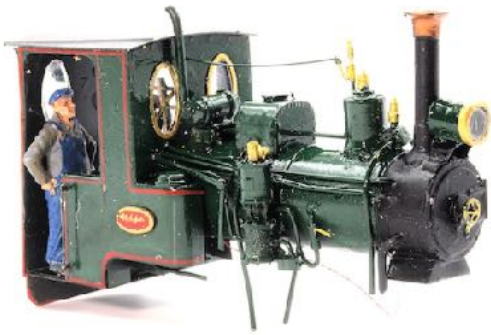
The day was a blue sky day but the wind kept the temperature down. The railway room is accessed from inside the house so there is no necessity to leave the confines of the home. All enjoyed a beautiful meal of home cooked pasties and an assortment of sweets to satisfy any curmudgeon.



As traditional the "NMRA Thank You" plaque was presented to the hostess (Gaby) by our superintendent, Peter Kendall.

Peter received his Certificate of Achievement for the Master Builder - Structures Award.

Models on Display:



Left: Peter MacDonald: On30 - Inscale Krauss

Grant McAdam: 1:48 - SmallTown parts; Victorian Railways 3rd class Residence; Model Art Barrels.

Philip Hillebrand: WiFi DCC throttle

Glen Brooks: 1:24 - Hermosa Creek Bridge
(no photo available for the above three mentioned)



Left and below: Graham Stockfeld; HO - Box Cars by 3



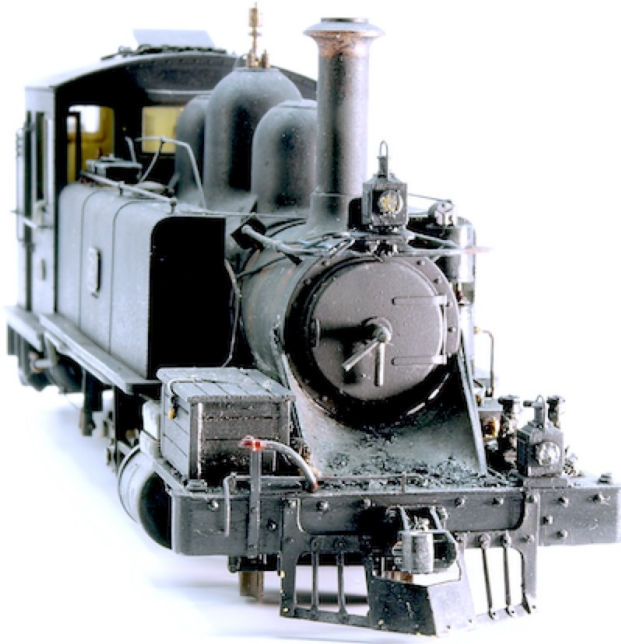
(Below) Rod Hutchinson: On30 - TMC Krauss, Inscale Lawley (2 foot Beira Railway, Mozambique)



Above & Below; Stephen Postma: On30 - Haskell 7A c1930

Peter Gallagher: 1:48 - Tanks and Chimneys (no photo available)

(Below) Mick Bennie: On30 - NK1 Trolley & G41



(Below): From Ron Bennell



(Please Turn to page 80 for the August Report from Division 3)

Division 4

From Frank Godde, MMR® (NMRA Inc.-AR Division 4 Superintendent)

Report for June, 2024 Meeting:-

Division Number:	4 (Western Australia)
Month:	June 2024
Meeting Date:	23/06/24
Reported by:	Frank Godde
Reporting Period:	23/05/24 to 23/06/24
Number of Members:	13
Attendance:	Members - 6 Guests - 0 Via Zoom/Teams 0 Apologies - 1
Awards Presented:	Nil
Clinics Held:	Nil
Upcoming Events:	Nil
Next Meeting:	Dave Whibley's Home, Lesmurdie, 20th July @ 1.00pm

Detailed Meeting Report:

The June meeting was held at Matt Brooks' home on the same weekend as AMRA (WA) held it's annual train exhibition, so Alan was working there and not able to attend our meeting.

Those present talked about building a shunting layout in two parts. Previously, Dennis had formulated a plan, which we had discussed briefly at our last meeting so we continued the discussion and refined some of the thoughts. We wanted to use modern and lightweight materials, and have agreed to use Code 100 track (Frank has a container of fishplates to fit that size !!), and use NCE control.

In order to make this layout transportable, it was decided to make it in two halves 1800mm x 600mm, so that the length would fit into most SUV type cars.

We will build the layout on a 60mm x 19mm timber frame, with 40mm x 19mm bracing. On top of that will be glued a 6mm MDF sheet, then 600mm x 1200mm x 30mm thick blue foam glued on top of the baseboard.


This layout would then sit on 200mm legs on top of a standard fold up table. This also gives us a place to put our coffee cups. When used at train shows, we would staple black curtaining around the table legs, to hide the storage items.

We will all contribute equally to the cost of purchasing the materials. Dave offered to buy first lot of materials, and we will reimburse him our share.

We then decided that each member could make their own module and have it connect into the basic track plan.

Our main aim for this project was to give everyone a chance to learn how to build a basic layout, transport it, present it, and learn new skills in scenery making, scratch -building, and electrical systems (who of us hasn't made a mistake with polarity in days gone by). Once built we could then have hours of running to timetables and maybe get our guys interested in some AP certificates if that was their wish.

After this discussion, coffee and cake was happily consumed (thanks to Matt and his family for the spread). Then we went to Matt's train room to see the progress on his new layout. This is all taking shape very nicely and Matt has used a paste that when it dries, cracks like concrete and looks really good for roads and footpaths. He then has used green moss up to the right of way which also looks good. One of the fantastic things about being in a club together is you see people using different materials in different ways and it is all a great learning curve. It reinforces the fact that there is no wrong way of doing things, just different ways

Our next meeting will be at Dave's home (and once again a date and time change). He will have purchased the first lot of material so that we can get started on this project.....

Division 4

From Frank Godde, MMR® (NMRA Inc.-AR Division 4 Superintendent)

Report for July, 2024 Meeting:-

Division Number:	4 (Western Australia)
Month:	July 2024
Meeting Date:	20/07/24
Reported by:	Frank Godde
Reporting Period:	23/06/24 to 31/07/24
Number of Members:	13
Attendance:	Members - 4 Guests - 0 Via Zoom/Teams 0 Apologies - 2
Awards Presented:	Nil
Clinics Held:	Portable Layout Construction
Upcoming Events:	Nil
Next Meeting:	Dennis Turners home @ Greenfields @ 2.00pm 18th August

Detailed Meeting Report:

The July meeting was at Dave's place. This was slightly different than most of the other meetings for we went there to start off the shunting layout. Dave had purchased the materials for us to build two sections of layout. Matt brought along materials for him to build another one, giving us three units.

The base was constructed using 80x19mm pine with 40x19mm supports every 600mm. On top of this is 6mm MDF which was glued and nailed, and then 30mm blue foam went on the top. As we constructed the bases there was chatter of course. There were only four of us which worked out very well. Dave will bring these units down to the next meeting for us to work out the track plan and have a look at the electrical requirements.

We found that this was an enjoyable change to just having a meeting "around a table". It was a great idea that Dennis presented to us. It will be fun to continue on with the project and hopefully we can all learn some new skills and pass on our knowledge to others.

Of course, any meeting at Dave's is supplemented by a wonderful array of food, and our thanks go to both Linda and Dave once again.....M

Magazine Publishing Deadline Dates

If any member wishes to submit **An Article** for publication in MainLine, your article may be submitted at any time and it will be included in a future edition, where the subject matter will allow for a balanced number of differing subjects to be included, and where the number of available articles will allow for that to occur.

If you are providing any type of report, then **All Report Types** can be submitted at any time with a deadline date being as shown below, which is 10 days prior to the end of the month of publication.

This criteria is requested to ensure that the editor has sufficient time to complete the bi-monthly edition of MainLine in the required time frame.

If you are providing a **Divisional Meeting Report**, please submit your report as soon as possible after each monthly meeting, with the deadline date being as shown in All Report Types below. If your meeting is scheduled after the deadline date, then the cut off date is 5 days prior to the end of the month as shown.

This criteria is requested to ensure that the editor has sufficient time to complete the bi-monthly edition of MainLine in the required time frame.

File Types:- For all submissions, text files saved as MSWord, Pages or Open Office files are preferred with limited text and page formatting. Please don't send pdf files, they are unsuitable for use in this publication.

Photo Types:- For all submissions, photographs are preferred as jpegs or png file types and to be resized to under 300KB in size.

The following are the deadline dates for the next two editions of MainLine:-

November / December 2024

Deadline date for All Report Types = 21st October, 2024

Date for Reports of Div Meetings that occur after the Deadline date = 26th October, 2024

Publish Date on Web Site= < 5th November, 2024

January / February 2025

Deadline date for All Report Types = 21st December, 2024

Date for Reports of Div Meetings that occur after the Deadline date = 26th December, 2024

Publish Date on Web Site = < 5th January, 2025

Division 5

From Philip Sharp (NMRA Inc.-AR Division 5 Superintendent)

Report for May, 2024 Meeting:-

Division Number:	5 (New Zealand)
Month:	May 2024
Meeting Date:	17/05/24
Reported by:	Philip Sharp
Reporting Period:	9/04/24 to 20/05/24
Number of Members:	??
Attendance:	Members & Guests 20 Via Zoom/Teams 0 Apologies - 0
Awards Presented:	Kel Sherson - MMR
Clinics Held:	LCC - What Products are Available Now by Alex Shepherd The Great Gauge Change of 1886 by Philip Sharp
Upcoming Events:	Nil
Next Meeting:	Garden City Model Railway Club in Christchurch

Detailed Meeting Report:

2024 All Abroad NZAMRC Convention

The New Zealand Association of Model Railway Clubs (NZAMRC) held its biennial convention in Auckland at the end of April. The convention was hosted by the Western District and City of Sails Model Railway, a 100% NMRA club, on behalf of the NZAMRC.

Even though the convention was not an NMRA event, Division 5 members played a large part in organising and running the convention. I believe that if it was not for the Division 5 members, there was a good chance the NZAMRC convention would not have been held in 2024.

I would especially like to acknowledge the efforts of Michael Hill and James Kelso. Michael's roles included chairing the convention and the clinics, and editing the convention newsletter. James' roles included being the chairperson of finance and the layout tours, and handling much of the IT work.

Arthur Reddit and Brent Hopley, through their roles on the NZAMRC national executive, contributed greatly to the success of the convention. During the convention, Craig Mayall and Stephen Coleman acted as guides, provided security, and helped with the convention set up and pack up. Elizabeth Mead ran the Partners' Program.

Joshua Hill who is a Division 5 member and still at high school member gave a clinic entitled "Railway Work Equipment in Operations".

Division 5 held an in-person meeting at the convention. About 20 people attended the meeting, a good proportion of whom were not Division 5 members. At the meeting, Alex Shepherd gave the clinic "LCC - What Products are Available Now" and Philip Sharp gave the clinic "The Great Gauge Change of 1886".

Division 5 ran a model competition called the Flatcar Load Challenge (FLC). The judging was by popular vote. The FLC was in addition to the traditional model competition run by the NZAMRC.

A few months ago, the ARC agreed to sponsor the trophies for first, second and third place for the FLC up to a maximum of NZ \$300. I was able to get three stylish trophies with suitable inscriptions for NZ \$255. I thank the ARC for its sponsorship.

We had 17 entries for the FLC, six more than the NZAMRC competition. Thirty-two people voted on the models. Each person was permitted two votes.

There was a tie for first place with two entries getting 17 votes. I asked a modeller who had not voted to choose the winner. The third-place entry gained eight votes. The photograph below shows the winning entry and trophy. *(photo not available)*

The profile of Division 5 was raised significantly by its involvement in the convention. Division 5 has gained two members since the convention. Whether these two joined because of the convention is an open question.

New MMR

Kel Sherson, who was Division 5 superintendent for 22 years, satisfied the requirements for his MMR on May 15. Kel is just the second New Zealander to gain the MMR designation. Kel earned the following certificates: author, chief dispatcher, cars, civil, electrical, official, structures and volunteer.

Club and Group Activities

The American Central Model Railroaders in the Wellington area continued with their regular program of operating sessions during the reporting period.

The City of Sails Model Railway Club in Auckland did not have a meeting in April because its members were heavily involved in hosting the NZAMRC convention.

Future in-person Division 5 meetings

The success of the in-person Division 5 meeting at the NZAMRC means I will be running more in-person Division 5 meetings throughout New Zealand. The next meeting will be at the Garden City Model Railway Club in Christchurch. This club has several NMRA members and I hope a 100% club will be formed in Christchurch.M

Model Train Market Place

On the NMRA Inc.-AR Web site, you will find a link in the 'Members Area', where any financial member who wishes to Sell, Swap or Give Away any Model train related items from their Private collection, can advertise those items.

The link to the location is as follows: <https://nmra.org.au/market-place/>

Should you wish to make use of this member service, then the procedure and rules that will apply for advertising your items, are located on the Web Site.

Division 6

*From David Orr (NMRA Inc.-AR Div6 Superintendent)
Report for December, 2023 Meeting:-*

Division Number: 6 (South Australia)
Month: December 2023
Meeting Date: ??/12/23
Reported by: David Orr
Reporting Period: 12/11/23 to 9/12/23
Number of Members: ??
Attendance: Members - 16
Guests - 0
Via Zoom/Teams 0
Apologies - 0
Awards Presented: Nil
Clinics Held: Nil
Upcoming Events: Adelaide Model Railway Exhibition, June long Weekend.
Next Meeting: 13th January 2024

Detailed Meeting Report:

It is almost time for the Div 6 December 2024 meeting report, however the Superintendent noticed that he hadn't sent in the December 2023 report for all to read, so better late than never!

16 members gathered at Graham and Jan Cocks' residence for our December meeting. David welcomed the members and presented Graham with his 1st and, hopefully, not his last Host Plaque.



Finance:

Treasurer, Ron Solly, advised the meeting of our current financial state.

Achievement Program:

AP Asst Manager, SA, Ray Brownbill, advised the meeting that it's been still fairly quiet with APs in Australia this month. However, we do have a new MMR in QLD and 3 in the US.

Library Report:

The meeting was advised that the DVDs available for purchase are stored at Ron Solly's and that only Convention, Exhibition and "How To" DVDs are in the Library, held by Michael Robinson.

ARC

See ARC meeting minutes.

AMRE:

Ray Brownbill has stepped forward to organise Div 6's attendance at AMRE. Our application has been submitted.

St John's Model Train Show

NT Junction and Div 6 attended the St John's Model Train Show on Dec 2-3.

Comment and opinions from the Div 6 participants;

Ron Solly: It was not so much a train show but a mix of trains, boats/ships & other crafts etc. Plenty of space but very small attendance & while we managed to sell more of a deceased estate, I think us of the NMRA who were in attendance on the NT Junction, had more "play" time on it than the public. In my opinion while it was not stressful, it was boring. That all said, we did have an interesting day Sunday in trying to work out how to input a new loco into the DCC Roco Multimaus system! NCE is a lot easier!

Ainslie Brittain: The attendance was certainly disappointing and on the low side and probably advertising had a fair bit to do with that, as well as other activities (on the Sat am) which were happening at the same time. My view is that sometimes attendance is not as good as anticipated and, as a Club, we may experience high and low attendances but the Club still has to 'wave the flag' so to speak, if new people are to be attracted to become members. I do agree with what was suggested in that a few shunting situations should be committed on cards for operators to try and solve thus having a bit more of a purpose in the activity. It could be of benefit to have a maintenance hour or so before hand to check on things like coupler height, coupler operation over the magnets, loco operation etc. I would be happy to spend some time on programming the locos with speed table values so the top and intermediate speed can be set and relied upon to be quite low and so more manageable when using the ROCO hand piece. Finally I think it would be a help if parts of the ROCO operating manual (eg programming) accompanied the layout when it went 'on tour'. I would be happy to do some photocopying and place in a suitable folder etc.

Tony Mikolaj: I believe that the "show" was not publicised anywhere near enough, most of the two days there were more operators and sellers than public. I was told that it has been much the same other years. The organisers need to realise

that you need to spend money to make money. If this situation is not rectified we should give careful consideration as to whether we should attend next time as with the same amount of effort we could promote the NMRA better to more people.

Ray Brownbill: Echoed the comments by the other participants.

David Orr: Whilst the numbers attending the show were disappointing, Div 6 does need to take every opportunity to be in the public space. The organiser advised that they had 96 members of the public attend the show. Not many but their income for the weekend was \$1080.70. Not too bad given that it was a gold coin donation for entry. Junction Models is a sponsor of this group and had a good result for the weekend. They donated an SDS 800 Class loco to the St John's Model Train group. In discussions with the organiser after the event, I was informed that they will be requesting the adjacent hall for next year and plan to put the ancillary exhibitors, crafts, plants, books, etc, into that hall and reserve the hall we were in for layouts exclusively. To make that work, they will need more layout exhibitors. Div 6 will be invited next year.

NT Junction:

With NT Junction taking part in St John's Model Train Show and the very few "playing" public, it was obvious that we need to do something to attract more "players". So NT Junction will be extended with 1 or 2 modules each end as fiddle yards. This will allow trains to arrive at NT Junction from stage left, do some switching and depart stage right, as they say in the classics. The reverse will also be available, ie, stage right to stage left. We currently have 2 modules created and donated by Ainslie. We would like to add 2 more.

Christmas Lunch

Thirteen members gathered for our 2nd Christmas Lunch at the Cove Tavern, Hallett Cove, prior to our December meeting at Graham and Jan Cocks' at Hallett Cove. Like last month, meals were excellent, the venue clean, bright and very accommodating, although finding a carpark was interesting!

Our next meeting will be at Jim Gifford's, 3 Cadna St, Hallett Cove.



Diary for 2024

2024 is almost upon us and it's time to think about hosting a meeting next year. The Hosts we have for 2024 are;

- | | |
|-----------|---|
| January: | Jim Gifford, Hallett Cove |
| February: | Ray Brownbill, Blakeview |
| March: | Peter Jackson, Aldgate |
| April: | Paulo Arman, Edwardstown |
| May: | vacant |
| June: | Adelaide Model Railway Exhibition, Greyhound Park |

- July: Ron Solly, Evanston Gardens
- August: Adelaide Model Railroaders, Outer Harbor
- September: Bob Bevan, Mallala
- October: Graham Cocks, Hallett Cove
- November: Ray Brownbill, Blakeview
- December: Jane & Michael Robinson, Flagstaff Hill

Round the group

Tony Mikolaj

Tony told us he's continuing activity on the Adelaide Model Railroaders layout. He's also building a camera car.

Jim Gifford

Jim told us of his very substantial layout. His latest operating session was the 7th of a rotating 8 sessions. He uses 7 operators plus himself, using car cards and waybills and his last session ran well but he feels some of the paperwork needs a little tweak.

Graham Cocks

Graham's layout is a modular version of Strathalbyn. He stores the modules in lots of different places including other homes.

David Teague

David has been part of the SANGS layout displaying in Port Adelaide shopping centre.

Neil Tonkin

Neil is moving slowly with the renovation in Casey's room. Unsurprising given Neil's 2nd knee replacement just a few weeks ago.

Michael Robinson

Michael tells us that the turnouts on his garden railway are now wired. On his shed layout, the turnouts are being done but his electrician is on holiday.



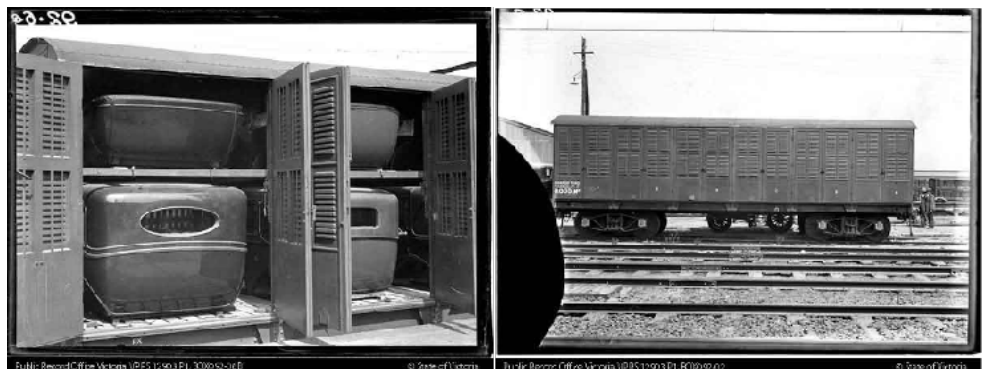
Jane Robinson

Jane has been planting salvias for Michael's garden railway. And it's looking good.

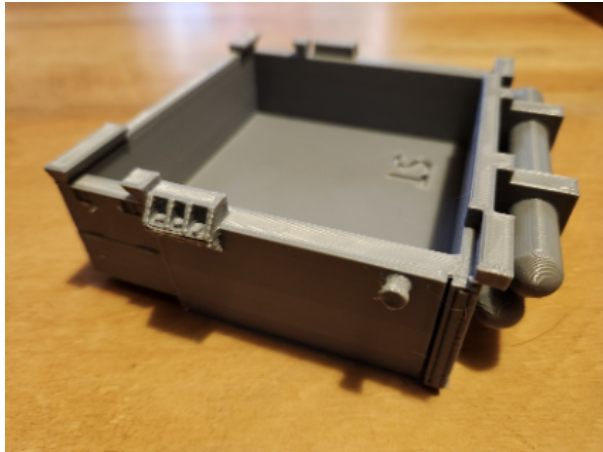
Scott Taylor

Scott told us about an MBT wagon in HO scale. 3D test print of a Motor Body Transport (MBT) wagon, one of a planned series of car component carriers the SAR built.

Strongly influenced by the M series steel



body boxcar introduced by Commissioner Webb. Designed to be fitted with Kadee couplers and Steam Era bogies / wheels.



Scott is also building rolling stock in 1:24 scale. An SAR / CR NJ locomotive fuel tank 1:24 - 3D test print of NJ loco fuel tank for planned NJ series build in large scale.

Ron Solly

Tiverton, the new location on Ron's Devan and Summersett Railway is now being scened. He was hoping to use a light at the Tiverton Station, ex Ray Applebee's estate but discovered that he light was blue. Someone suggested it should have been red!

Paolo Arman

Paolo is still assisting on the Adelaide Model Railroaders layout and relayed to the group regarding the importance of maintenance.

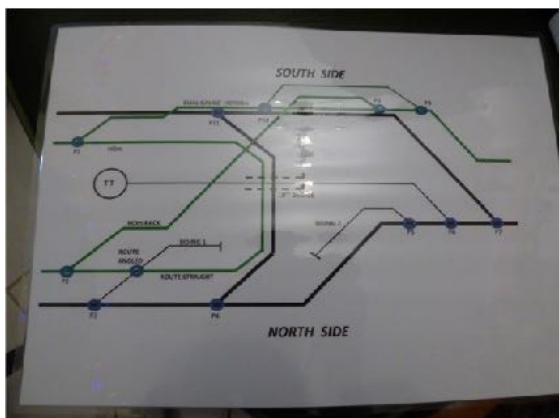
Ainslie Brittain

Ainslie displayed to Members a track diagram depicting the layout that he is endeavouring to complete, a simple out from storage sidings and then return to the storage sidings via a reverse loop.

He stated that during laying track, an oversight occurred but fortunately was able to be corrected using a rather basic but "special" tool. His track laying procedure was similar to that of most modellers, being prepare the usual timber base, lay and glue with "Liquid Nails" the track base (in this case "Mid West") to the timber, prepare the track section including solder points to later attach the dropper wires, cut and if required shape to suit, attach track joiners and finally lay and glue to the cork track underlay

having connected in this case to a point and the adjoining track section. The next day checking the result and satisfied that all was aligned etc, he then realised that he had not drilled the hole through the base required for the "Tortoise" point motor springy operating wire to engage with the tie bar! Damn"

What to do? As he did not want to take up the now glued track and track base, he first carefully drilled a 1.5mm hole through the track and timber base to mark the approx.

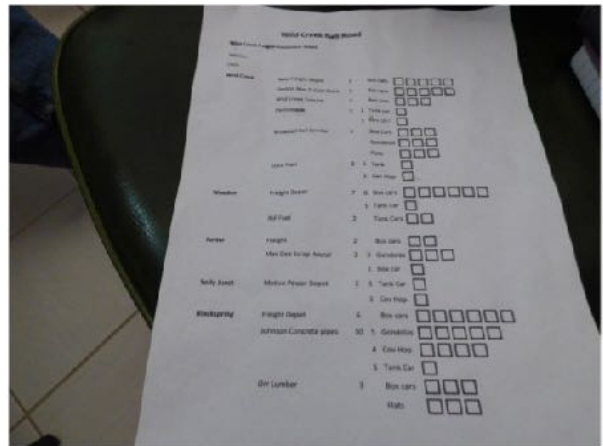


centre of the required hole, now visible from beneath the baseboard. Fortunately, he found a piece of flat steel approx 300mm x 30mm by 0.6mm thick and as the point was not glued around the tie bar, he was able to insert the "special tool" between the point base and the underlay. Now with the aid of a 10mm Brad Point (for wood) drill bit he was able to drill a hole from below the base board using the visible centre mark. As the drill bit used had a centre point and only cut on the edge, a neat hole was able to be drilled through the timber and track base until the point contacted the "special" tool, so not going any further and damaging the tie bar rod, etc.



Ray Brownbill

Ray told us he's been working on the structures at the Wild Creek location. His words of wisdom are, "paint the windows FIRST". Ask him how he knows! Ray has been calculating how many pieces of the various types of rolling stock he can/should fit into the locations on his layout. He's developed a working sheet to help him keep track.



Ray celebrated a milestone on the Wild Creek RR, - his 250th operating session! Well done Ray!

Vern Cracknell

Vern was pleased to advise members that purchaser has been found for the retailer "All Aboard".

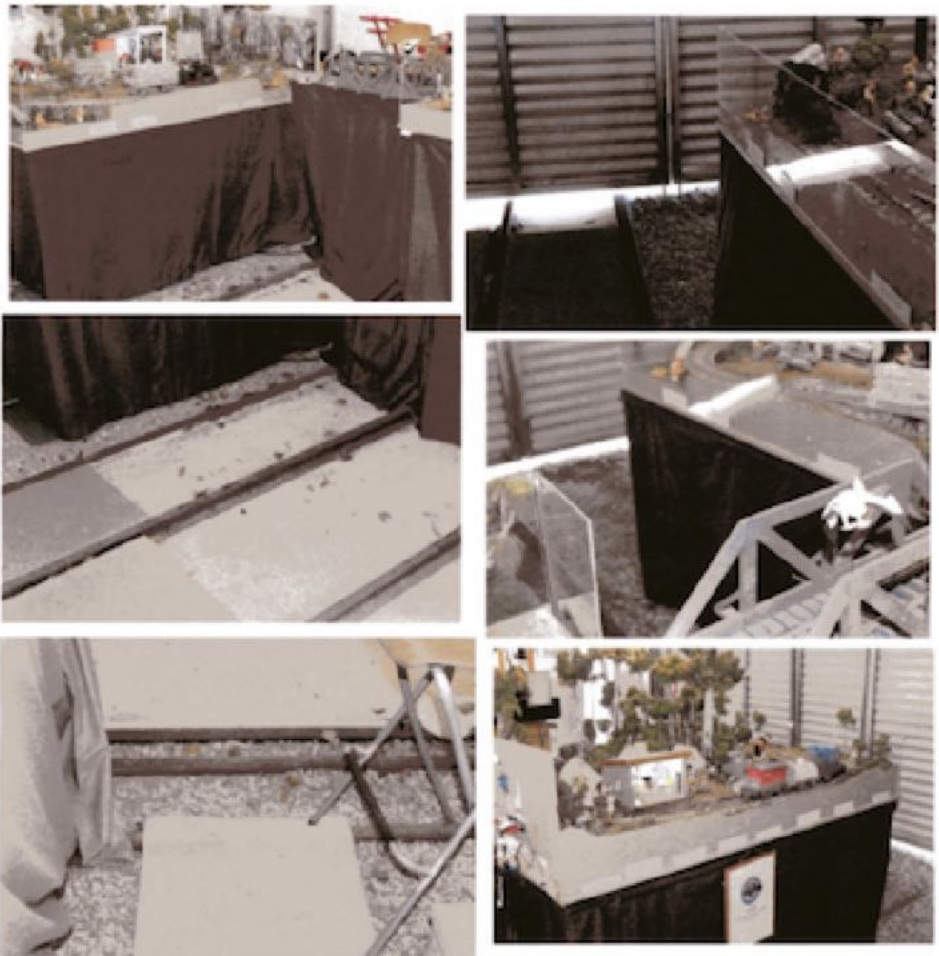


Vern's Uphill Logging was at the Milang Exhibition.




Uphill Logging was located in the Light Railway Museum, Milang for the 2023 Exhibition. The layout was located next to a Steam Train simulator (very effective, with sound, visual display of movement, smoke, and lever manipulation) which could be operated by visitors. This meant a crowded corner at times. The photograph shows Peter at the controls.

Next meeting
Our next meeting will be on Saturday 13th January 2024 at Jim Gifford's 3 Cadna Street, Hallett Cove.



Uphill Logging in the Light Railway Museum, Milang. Nov 2023.

During the Exhibition we had to be careful, preventing ourselves from tripping over rails. The public also had to watch their step. The layout sat on ply boards over the three gauges rails, with the gravel infill. It was not stable. Some oldies grabbed the upright for the lighting system, which made the layout shudder, as well as us!

Meeting closed at 2:45pm and adjourned for afternoon tea and a chinwag.....



Division 6

*From David Orr (NMRA Inc.-AR Div6 Superintendent)
Report for June, 2024 Meeting:-*

Division Number: 6 (South Australia)
Month: June 2024
Meeting Date: N/A
Reported by: David Orr
Reporting Period: 12/5/24 to 10/6/24
Number of Members: 61
Attendance: Members - N/A
Guests - -
Via Zoom/Teams - -
Apologies - -
Awards Presented: Nil
Clinics Held: Nil
Upcoming Events: Nil
Next Meeting: 13th July 2024, Ron Solly's home in Evanston Gardens

Detailed Meeting Report:

13 members of Division 6 attended the Adelaide Model Railway Exhibition over the 3 day long weekend of June 8th to 10th as part of NT Junction and the NMRA modelling tables. 15 additional NMRA members of Division 6 attended the exhibition with either their own layouts or assisting on a friend's layout.

(Right); Vern Cracknell was there with his Uphill Logging layout.



(Below); Peter Cawthorne, Neil & Casey Tonkin were there with Neil And Casey's half of the DCN TTrak layout.



Unfortunately, David Teague couldn't be there with his half as David caught covid the day before.

Neil's partner, Liz paid a visit as well to help with the packing up.



(Above); Six members of the Adelaide Model Railroaders (a 100% member club), Tony Mikolaj, Warwick Graham, Jeff Barclay, Peter Kirkland, Mark Sellars and Mel Jones were there, encouraging members of the public to operate their Southern Central RR layout.

(Right); Graham Cocks, a member of SANGS, the South Australian N Gauge Society was there as an operator on SANGS Planes of Fame layout.



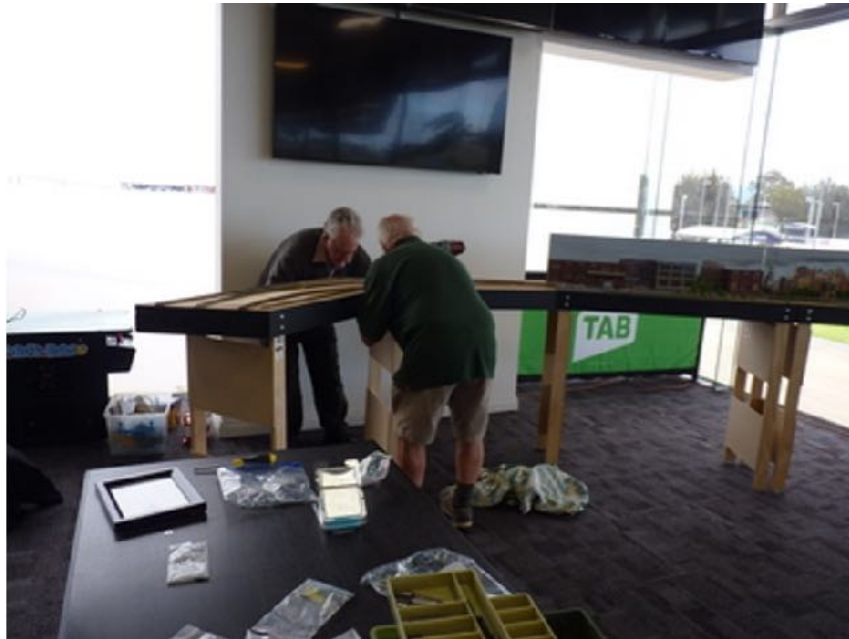
(Left); Wayne Hoskin, also a member of Adelaide Model Railroaders, was there operating on the Illium Wye layout.

(Right); Ron Solly and Craig Chidgey were there as operators on the Ampney O gauge layout.



Ray Brownbill, David Orr, Ainslie Brittain, Paolo Arman, John Marsh, Steve Weedon, Jane & Michael Robinson, Peter Jackson, Bob Bevan, Marcel van Eck, Rowan Lee and Scott Taylor were the face of NMRA with NT Junction, helping junior engineers drive trains and modelling demonstrations.

Setup:-



Driving trains:-



So how was it?





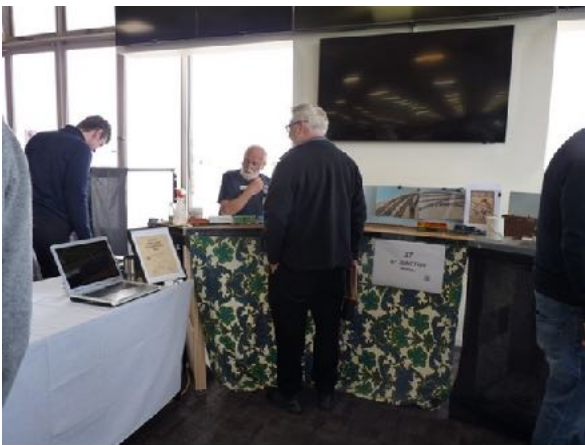
(Left);- It's hard work being a Train Controller with kids!



(Right & Below);- Demonstrations:-



(Below);- Ray Brownbill ballasting the new track:-




(Right & Below);- Some of the crowd:-





Special thanks to the following members;

Ray Brownbill and Ainslie Brittain for helping to setup on the Friday,
Ray Brownbill, Paolo Arman, Steve Weedon, Peter Jackson, Bob Bevan, Rowan Lee,
Ainslie Brittain and Scott Taylor for being train controllers and letting the kids drive
the trains,
Ray Brownbill, Marcel van Eck, Jane Robinson and Michael Robinson for the
demonstrations,
Michael Robinson, Peter Jackson and Tony Mikolaj for the photos,
Ray Brownbill, Ainslie Brittain and Scott Taylor for helping to pack up at the end of
the show.

An extra-special thanks to Ray Brownbill for taking over organising Div Six's
involvement.....

Division 6

From David Orr (NMRA Inc.-AR Div6 Superintendent)

Report for July, 2024 Meeting:-

Division Number: 6 (South Australia)

Month: July 2024

Meeting Date: 13/7/24

Reported by: David Orr

Reporting Period: 11/6/24 to 13/7/24

Number of Members: 59

Attendance:

Members -	12
Guests -	0
Via Zoom/Teams	0
Apologies -	5

Awards Presented: David Orr - AP Certificates for Association Official, Association
Author, Chief Dispatcher, Model Railroad Engineer - Electrical & Golden Spike.

Clinics Held: Nil

Upcoming Events: Nil

Next Meeting: 10th August at the Adelaide Model Railroaders, North Haven

Detailed Meeting Report:

12 members gathered at Ron Solly's residence for our July 2024 meeting. David welcomed the members and presented Ron with his Host Plaque.



ARC things:

David advised the meeting that with a new AR Secretary, a new AR Membership Officer and a new Pacific District Director, we have some new reports. Speaking of members, David also advised the group that Division 6 has 6 new members, 5 of which are also members of the Adelaide Model Railroaders club. Welcome, Marty Fox, Kristen Cann, Melvyn Jones, Terry Le, Nikos Peterson-Sperou, Keith Pennington and James Pennington.

Finance:

Treasurer, Ron Solly, advised the meeting of our current financial state.

Library:

Michael Robinson, our Div 6 Librarian, advised the group that the library was with us today. A suggestion was made that instead of carrying the library to every meeting, the current library list will be sent to members with the email advising of the upcoming meeting. If any member wishes to borrow a library item or items, just let Michael know before that meeting and he'll bring the item(s) to the meeting.

Shirts, jackets and badges:

In the May Div 6 report, it was suggested that, with our new shirts and jackets, we would look "very speccky" at the exhibition. The suggestion was true, we did look "very speccky". Most name badges have now been handed out.

Achievement Program:

Achievement Program Asst Manager, SA, Ray Brownbill, advised the meeting that in Jan to June 24, 281 certificates have been achieved world wide, 223 APs, 17 MMRs and 41 Golden Spikes. Ray told us that if this continues, 2024 is going to be the best year for the Achievement Program for many years.

Ray was also pleased to award David Orr with his AP Certificates for Association Official, Association Author, Chief Dispatcher, Model Railroad Engineer - Electrical, and his Golden Spike.



Members Benefits

There appears to still be some confusion around the Jaycar Member Benefits, Whilst the Bunnings Member Benefit uses a PowerPass card, the Jaycar Member Benefit uses an account number. When purchasing at Jaycar, simply quote the number that was on the attachment I sent out with my email of Friday, 28th June 2024.

NT Junction:

After being asked several times at the Adelaide Model Railway Exhibition whereabouts in Northern Territory the layout was from or based on, it was decided that we needed a new name for NT Junction. The suggestion is that it shouldn't be Australian, British, American or European, it should be something generic that would allow members to run trains from all over the world.

AMRE (Adelaide Model Railway Exhibition):

David advised the meeting of a letter received from the AMRE Convener and Deputy Convener, thanking Division 6 for our contribution at the Exhibition. The ballasting demonstrations, presented by Ray, were very popular and especially appreciated by the AMRE team.

Ron Solly advised the meeting that, although we had 2 traders pull out at the last moment and the second hand stall was at times chaotic, the exhibition was the 2nd best in the last 10 years.

Ray advised the meeting;

- This year we had 13 members attend to assist with our stand, several members for 1 day.

- Both David Orr and myself were there for set up on Friday and the 3 days plus pack up.
- Ainslie Brittain helped to set up, was there on the Monday and helped to pack up and Scott Taylor was there on the Monday and helped to pack up as well.
- Members over the weekend were;
 - Paolo Arman, Michael and Jane Robinson, John Marsh, Steve Weedon, Bob Bevan, Peter Jackson, Marcel Van Eck and Rowan Lee
- The NT Junction layout was busy as usual with young boys and girls running the layout.
- Because it seems to be the same members doing most of the work, we are calling on members to get involved next year for a little extra help, otherwise we may not participate.
- We realise that some of our members have layouts displayed.
- 6 AMR members were on their own display
- It will be up to the members to help.

St John's Model Railway & Hobby Show:

This will be on the 30th November and 1st December 2024 in St John's Auditorium in Salisbury. This show still struggles with publicity. It's been suggested to the Organiser that more needs to be done to publicise this event. We shall see.

Assuming it is publicised well, Division 6 may still not participate if we don't get sufficient members assisting.

Christmas Lunch:

The meeting decided that Christmas Lunch will be held on the 14th December at Charlie's Diner in Brighton Metro Hotel, 466 Brighton Rd, Brighton, commencing at 12 noon, prior to our meeting at Jane & Michael Robinson's.

Next meeting:

Our next meeting will be on August 13th at Adelaide Model Railroaders, Outer Harbor Rwy Station, Oliver Rodgers Road, North Haven.

Round the group

Bob Bevan:

Bob told us that things have been happening, scenery being added, electrical work being done, things are progressing on a fortnightly basis now. And before it's finished, changes are planned - a staging yard extension in the workshop.

John Marsh:

John has been emptying more boxes and tells us he can see more of the carpet now!

Paolo Arman:

Paolo told us he's been re-organising his space and completing more circuit boards for AMR:

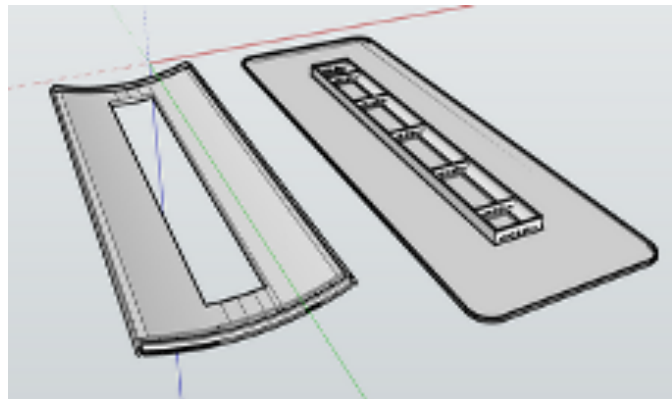
Tony Mikolaj:

Tony has been building 2 scenic backboards for the steelworks at AMR, fixing electrical issues and wiring new points for a runaround and TOFC at Kingston at AMR.

Scott Taylor:

Scott told us;

- FRN wagon is now completed, it just needs a little weathering .
- FBN wagon - 80% done, just waiting on lettering, underframe detailing and bogies
- #3 passenger car - Roof is at ready to print stage, decaling and detailing to follow.



- MBT #1 - files for printing are reworked to improve printing as well as assembly.
- DE 91 - awaiting Remote Control unit and reassembly, decaling.
- SAR F Class - files being reworked for printing, due to unforeseen weakness in the underframe.

David Teague:

David admits things have been quiet on his own layout - he's been part of the SANGS display at Port Mall.

Jane Robinson:

Jane has been helping son Michael with the canyon on Michael's garden layout.

Michael Robinson:

Michael has been assembling laser cut kits from Trakside Models and Walker Models. He's not so happy with the Walker Models kits as you have to supply your own doors and windows. His friend Ron Dunkley, has been fitting more electrical modules to Michael's layout which now has 20 modules underneath the layout.

Ray Brownbill:

Ray has acquired a new Lenz command station, an LZV200 but he's having a terrible time with it. For a reason he has yet to discover, after being powered on with the new command station in control, it appears that it's not in control as locos run away, control lights flash and mayhem occurs.

STOP PRESS: Ray has solved the dilemma and the Wild Creek RR is once again operational!

Ron Solly:

Ron is still being a "mole" at Bob Bevan's layout at Mallala. On his own Devan & Summersett Railway, he now has a new extension - Tiverton and is working on new timetables. At St Kilda, he's part of the group building a new P4 layout.

Rod Stewart:


Rod told us that the layout is progressing slow and steady.

David Orr:

David has been fitting sound decoders to his stock, some 6 On30 locos, 2 On30 Rail Buses and 3 HO locos. He's become good friends with his soldering iron!

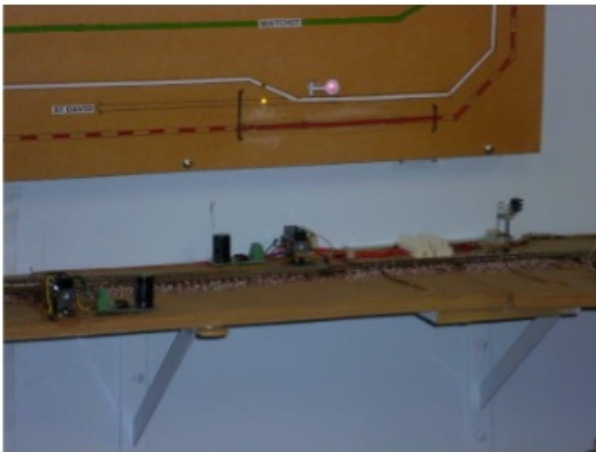
The meeting closed at 3:45pm and we adjourned for afternoon tea and a look at Ron's layout. Thanks to Michael Robinson for the photos of the meeting.

Next meeting:

Our next meeting will be on the 10th August at the Adelaide Model Railroaders clubrooms, Outer Harbor Railway Station, Oliver Rogers Road, North Haven.....

Some photos of Ron's layout:-







Division 6

From David Orr (NMRA Inc.-AR Div6 Superintendent)

Report for August, 2024 Meeting:-

Division Number: 6 (South Australia)

Month: August 2024

Meeting Date: 10/8/24

Reported by: David Orr

Reporting Period: 14/7/24 to 10/8/24

Number of Members: 62

Attendance:

Members -	23
Guests -	0
Via Zoom/Teams	0
Apologies -	1

Awards Presented: Nil

Clinics Held: Nil

Upcoming Events: Nil

Next Meeting: 14th September @ Bob Bevan's home in Mallala

Detailed Meeting Report:

23 members gathered at Adelaide Model Railroaders clubrooms, our 100% NMRA club, for our August 2024 meeting. David welcomed the members and presented the AMR Secretary, Tony Mikolaj, with his Host Plaque.





ARC things:

David brought the meeting up to date with ARC happenings and advised that the next ARC meeting will be Monday 12th August. Div6 is looking good with regards to numbers.

The next AR NMRA Convention will be organised by Div1 and looks likely to be held around Sept/Oct 2025. Arthur Hayes, MMR, will be the Modelling Contest Chair and is suggesting some changes to the contest rules to bring the contest into the 21st century and with a push to attract more members to participate and "have a go".

David also made sure that the group were well aware of the new Member Benefit available from Barnes Products Australia. Our Achievement Program Asst Manager, Ray Brownbill, gave them his "tick of approval".

Achievement Program:

AP Asst Manager, SA, Ray Brownbill, advised the meeting that in July, 31 certificates have been awarded world wide with 1 in NSW and 1 in SA, 8 Golden Spikes have been awarded with 1 in Australia and 3 members in USA have achieved their MMRs. Ray had no judging during July.



Finance:

Treasurer, Ron Solly, advised the meeting of our current financial state.

Library:

No requests for any library item was made this month.

ARC Library:

David advised the group that the DVDs from the ARC library are now here and are being categorised.

Shirts, jackets and badges:

Two more name badges and 1 Bunnings Power Pass card were handed out. Two shirts and 1 jacket will be embroidered shortly.

NT Junction:

We're still looking for a new name.

AMRE (Adelaide Model Railway Exhibition):

Ron Solly advised the meeting that there was some concern regarding the judging and steps have now been taken to have 3 independent judges next year.

St John's Model Railway & Hobby Show:

A reminder that this will be on the 30th November and 1st December 2024 in St John's Auditorium in Salisbury. This show still struggles with publicity. It's been suggested to the Organiser that more needs to be done to publicise this event. No decision regarding Div6's participation has been made.

Christmas Lunch:

A reminder that Christmas Lunch will be held on the 14th December at Charlie's Diner in Brighton Metro Hotel, 466 Brighton Rd, Brighton, commencing at 11:45, prior to our meeting at Jane & Michael Robinson's.

Next meeting:

Our next meeting will be on September 14th at Bob Bevan's residence, 26 Cameron Terrace, Mallala, commencing at the usual 2pm.

Round the group

Kent Henschke

Kent is an AMR member and, as is normal for Kent, he's been working on the AMR layout.

Scott Taylor

Scott told us about "*More adventures and misadventures in 3d Modelling*"

#3 Passenger Car - the development of the 3d files for printing has had mixed success with the first and second test prints. The first was a 2-piece assembly where the roof has the centre assembly attached, and the sub roof has room to slot onto the roof and become a one piece that fits nicely onto the body. Little of the sub roof printed and there was more filament printed in the roof than expected.



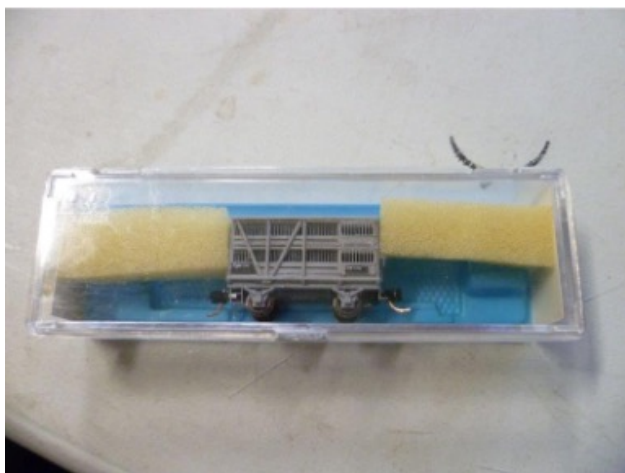
After some additional fault finding work and fixes, the second print yielded more success as the centre panel was printed separately, and all parts designed to fit together. I wasn't happy with the bow of the roof and tried applying some heat treatment to rectify it, the hair dryer had limited success, and the hot water from the kettle well was.....not what I expected.

FBN wagon - the development of the decals is complete and ready to print, while the layout of the airline and brake system is being researched. From the limited detail photos available, getting those details accurate is taking longer than expected. The wagon should be 90% complete by the MRSAC in a couple of weeks.



Graham Redman

Graham is another AMR member. He's been having health issues which has kept him at home building kits. A house move has resulted in the demolition of his old Bowmans layout and the building of a new, smaller layout. Graham has some buildings from his old layout available for purchase.

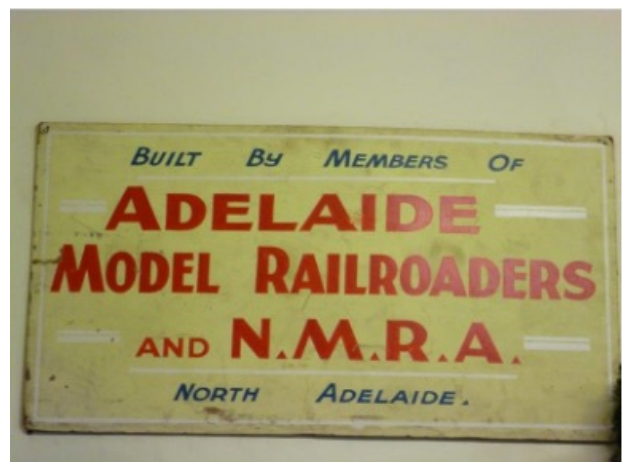


Graham Cocks

Graham has finally acquired wheels for the N scale 4 wheel sheep wagon he's scratchbuilt.

Jeff Barclay

Jeff is the President of AMR and told the meeting he seems to be the goto person for the RIP track at AMR. Jeff drew everyone's attention to the large metal plaque on the wall proudly stating Adelaide Model Railroaders heritage with NMRA since around 1953.



David Teague

David tells us he's had a quiet month.

Paul Wright

Paul is another AMR member. He's been interstate at the AMRA exhibition at Flemington - a good show, says Paul.

Paul Atkins

Paul is another AMR member and tells us he's had a quiet time.

Marcel van Eck

Marcel showed the group the diorama he was working on at the Adelaide Exhibition. Although it's an HO scale diorama and Marcel models in HOn3, it has an N scale hut on it for forced perspective. Marcel told why he doesn't model in N scale!



Ray Brownbill

Ray has done some underground wiring for yard lights at Wild Creek yard and has been doing some general servicing of locos.

Ray told us about his trip to Victoria to visit some friends and attend the AMRA show. He travelled by Overland (\$105), stayed in Geelong (he's really a Cat) and travelled by Velocity up to Melbourne every day. After visiting his friend on Friday, he met up with Reg Foster, one of his Wild Creek operators, travelled by train and tram to the AMRA show on Saturday, travelled again by train and tram to the Sunshine exhibition on Sunday before getting back on the Overland for the trip home on Monday with Reg. Overall, a great trip said Ray.

Tony Mikolaj

Tony is another AMR member and has re-built background scenes at AMR and wired new points using the previously designed circuitry which were built by Paolo Arman. A cause for great concern just before an operating session was when a booster "blew up". Thankfully, says Tony, a solution was found.

Bob Bevan

The staging yard extension that was planned for much later has been brought forward so now Bob's layout is running less than it was!

Paolo Arman

Paolo is yet another AMR member and told us he's been cleaning wheels at AMR.

Jim Gifford

Jim has been working on new schedules and has reduced his 8 sessions to 4, his 7 operators to 5 and now runs twice per month.

Michael Robinson

Michael has been running his garden layout. His shed layout is undergoing a re-design of control panels.

Jane Robinson

Jane tells us that the garden group that she's part of visited recently and showed great interest in the garden layout, especially the men.

Craig Chidgey

This is Craig's 1st meeting of his 2nd NMRA membership stint and he tells us;

"I have had a keen interest in railways for over 50 years as both my grandfather and uncle were train drivers in NSW. I have railway modelling interests across a number of scales and regions, including Japanese 'N' Scale, On30, HO NSW and South Australian Railways and English OO scale. Myself and my son, Connor, currently have an English based layout in a 4m x 5m space. It is based around the Hawkhurst region in the South-East of England. Even though it is the county of Kent, which is in 'Southern' England territory, we also have a passion for the Great Western Railway, hence we model the period between 1926 and 1948. Steam is the norm on my layout. I operate the layout using DCC."

Ainslie Brittain

Ainslie informed the Members that the main problem causing the backlash on his HO turntable was the 60mm long thin-walled shaft of 6mm Diam connecting the rotating table tracks to the stepper motor. The existing shaft was displayed where an indent caused by the Allen grub screw could be clearly seen. It was virtually impossible to get a solid connection between the table shaft and the stepper motor shaft.



So, a new shaft requiring lathe and milling expertise was required. Fortunately he was able to find a suitable person and after 5 days a new shaft was received. Photos of the new shaft complete with centre hole for 2 wires, a flat stepped section on one end of the shaft allowing secure tightening of the grub screw and a 1.9mm hole at the opposite end to allow a securing pin, was received.

The installation of the new shaft has improved the reliability of the table alignment to the roundhouse stall tracks. He has the name and phone number of the person should Members require similar metal work to be carried out.

Other activities were concerning speed matching so that consisting of up to five or more **dis-similar** locos can be carried out. He has found out (the hard way) that most of the same named decoders that are 10 or more years old have not been able to program reliably using the 28 speedstep Table, (CV29 =50/51). He is investigating whether installing a new speed decoder, but still using the functioning sound section of the existing decoder is feasible. One drawback is that each decoder needs to be programmed independently so a micro switch for example, could be fitted, preferably inside the loco body allowing isolation of each decoder when programming is required. He will report if successful in the future.

Rod Stewart

Rod was so pleased with his recent progress that he decided to have a rest!

Ron Solly

Ron has finished wiring at Mallala, finished his timetable on his Devan & Summersett Railway and is now working on the scenery on his Devan & Summersett.

Peter Jackson

Peter tells us he's been doing some loco maintenance.

David Orr

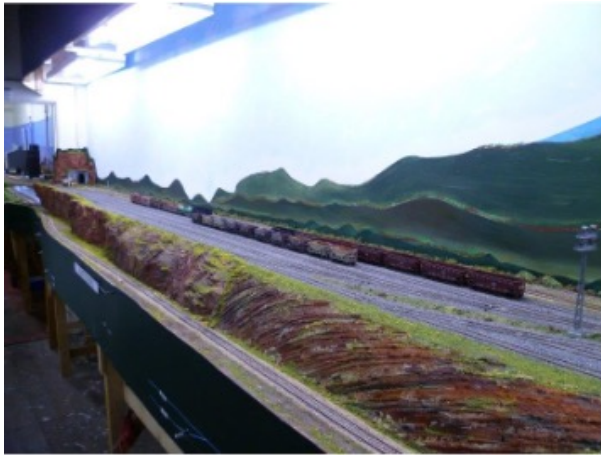
Thanks to Ray Brownbill, David's layout now has a lifting bridge.

The meeting closed at 3:45pm and we adjourned for afternoon tea and a look at the Adelaide Model Railroader's layout. Thanks to Michael Robinson and Tony Mikolaj for the photos of the meeting.....📷



Some photos of Adelaide Model Railroader's layout







VALE

Mark Jackson

NMRA Member No: 700430

Division 5 (*New Zealand*)

Joined the NMRA in 2010

Passed away (*approx*) July 2024

Aged 80+ Years

VALE

Laurie Green, MMR®

NMRA Member No: 090730

Division 3 (*Victoria*)

Joined the NMRA in 1991

Passed away August 2024

Aged 80+ Years



The following three articles are structures completed by Division 6 member, Marcel van Eck

HO Scale Trackside Maintenance Shed Kit



Construction Materials

- **JL Innovative Design** kit materials including clapboard siding (incorrectly assembled - instructions are useful, occasionally!), tar-paper roof, plastic doors, windows and glazing.

Added Details

- 0402 LEDs (warm white) for external lighting
- 0402 LED (warm white) for internal lighting
- **Tichy Trains** lamp fixtures for external lights
- Northeastern Scale Lumber 4" x 2" plank for internal framing
- Balsa sheet floor, scribed
- Northeastern Scale Lumber 8" square for shed base
- Assorted commercial barrels and oil cans; scrap balsa for boxes and crates
- A lousy, pale green, patchy, airbrushed paint job - Tamiya flat acrylics
- Weathering powders and India Ink-IPA wash

The model was displayed at the NMRA Division 6 meeting held on Saturday 11 September 2021, primarily to demonstrate the three "Five Minute Project" outside LED lamps.



HO Scale Scratch-built Curved Wooden Tunnel Portal

Construction Materials

- Northeastern Scale Lumber 12" square for the six frames
- Northeastern Scale Lumber 8" square for longitudinal roof supports
- Northeastern Scale Lumber 10" x 2" plank for sides
- Northeastern Scale Lumber 8" x 4" plank for the roof
- Curve maintained using Brunel Hobbies HOn3 20"-radius curve aligners

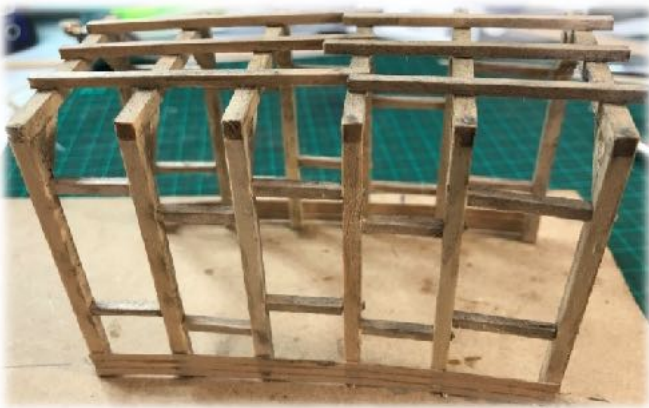
Added Details

- Grandt Line NBW castings
- Weathering powders and India Ink-IPA wash



The Story

This curved portal is located to the immediate south of the Muzzby turntable work area. The portal extends out from the rock face to prevent loose rocks



Early construction image showing curve



HO Scale Yard Office Kit



Construction Materials

- **JL Innovative Design** Yard Office kit.

Added Details

- 3mm LED (warm white) for internal lighting
- Coloured paper on internal walls
- Scratch-built tables, chairs, desks, notice boards, notices and pot-bellied stove
- **Brunel Hobbies** corrugated iron maker and foil for roof
- **Preisser** figure outside, unknown brand figures inside
- Commercial pallets and coal
- A patchy, airbrushed paint job – **Tamiya** flat acrylic
- Weathering powders and minor India Ink-IPA wash



Division 7

John Arrowsmith (NMRA Inc.-AR Div7 Superintendent)
Reports for June, July and August, 2024 Meetings:-

There has been no reports received by the editor from Division 7 for either the June, July or August months for inclusion in this edition.

Division 8/9

Ian West (NMRA Inc.-AR Division 8/9 Superintendent)
Report for June, 2024 Meeting:-

Division Number: 8/9 (Northern NSW)

Month: June, 2024

Meeting Date: 22/06/24

Reported by: Ian West

Reporting Period: 8/5/24 to 30/6/24

Number of Members: - -

Attendance:

Members -	20
Guests -	0
Apologies -	13

Awards Presented: Nil

Clinics Held: Nil

Upcoming Events: Nil

Next Meeting: Undecided, but possible the third week in August

Detailed Meeting Report:

The CCRMI held their AGM on Saturday 22nd June at 10am in their Club House, and this year there was a concrete floor not mud! Twenty members were in attendance, including two visitors who became members of both the CCRMI and NMRA that morning. There were 13 apologies.

Most positions remained held by the same person. It was very exciting to have a new member volunteer for the NMRA position as I have not been well lately as well as having held the position for four years. Your new representative, Anne-Marie Briggs will be taking over next meeting once I have let her know the tasks for her new position and have officially notified the ARC.

As you can see, the cladding of the CCRMI Club House is almost complete and we are looking forward to being able to host our official opening to the public in January 2025.



Antiques and Collectibles Fair

The Annual Antiques and Collectibles Fair was held in Coffs Harbour on the weekend of 29th and 30th June. The CCRMI catered with their "Tuck Truck", had a trade table and had their "Thomas" self-drive exhibit available for train buffs to use. We found a few interested members of the public who we may be able to entice to join us, especially once the Club House is officially complete.



Paul Baker with one of his items for sale



Left: Paul Baker and Geoff Francis ready to sell surplus supplies on the trade table. Raising funds is always on everyone's mind.

Right: was joined on the "Mt Thomas" self-drive layout by new member, Bryson Widdens. It wasn't just our junior visitors who enjoyed running the trains.



Right: Al Harris and Jim Sowter are our regular BBQ chefs and started the day making bacon and egg rolls outside the "Tuck Truck".






(Left) Kerry Wraight is taking an order inside the van while Steve Hunt is on assembling duties.

Swap Meet

The second annual Swap Meet will be held in Coffs Harbour, at the Showground on the weekend of 6th and 7th July. It is going to be a very busy time with traders arriving from Thursday. This year we be using the newly enlarged Exhibition Centre, which is going to be far more comfortable for traders, especially if the forecast wet weather arrives this week.

This will be my last monthly report as I hand over to Anne-Marie. Enjoy your modelling. I am going to be kept very busy once the CCRMI shed is open as we have big plans for a new layout.....

Division 8/9

Anne-Marie Briggs (NMRA Inc.-AR Division 8/9 Superintendent)
Report for July, 2024 Meeting:-

Division Number:	8/9 (Northern NSW)
Month:	July, 2024
Meeting Date:	N/A
Reported by:	Anne-Marie Briggs & Wendy West
Reporting Period:	1/7/24 to 31/7/24
Number of Members:	- -
Attendance:	Members - - Guests - - Apologies - -
Awards Presented:	Nil
Clinics Held:	Nil
Upcoming Events:	Nil
Next Meeting:	Undecided, but possible the third week in August

Detailed Meeting Report:

I am Anne-Marie Briggs. Originally from Sydney, I moved to Coffs in January 2024 so my son could attend the Gumbayngirr Giingana Freedom School. I joined the club as my son is mad about trains. My Mum has a HO layout in Sydney and my son loves going to house to watch her Flying Scotsman. I look forward to writing reports and communicating with you!

CCRMI Swap Meet 2024

The Coffs Coast Railroad Modellers Inc (CCRMI) held their second Swap Meet on the weekend of 6th and 7th of July. Unfortunately, the rain arrived mid-week and many of the outdoor traders decided not to attend. Fortunately, we also had the Exhibition




Centre for the indoor traders. Saturday was a cold and damp day, but the keen shoppers braved the weather to look for some bargains. Sunday was a beautiful day but a very quiet one regarding trade. Will there be another Swap Meet next year? Stay tuned.



All monies raised over the weekend will go towards the renovation of the new shed. It is exciting to see the light at the end of the tunnel. Keen modellers like Ian West, Col South and Keith Taylor are looking forward to the day when they can build a shelf

track from scratch. This project (as well as having a large club house) will help attract new members to the club.

CCRMI Club House Update

The regular workers are making great progress on the Club House renovations and are looking forward to it being completed by Christmas so that they can have an official opening in January 2025. This will replace the club's annual exhibition for next year and will give them the opportunity to open to the public on a regular basis.....

Division 10


Pat Britten (NMRA Inc.-AR Division10 Superintendent)

Report for April, 2024 Meeting:-

Division Number:	10 (Tasmania)
Month:	April 2024
Meeting Date:	-- /04/24
Reported by:	Pat Britten
Reporting Period:	1/04/24 to 30/04/24
Number of Members:	12
Attendance:	Members - 7 Guests - 1 Via Zoom/Teams 0 Apologies - 1
Awards Presented:	Nil
Clinics Held:	3 Presentation Style
Upcoming Events:	Nil
Next Meeting:	To be held at Ray Louth's home on the 22nd June

Detailed Meeting Report:

Division is starting to come together with a few members starting their AP journey, nice to see.

Myself awarded the Official ,Electrical ,Civil, and Scenery AP certificates....


Division 10

Pat Britten (NMRA Inc.-AR Division10 Superintendent)

Report for May, 2024 Meeting:-

Division Number:	10 (Tasmania)
Month:	May 2024
Meeting Date:	-- /- /24
Reported by:	Pat Britten
Reporting Period:	1/05/24 to 31/05/24
Number of Members:	12
Next Meeting:	To be held at Ray Louth's home on the 22nd June

Detailed Meeting Report:

Nothing to report this month except winter is upon us. Time to dust off those forgotten modelling projects....

Division 3

Peter Kendall (NMRA Inc.-AR Division 3 Superintendent)

Report for July 21st, 2024 Meeting:-

Division Number:	3 (Victoria)
Month:	July / August 2024
Meeting Date:	21/07/24
Reported by:	Rod Hutchinson and Peter Kendall
Reporting Period:	21/07/24 to 31/08/24
Number of Members:	--
Attendance:	Members/Guests- 17 Via Zoom/Teams N/A Apologies - 8
Awards Presented:	Nil
Clinics Held:	Nil
Upcoming Events:	Kyneton Small Traders Exhibition Sept 21-22
Next Meeting:	Peter & Julie Kendall's home @ Essendon, Sunday 15th Sept.

Detailed Meeting Report:

The August meeting was held at the home of Jill and Graham Stockfeld, located in the rural town of Castlemaine. Castlemaine is a town rich in the early history of Victoria and the location of the famous Elphinstone Tunnel and not so far, Tarradale viaduct.; two famous Victorian Railways landmarks on the Regional Railway Line to Bendigo.


Note the passing of Laurie Green and his great contribution to the NMRA. Grant McAdam provided an insight into Laurie's involvement over many years. Laurie's memorial service will be conducted on Sat 7th Sept at 2pm at the Greenvale West Community Centre, 7 Venture Way Greenvale.

Changes to the meeting schedule for the remainder of the year were noted.

The Stockfeld's live on a rural property out of Castlemaine surrounded by native Box Trees and Wattles. A typical "North of the Divide" rural scene. Graham has a purpose built, enormous, shed, capable of holding a couple of small homes. He has set up his Diesel hauled HO exhibition layout based on NE United States. A giant oval track has an industrial scene for viewing with a quite lengthy run permitting long rakes of rolling stock to be hauled by multiple locomotive lash-ups. The hidden sections, behind the back scene, hold a multitudinous array of sidings with train consists already made up ready for running. Locomotives are powered by DCC with sound in most locomotives. The engine noises are quite realistic. Much of the stock is weathered reasonably lightly which enhances the realism of the scene. Some of the finer work was completed by attendee, Alistair Elliott, whose models feature in this report. Rod Hutchinson ran a Hornby OO Fowler and trailing van using Micron Radio Control (UK) transmitters and receiver. The locomotive runs on 11.1V 3S Battery pack contained in a permanently coupled trailing van. Battery is removed for charging.

Graham plans to build a larger layout based on the Minneapolis, Northfield and Southern Railway (MN&S) and accompanying SOO line. Should he fill the shed, Graham can have his own exhibition LOL.

Lunch was the usual self catered Barbeque or Rolls, as preferred. Jill Stockfeld, our hostess, presented us with an array of cold & warm side dishes to compliment our own burnt offerings. Many attendees bought additional sweets and thus there was plenty for the most discerning of palates.

Our Superintendent, Peter Kendall, provided an update on current NMRA jottings (see above) and the NMRA Thank You Plaque was presented to our hostess, Jill Stockfeld, which has become a Div 3 custom.....

Models on Display:

Alistair Elliot: HO US outline Missouri-Kansas-Texas (MKT) EMD F9AM, EMD GP40, Inspection Car (scratchbuilt), Piggy Back Flat, Hopper, Bachmann GE45ton switcher.



Graham Stockfeld: HO, NE US Layout.





Philip Hillebrand:
DCC-EX WiFi Throttle. (Under Development)

Mick Bennie: AK Foliage Material



Paul Ritchie: HO, Two Southern Pacific station buildings.





Rod Hutchinson: OO Hornby Fowler and trailing van with Micron Radio Control.



What's in the Next Edition

- *Arthur Hayes is well known for his excellent scratch-building skills. In his article titled 'Flat Rack Loads', Arthur expands on the many different types of container wagons and the loads they carry.*
- *Magnets have many uses in model railroading. Ken Edge-Williams has been using magnets for many applications on his layout which he outlines further in his article titled 'Magnets in Modelling'.*