

TMMEC NEWSLETTER

April 2024



Located at the Memorial Park, Tauranga
Open to the public Sundays 10:00 to 15:00 with
half-hour lunch break at about 12:30.
(weather permitting)

CONTACT:

The Secretary, PO Box 15589., Tauranga, 3112
Palmerville Station: Phone: 07 578 7293

WEBSITE: www.tmmec.org.nz

FACEBOOK:

<https://www.facebook.com/memorialparkrailway/>

COMMITTEE:

President: Bruce McKerras 022 045 5154

Vice: Regan Olivecrona

Secretary: Warren Karlsson

Treasurer: Sandra Olivecrona

Club Captain: Joanne Knights 020 4190 9567

Committee: Warren Belk Owen Bennett

Russell Prout Ash Thomas

Bruce Harvey

Boiler Committee: Bruce McKerras,
Owen Bennett, Ross Campbell

Safety Committee: Warren Karlsson ; Bruce
Harvey ; Bruce McKerras ; Russell Prout.

Editor: Chris Pattison 021 231 6612
Ytrose2@gmail.com

Club Calendar Joanne Knights

Website creator: Red Eye Designs

Editor: Joanne Knights

Computer: Owen

3D Printer: Russell

CONVENORS:

Workshop: Regan Olivecrona

Track: Bruce Harvey John Stent

Librarian: Chris Pattison

Rolling Stock: Bruce Harvey

MEANZ Rep.: Russell Prout

Up and Coming Events.

Nelson Society of Modellers NZR weekend – 11
& 12 May. Contact: Richard.Sath@gmail.com

EMEX in Auckland, 28 – 30 May 2024.

Steam N' Steel International Convention in
Hamilton. 9 – 15 January 2025 – www.hme.co.nz

Presidents Report – April 2024

Welcome to another month. The big news this month is that we have finally received a decision from the council – we have a lease and a very reasonable rent bill. After all the meetings and the agony that the city leaseholders of parks have gone through we have a bill the same as last year. Whilst that is good news, we still have not been officially told what we need to do with the club house. Planners wanted to lower our roofline, but until we get a firm decision out poor, rather sad looking building, is not able to get a tidy up.

I went ride-about again this past month with the classic Napier – Taupo bike ride, accompanied by some really, really, old bikes. It was quite nice to be in the company of bikes that make my 1954 Velocette to be considered

modern. On the return journey back to Tauranga the road was foggy, cold and damp, not the most pleasant.. I made it back to the club just after lunchtime (the bonus of this being that there were left overs ☺). I don't know why I was in such a hurry to get back, turned out that there were lots of helpers.

Graham H was doing a splendid job on the ticket window – Thank you! Bryan F was Duty Operator and Bruce H, station Master. We did 889 rides for the day.

Tuesday 19th March saw some new advertising being fitted to a ride car and looking great. Bruce H was in the workshop carrying out surgery on the pivot of a front bogie and Regan along with Owen were playing with Regan's boiler. We also had a fuel up of the locos.

Sunday 24th March, I was in Christchurch. Bruce B was Operator of the day – Thank you Bruce. It was a good weather day but numbers were a bit slow at 755 rides.

Tuesday 27th March – Evening – Jason was in with his Britannia engine and there was a lot of general chit chat.

Saturday 30th March – I went to Paeroa Steam Up. There were some nice steam launches, some interesting vintage machinery, vintage cars, and most importantly nice ice cream!

Sunday 31st March – Jason was Duty Operator, we also had a good few people reporting in sick ☹. All sorts of dramas today, Russell's engine was out with a broken drive belt, Black Magic was still in the workshop and Tamar decided to misbehave too. We ended up being down to three engines in service, but still managed 1000 rides for the day. We also had a point blade break which Jason managed to weld in the lunch break – phew. Well done Jason. A busy day!

Tuesday 2nd April – Lots going on this morning, John S and Warren B were delving into Tamar's smokebox. Jason was playing with the Britannia's boiler, which is now starting to get pressure. Regan brought in his Rob Roy chassis and we fixed Russell's engine and made sure that all the locos had fuel.

Club Night – Russell gave a talk on 3D/CAD drawing in preparation for our first CAD Tuesday training session. Jason's boiler was on show and looked really smart with its ball valve regulator (I might have to make one of those for my Phantom).

Saturday 6th April – Play Day today. We had a nice day, My Phantom got dusted off and its new spark arrester was trialled and worked really well. Ethan also trialled a new coal mix. Tamar was repaired, a success. A thorough testing by Warren and Joanne both with and without a load, and according to Joanne "she was running like a star". Jason was running his electric loco

on the raised track with the kids all having a go at driving. Ben also had Pioneer out and was very excited about running it round the raised track and also the ground level track with Llewelyn as his helper. Of course, as soon as word got round that we had given out a few free rides HEAPS of people turned up. All in all, it was a great day.

Sunday 7th April – Daylight Saving this morning, feels weird... Bruce H was Duty Operator and we were a bit short on volunteers, only 5 of us to open up on the morning. Lots of customers first thing, we ran Russell's loco with 6 ride cars. We did 846 rides for the day, things tapering off as the day progressed. It got easier to manage as more troops turned up later in the day. Thank you to all those who responded to Joanne's message-around.

Tuesday 9th April, Black Magic repaired and ready to go for Sunday running again. Tamar out and polished, grate dropped and cleaned, then parked back in the container. We also had a very positive smoko session with committee forms flying around and people being nominated. A very good start. There was also much discussion about the future of the club, layout, new engines, etc. We also had a visit from Millennium Computers who came by to try and get the PC sorted for our first CAD evening.

Tuesday also saw our April club night – Owen, unfortunately, was crook so Russell stepped up and ran the CAD session – thank you Russell. Chris seemed to be the main one receiving guidance, the two-screen system is a definite help here.

Committee Meeting – Thursday 11th April

This was our last committee meeting before our AGM on 5th May so there was a lot of discussion.

- We have an audit coming up in early May.
- Warren K will get an email out to all members regarding the AGM details and the Duty Operator Meeting.

There was another discussion regarding new locos for the club, so far, we are in favour of getting a loco built locally, the big debate – electric or hydraulic.

Future projects were discussed including the raised track and siding and also more track sidings to cater for complete consists. We also discussed the club house upgrade including the roof and fitting a veranda. Tunnel extensions were discussed to add more storage. We are going to send a letter to the council regarding the clubhouse to see where they are with any potential alterations they may be considering.

The new stock of concession cards has arrived and they are looking good. The new cards are the size of a credit

card to make it easier for people to store them in their wallet.

A motion was raised and passed for Russell to purchase some track steel to lay out a new points concept to link up the sidings in front of the tunnels and the main line.

We discussed the requirements of speedos for the locos. There is nothing official from MEANZ come through regarding this and Warren K is going to ask Rex Thoms what the position is.

We also talked through the need for a Working Bee, there is some painting needed on the level crossing, pedestrian crossing and viaduct signal stands as they are looking a bit sad. Painting team required... ☺. We are also going to fit some sheet steel to the sleepers bleeding gum, to prevent fires.

Finally, Ash T has indicated that he is not wishing to stand for committee again next year. A big thank you to Ash for his service on the committee.

We are still in need of one further nomination for the new committee.... All members, please search your souls....

Thanks, Bruce. (pew..... I need a Guinness.

AGM – COMING UP IN MAY

ALL COMMITTEE POSITIONS WILL BE AVAILABLE FOR THE UPCOMING YEAR

Warren K will organise nomination forms to be available in the club house, they will be on the smoko table.

Team – Please give the joining the committee some serious thought

New Blood on the committee is healthy 😊



Doing it the hard way!

Club Captain Report

Hi Team,

A couple of events coming up in the near future.

Firstly, **Cambridge Club are holding a Night Run on Saturday 27th April.** They have sent a request over to us asking if there are any members who are able to go over and give them some support. There will be a group of us heading over there with a couple of locos in tow. If you want to come over for the trip give Bruce M a holler. It is a great night and is very well supported by the local community and we always get a warm welcome.

Next event is the EMEX Display up in Auckland from 28 – 30 May. Click the link below for more details.

https://www.emex.co.nz/?gad_source=1&gclid=EAIaIQobChMIpN68_8K-hQMVOtUWBR1IEQILEAAYASAAEgKkEvD_BwE

Bruce M is heading up there in his van and has seats available, if you would like to join him drop him a message or give him a call.

A heads up also for the Matariki Night Run which will be coming up on Friday 28th June. A little way off yet but it is a really popular event and attracts heaps of people. If you are about to help please could you mark the date in your diary, it would be greatly appreciated – Thank you ☺

Club Website

Dave, who is the provider at Redeye Design and runs our website has produced a QR code that you can scan from your camera and link into the website directly.



I would like to update the picture galleries on the website as the ones that we have are really old. If anyone has pictures that they would be happy to share please could you email me at joanne_knights@outlook.com it would be really helpful. Thanks.

Also, a big thank you to everyone who has supported the club events over the past year. The support that you have given has been awesome and is very much appreciated.

Thanks, Jo

LIBRARY CORNER

Index to Model Engineering Workshop until issue 240:
<https://www.homews-mew-index.co.uk/index.html>

Another Model Engineering Workshop index, until current is here: -

<https://docs.google.com/spreadsheets/d/1TsprhDUivE1Y0ELw6bZTsp6qucOFq2ay/edit#gid=1100053147>

Finally, here is a searchable database for ME and also EIM: - <https://www.itech.net.au/modelengineer/>

If anybody wants the spreadsheet of our library collection, please contact me for a copy.

Recent library additions:

I collected eight boxes of ME magazines, courtesy the Manukau club. I managed to glean about five magazines to fill gaps in our collection. I was hoping for a few more, but beggars can't be choosers.

Finally, it appears that Engineering in Miniature magazine is closing its doors, and the May 2024 edition will be the last one.

Bookworm.

Editorial

Dear Ferroequinologists,

Still on the 3D printing subject, here is a YouTube address for Myford accessories that can be printed on a 3D machine:

<https://www.youtube.com/watch?v=cVBtd5w5GXA>

And here is a site where you can get 3D designs to print out for your Myford: There is quite a selection of useful items to choose from here, including lathe spiders and gear wheels for cutting threads:

<https://www.yeggi.com/q/myford/>

We have now got the CAD training off the ground, courtesy of Russell (Owen was crook). We went through the basic tutorial of SolidWorks, which Russell is familiar with. It has occurred to me that somebody needs to write a program where two mouses (mice?) can work on a single screen. One to work only as a pointer, the other to work the functions. In this way, a tutor can point stuff out to a student who can then work with the screen. That will save a tutor obscuring the screen with a hand pointing stuff out.

Unfortunately, for those who cannot afford the professional packages, we will have to fall back onto the free CAD packages. Personally I have opted for Fusion 360, but I still have to knuckle down and start their tutorial.

There are a few reviews of free CAD packages to be looked at on line. Bear in mind, that some of these can be biased towards specialised areas, such as architecture or graphics, which may not give you what

you specifically want. Good research is the watchword before you finally commit to a package. A couple of these are:

<https://www.3dsourced.com/3d-software/free-cad-software/> This reviews seven packages – FreeCAD, Tinker CAD, Fusion 360, Sketchup Free, Blender, & LibreCAD.

Then there is: <https://www.lifewire.com/top-free-cad-packages-485330> This reviews four packages: FreeCAD, AutoCAD for Student, LibreCAD, & Sketchup.

And there is: <https://all3dp.com/1/best-free-cad-software-2d-3d-cad-programs-design/> Reviews: Fusion 360, Sketchup Free, Onshape, Vectary, FreeCAD, SolidEdge, Blender, OpenSCAD, NanoCAD, LibreCAD.

So, there is a lot to choose from. Choose carefully, especially if there are hidden hooks, such as – limited free use or limited number of designs. Most, if not all store your designs in the Cloud.

Good luck!

. - Cotter Pin

WEBSITE

Our new website is live. Joanne will upload stuff to it regularly. Send any contributions, photos, etc to her for inclusion. (The newsletter is also uploaded to it – ED.) Email: joanne_knights@outlook.com

Website address is:- www.tmmec.org.nz - Joanne

Club Apparel individual purchase.

TMMEC Club Nitro Polos \$39.95 each, Logo is \$16.50 plus personal names \$4. Polos for Men are sized - Small to 5XL - Women sizes 8 to 24. Bucket hats \$10.50, Logo a further \$10. Prices are GST incl.

See club member John Stent for assistance.



ACE Embroidery & Patches

aceembroidery.co.nz

56b Fifteenth Avenue, Tauranga

Phone 027 5555 573

Open 8:00am to 3:30pm Monday to Thursday.

New Members

SMALLS – FOR SALE/ WANTED:

SUGGESTIONS AND IDEAS:

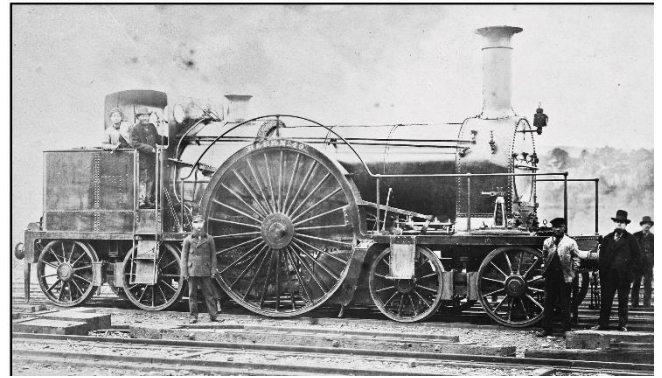
I was looking for some solid plastic material, but with no success. Even local plastic fabricators could not suggest anybody. Then I happened upon SUPPLY SERVICES who carry all sorts of plastics. More importantly, they have a scrap bin where you can find useful offcuts for odd projects.



Interesting Stuff

Here's an engine rarely seen since they were only ever designed, and intended to be disposable. It is the 4 cylinder radial engine from a WWII German G7A torpedo. This ran on Decaline fuel (decahydronaphthalene), which was first burned. The combustion byproducts were then passed through a device called a 'wet heater', which added water (from a 57 litre onboard storage tank), so producing superheated steam. The high pressure mixture of superheated steam and compressed air sent to the engine to drive the pistons.

Since the internal combustion/steam generator system was self-contained, fuelled by a chemical reaction in the absence of ambient air, it could run underwater. The 4 cylinder, 'X' type radial engine produced up to 350 horsepower at its maximum power setting, enough to push the 8.1 metre long torpedo along at nearly 50mph whilst submerged.



Bristol & Exeter No. 40



The 1929 Graham Paige Choo-Choo custom.

Here is a very interesting mechanism. It must have been a highly inventive mind just to come up with the concept. I could watch it all day!

<https://www.facebook.com/reel/406293212046594>

Tuesday Evening Meeting – April

On the show and tell, there was this Britannia boiler that was up for testing:"



www.csmee.org.nz
Hamilton Model Engineers
 - www.hme.co.nz
Hutt Valley Model Engineering Society -
www.hvmes.com
Kapiti Miniature Railway Association -
www.kapitirail.org
Havelock North Live Steamers -
www.keirungaparkrailway.org.nz
Manakau Live Steamers -
www.manakaulivesteamers.co.nz
Marlborough Associated Modellers Society -
www.mams.org.nz
Nelson Modellers - www.nelsonmodellers.org.nz
Otago Miniature Road and Rail Society -
www.omrr.org.nz
Otago Model Engineers Society - www.omes.org.nz
Palmerston North Model Engineering Club -
PNMEC@trains.net.nz
EBOP Society of Model Engineers, Whakatane
 - www.riveredgerailway.org.nz
South Canterbury Model Engineers Society -
www.south-canterbury-model-engineers.org
Whangarei Model Engineering Club -
www.wmec.org.nz
MEANZ: - www.meanz.org/ meanz.org/
 Also:
Mainline Steam Heritage Trust:
<https://www.mainlinesteam.co.nz/>

Duty Operator Roster

21st April 2024	Joanne Knights
28th April 2024	Bruce McKerras
5th May 2024	Russell Prout
12th May 2024	Stewart Walker
19th May 2024	Bruce Bocock
26th May 2024	Bryan Fitzpatrick
2nd June 2024	Jason Flannery
9th June 2024	Bruce Harvey
16th June 2024	Warren Karlsson
23rd June 2024	Joanne Knights
28th June 2024 - Matariki	Bruce McKerras
30th June 2024	Russell Prout

We are still looking for more Ticket Sellers. Meet the public and their family. If only every second month, or jump in as casual relief.
 Please contact warren.karlsson@xtra.co.nz .

SPONSORS:

Our thanks to those companies who sponsor us –

LINKS TO OTHER CLUBS:

MEANZ has a listing of affiliated clubs on its website. It is in the form of a map showing the various locations of each club. If you click on a location, it will give you details of that club. See:
<http://www.pnmeec.org.nz/meanzmap.htm>

Auckland Society of Model Engineers -
www.asme.org.nz

Cambridge Model Engineering Society Inc.
www.cmes.org.nz/

Christchurch Live Steamers - www.clstrains.co.nz
Canterbury Society of Model Engineers -



The offending superheater.



Future loco engineer



Some nice boat details.



WW2 German rail sleeper ripping.

TMMEC CLUB CALENDAR 2024 V1.1

	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	F	S	S	M	T									
JAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
FEB			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29						
MAR				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
APRIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30							
MAY			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
JUNE					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
JULY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
AUG				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
SEP						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
OCT		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
NOV					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
DEC							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

	Sunday Running 10am - 3pm		Club Play Day		Christmas Party		Hamilton Open Weekend 16-17 March
	General Meeting 7pm		Matariki Night Run 28th June		CLOSED/CANCELLED		Manukau Open Weekend 1-3 June
	Engineering Tuesday 7:30pm		Halloween Night Run 2 November		EBOP (Whakatane) TBC		Keirunga Park Open Weekend 25-28 October
	Open Weekend		Mana Ariki 28 - 30 June		AGM		Mana Ariki 28 - 30 June
	Committee Meeting 7pm						