

# The Generator

Issue 511  
May 2024



**Palmerston Model Engineering Club**  
[www.pnmecc.net.nz](http://www.pnmecc.net.nz) - [pnmecc@trains.net.nz](mailto:pnmecc@trains.net.nz)

Managers of the Marriner Reserve Railway - Marriner Street - Palmerston North  
C/- 119 Ruapehu Drive - Palmerston North 4410

## **The Palmerston North Model Engineering Club** **Upcoming Club Events**

Club Nights typically start at 7.30pm and are usually held at the  
The Hall, 435 Church Street, Palmerston North.

### **Thursday 23 May**

Mosquito's And Merlin's

Local Modeller Richard Seehan has produced a 1/9 scale model of the  
De Havilland Mosquito aeroplane and will speak to the journey  
undertaken to achieve this

### **Thursday 27 June**

Surveying Using LIDAR

## **Marriner Reserve Railway**

### **Sunday 2 June & Sunday 16 June**

Railway operations at the Marriner Reserve  
Trains in operation from 1pm to 3pm  
Weather permitting (Richard Lockett 06 323 0948)

### **Thursdays**

Railway operations for club members  
Subject to ongoing track maintenance and weather  
Contact track manager (Richard Lockett 06 323 0948)

## 2024 Annual General Meeting

The club AGM was held on the 25th April at the Hearing Hall, Palmerston North. There were 19 members present. Apologies were given and the minutes of the 2023 AGM were read and approved.

President David Bell presented his report for the outgoing year.

Due to illness Treasurer Lawrence Brooshooft was unable to present the Financial Report for the year ending 28th February 2024. This will result in a SGM to approve the 23/24 accounts at the May club night.

Membership Subscriptions will be \$40.00 for the 2024-2025 year.

Reports were presented from the Boiler committee and the Marriner Reserve Railway Track Manager.

Club Officers were elected as follows;

**President: Jonathan Mason.**

**Vice President: Cynthia Cooper.**

**Treasurer: Lawrence Brooshooft.**

**Secretary: Fin Mason.**

**Committee Members: Chris Morton, Bill Krippner, Richard Lockett and David Bell.**

Other Club positions:

**Newsletter Editor: Richard Lockett**

**Librarian: Merv George.**

**Track Manager: Richard Lockett.**

### **General Business**

The updated Marriner Reserve Railway Health and Safety Document was presented and approved. The need to better accommodate those club members who through circumstances are unable to regularly attend our monthly Thursday club nights missing out on the social interaction of the club was brought up and a short discussion ensued. It was agreed that the incoming committee would look into a possible remedy.

## Club Notices

### **Subscriptions are now due.**

Membership subscriptions of \$40.00 as set at the Annual General Meeting are now due.

Please pay Club Treasurer Lawrence Brooshooft at a club night or preferable pay direct into the clubs bank account via internet banking. **Account number 06-0996-0831663-00**

**Please remember to use your name as the reference.**

### **Winter Shed Meet**

As per the discussion at the AGM around the need to better accommodate those of us who wish to get together and share the hobby but not necessarily on cold winter nights, Graeme and Janice Hall have agreed to kick this off by hosting the first winter shed meet. Thanks Graeme and Janice Bring along something to show and to get the banter started!

**Thursday 13th June at 1.30pm, 59 Kings Avenue, Whanganui.**

Give Graeme and Janice a call just to let them know how many of us may turn up.

Ph 06 3442495 or email gandjhall@xtra.co.nz

### **Technicast Weekend**

Just a reminder that the Technicast casting weekend will be held on Matariki weekend 28th to the 30th of June. You will need to be well on the way with any pattern making required!

### **May Club Night**

The Mosquito is large with a wingspan of 1.8 metres and there's a good story to go with it!

Thursday 23rd May at 7.30pm. Be There!

## Presidents Introduction

Hi all and welcome to this May newsletter and the first contribution in my new role. I honestly thought I could hide in the committee for a little longer but alas no.

A number of you will know I have a wide interest in all things mechanical and a varied collection of items at our James Line residence, including a short length of 7 1/4 gauge track to run Doug Chambers built Wren class engine, which I am current custodian of. I had envisaged having more time for model engineering now that I have finished with full time work however this has not materialised just yet. Keeping a small block of land in shape takes a bit of time and also helping my sons develop their bee keeping business helps fill in the days.

Growing up in rural Manawatu is probably where I got my interest in old machinery then I followed an engineering career in the national power reticulation industry. Some of you will recall my presentation of the NZ power industry last year, I advise to keep your wood box fill this winter! I do look forward to helping keep our small club ticking along and we will face a number of challenges over the next few years. Bureaucracy surrounding the changes being made for incorporated societies is one area that will take our time out of scale with what we want to achieve in our club. Membership is another area of concern as our various hobbies are being overshadowed by new technologies and a changing society, can we encompass these differences going forward? Thank you to the present committee for staying on, together we will endeavour to keep club meetings fresh and varied also coupled with a mix of outings and shed visits that have been well supported in the past.

Finally, I encourage you all to attend club meetings when you can, and keep up the good work in your workshops in the pursuit of our wonderful hobby.

Cheers

Jon Mason

## Club Night Report

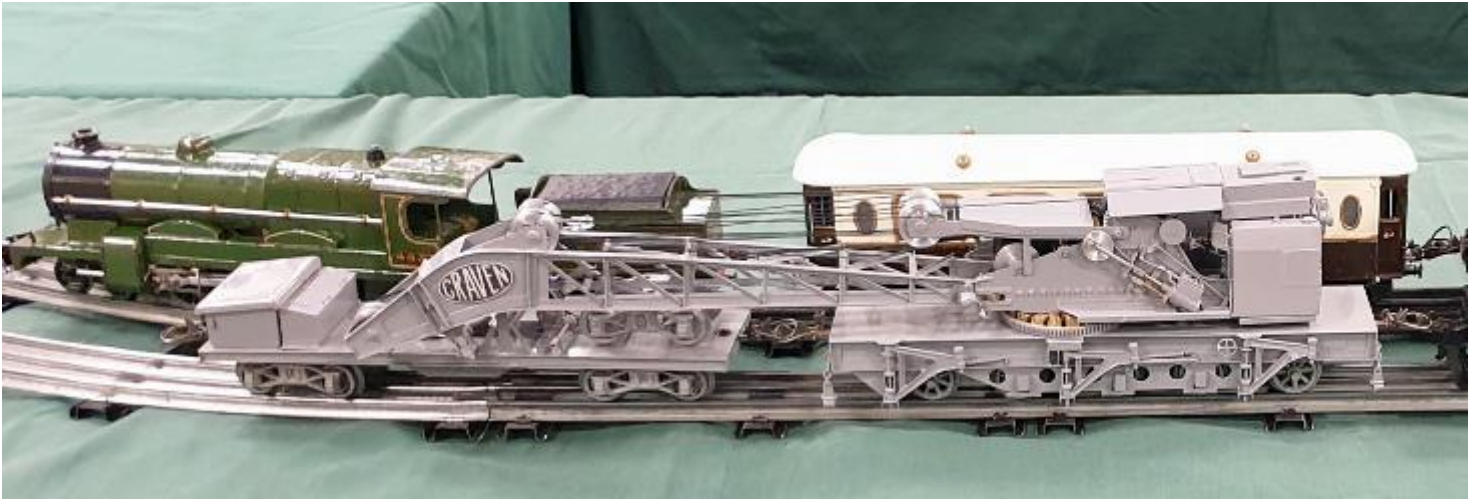
Within the our club we have two enthusiastic Hornby 0 gauge collectors who between them have quite a bit of Frank Hornby's production. These collections tend to get hidden away in boxes within cupboards etc, so it was thought that some of it needed to see some daylight or more to the point the glow from a bulb at a club night. Thanks to Bruce and Chris a couple of 0 gauge layouts were set up on a lot of tables at our AGM location, hence the shift of AGM location!

Other club members have a few items of Franks production also and these were brought along to ride the rails on this occasion



0 gauge rail being set up at the close of AGM business, Hence the need for many tables!

Photo editor



The Craven Steam breakdown Crane, scratch built by Bruce.

Photo B Geange



A 501 Clockwork LNER Locomotive produced between 1948 and 1954 now in the care of Jon Mason  
Photo Editor



Four wheel rolling stock dating from the 1950's

Photo Editor



A little tank loco, dating from the 1940's, a model 101 in LMS livery now in the care of the Mudgway family.  
Photo Editor



Another model 101 tank loco ex clockwork rebuilt from a well abused non running example by the fitting of an electric motor and a repaint of the livery to a NZR Tank loco by Bruce. Photo Editor  
Below. The Taupo Totara timber Company's Alco Mallet modelled in 0 gauge also by Bruce.  
Photo B Geange



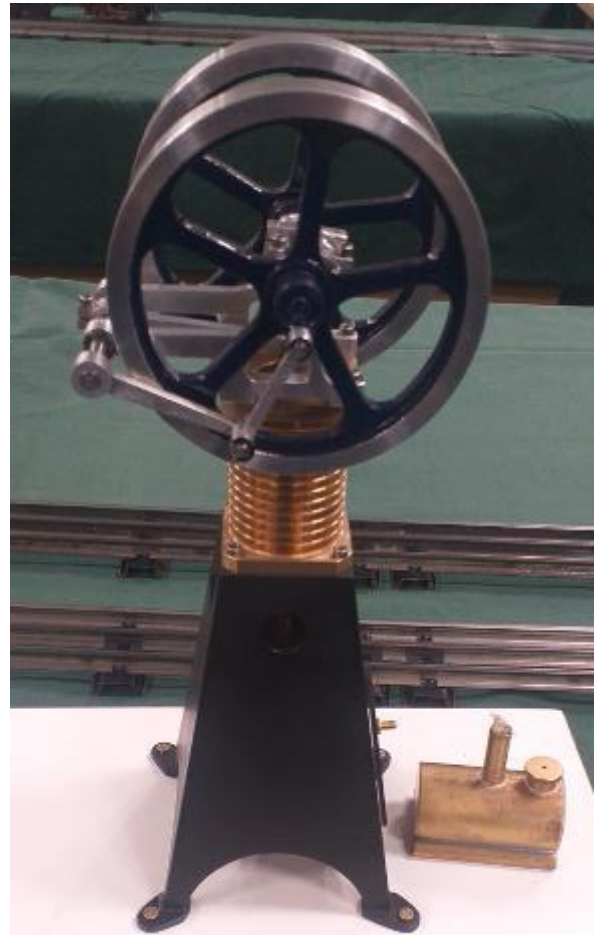
**The Generator**

Graeme Hall had been busy again and brought along his recent production, in Graeme's word's.

### Duplex Vacuum Hot Air Engine

Built from a plan in Model Engineer 1978, scaled down from a full-sized engine, originally built from castings. Made from stock materials with brass cylinder, stainless displacer and cast iron piston. Flywheels, linkage and base from aluminium.

The displacer is heated by a small spirit lamp.  
The engine runs very well, with very little heat input.



All fabricated from brass and stainless steel. Constructed from flat and bar stock, silver-soldered together. An "O" ring seals the piston.

This engine was designed to power a 6ft steam boat.  
Something very different for me!

Photo's Editor

Date and Time				Activity
Thursday	23rd	May	7.30pm	Club Night Mosquito's and Merlin's
Sunday	2nd	June	1pm to 3pm	Marriner Reserve Railway
Thursday	6th	June	7.30pm	Committee Meeting
Sunday	16th	June	1pm to 3pm	Marriner Reserve Railway
Thursday	27th	June	7.30pm	Club Night Surveying using LIDAR
Sunday	4th	July	7.30pm	Committee Meeting
Sunday	7th	July	1pm to 3pm	Marriner Reserve Railway
Sunday	21st	July	1pm to 3pm	Marriner Reserve Railway
Thursday	25th	July	7.30 pm	Club Night Project Progress

If you would like to be notified when this newsletter is published, send us an email with your **Name, Club** and **Email** address to [pnmec@trains.net.nz](mailto:pnmec@trains.net.nz) with "**Generator Please**" in the subject line.