

The Generator

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Palmerston Model Engineering Club
www.pnmec.org.nz - pnmec@trains.net.nz

Managers of the Marriner Reserve Railway - Marriner Street - Palmerston North
PO Box 4132 - Manawatu Mail Centre - Palmerston North 4442

The Palmerston North Model Engineering Club

Upcoming Club Nights

Club Nights held at the Hearing Association Hall 435 Church Street,
Palmerston North 7.30 pm

22 October

Winter Project Progress

Bring along all or part of your current project and give a short review of
its progress over the last few months.

28 November (Saturday)

The last general club meet for the year centred in Feilding with visits to
Feilding Steam Rail and the Coach House with a lunch stop in between .
See Details Page 3

Marriner Reserve Railway

1 November & 15 November

Railway operations at the Mariner Reserve
Trains in operation from 1pm to 4pm
Weather permitting (Kerry Puklowski 06 353 6189)

Thursdays

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

Presidents Report

With the lifting of crowd restrictions, running at the Marriner Reserve Railway will now return to normal. The first public running day will be on October 18th and a regular running programme will then resume. I want to thank the members and volunteers who have helped maintain the railway and the grounds during this period of inactivity.

Because we cannot plan ahead with any certainty the committee has decided to modernise and rename our annual track event. Next year it will be transformed from a public running day into a Private Club Day at Marriner Reserve. It will be held on Saturday 13 February 2021 with train running starting at 10am.

The format for the day will be:

- The railway will be operating but not open to the public.
- Bring your own picnic lunch
- Display space will be set up for members to display their static models
- The Presidents Barbecue will be held at the track in the late afternoon.
- Wives and family members are invited.
- Members of other clubs who have traditionally supported Locomotion are invited to attend.

The objective is to get members along to a picnic afternoon at the park to socialise and enjoy each other's company. If you have not been to a club event for some time this will be an ideal opportunity to meet old and new friends in a relaxing environment.

Previously we have asked members for feedback about club activities. Many of the comments we received concern name badges. Our long serving members still wear their original membership badges and these certainly assist conversations at the end of the meeting. However, over the years the issue of name badges to members has fallen off, and we now have a situation where those wearing name badges are a minority. This situation has escalated to the point where all members do not necessarily know who many of the infrequent meeting attendees are (when they turn up). At our last meeting we had 23 members present and 3 of these were infrequent attendees that were not known to all. The committee has agreed that this situation is not ideal, and that name badges for all would be advantageous. Consequently, name badges will be trialled starting at the October Club Meeting. Badges will be issued at entry to the hall and returned to the collection box at the conclusion of the meeting. Members co-operation in this matter would be appreciated.

For general interest. Peace has only reigned in Scandinavia for the last 80 years. Before that wars and minor border skirmishes were a constant threat. Because of the rugged topography, and the inhospitable winters, railways were the only viable means of moving the wounded back from the battle front. The attached photograph shows a vintage hospital carriage used by the Norwegian Railways (circa 1900).

Keep Healthy and keep building
David Bell



Club Notices

November Club Meet

Meet at the Feilding Steam Rail Depot at 11 am to view the progress on the significant rebuild of NZR Locomotive Wab 794, to which club members Liam Puklowski and Stuart Anderson have an ongoing involvement with. We will then proceed at noon to the Rosebowl Cafe and Bakery or another venue of your choosing for lunch followed by an afternoon visit to the Coach House and followed by afternoon tea supplied. If you are desirous of having lunch at the Rosebowl as recommended by our organiser please contact Chris Morton 06 3238001 so that table space can be reserved.

Subscriptions are due

Adult/Family Membership \$30.00. Please pay Kerry Puklowski at the next club night or pay via **Internet Banking 06-0996-0831663-00** using your name as the reference. Please pay your subscription by November.

Locomotives for sale

Two locomotives in 5" gauge built by the late Peter Hatton are offered for sale. These locomotives saw regular service at the Marriner Reserve Railway from the mid nineteen eighties to the late nineteen nineties. They were exceptional performers and are built to a high standard.

4-6-2 Flying Scotsman 3 cylinder built to the Doncaster design drawing.
Copper Boiler ZPN 17



4-6-2 Duchess of Hamilton 4 Cylinder, Copper Boiler ZPN 34

These locomotives have been in storage for twenty years and will require some attention.

Inquires to
Paul Hatton
027 353 6291



The Generator

Club Night 24th September

Graham Toms gave a presentation of images and short movie clips taken on a 2019 trip to the Oshkosh Air show held in the United States of America. Along with son Darren, Graham also visited a museum in Dayton Ohio dedicated to aviation, mainly military, featuring aircraft from around the world and their armaments along with ballistic missiles. Darren shouted his father a flight in a restored B17 WW2 bomber with the event captured on film by Graham. Of special interest to the club members present was of the top secret military airplane on show code named UK 11 1/2, being developed with increased funding by the Trump administration under their "Make America Great Again" initiative. Although under heavy military guard and with strictly no photo's to be taken, Graham took this to be a personal challenge to take photo's and movie film of said aircraft. So clever was Graham that he didn't realise how much footage of the machine he had taken until his presentation to the club. Discussion ensued as to whether this machine could actually be able to fly at all let alone get off the ground suggesting that it would have the flight handling characteristics of a Skellerup Red Band gumboot, which the residents of Taihape can testify too. Chris Morton pointed out that any object can achieve sustained flight, it's just a matter of the height which it is dropped from! Discussion then centred on the possibility of this machine being the latest product from the legendary Skunk Works of the Lockheed Martin company, but after much banter consensus was reached that it was more likely to be from the equally famous subsidiary company Doc Martin!

Thank you Graham.

The evening finished with an update on Graeme Hall's Kinner aero engine project and the drama of its first run and using a battery drill to start the engine.



Darren Toms posing beside a B29 Super Fortress from WW2 on display at Oshkosh.



A sectioned 1950's Sabre Jet Fighter on display in Dayton Ohio.

Image collation Bruce Geange.

Te Manawa Club Day

On Sunday 4 October the club took part in a new event at Te Manawa Museum. Richard Lockett and Lawrence Brooshooft put our display together. They were supported by David Bell running his 3D printer and myself as general factotum.

A select group of clubs were in attendance demonstrating their interests and skills.

The ones I am personally connected with being ourselves, the Manawatu Model Railway Club, and the New Zealand Hornby Railway Collectors. Also in attendance with displays were the local Meccano members, the Manawatu Woodworkers Guild, Cactus and Succulent Society, Valkyrie Games and a group of gun enthusiasts. Outside in the courtyard various clubs gave demonstrations of dancing and martial arts.

Our presentation consisted of three display boards with a variety of photos covering different models made by members. On our table were various items demonstrating our diverse modelling skills. These included two of our entries into the National Convention's Les Moore Challenge.

Te Hau Tere-The Rushing Wind. This runs on compressed air and was our 2012 entry in Whangarei. We were the winners that year with our model travelling a significant distance further than entries from all other clubs. PnMection is an O-gauge model and was our 2010 entry in Nelson.

Also on our table were a Merlin's Crank, 2½" Tich, and a single cylinder Beam engine. Catching the attention of the public was a 3D printer running throughout the day and producing parts required as the basis of a small sander. A lot of people were keen to see and talk about the versatility of the 3D printer. David did sterling work on this front engaging with people and encouraging them to think about joining our club.

We all talked to a diverse cross section of the public and generally raised the clubs profile. I personally was able to introduce people to the location of our club track and how much fun it is riding on the trains.

This is a new event and following on from its success Te Manawa plans to run an expanded version sometime toward the middle of next year. Special thanks to Richard Stevens for the printing of images used on the display boards.

Report by
Cynthia Cooper



Members Project Report

The best part about being the clubs roving reporter is sometimes you get to write a report about a project that really puts a smile on your face. This is one of those happenings.

To be a successful Model Engineer, you must have skill, and a whole lot of imagination. When combined, remarkable things can be created from almost nothing. This report is about a simple but fascinating project now bestowing a Levin lawn.

Verdon Heath and his amazing sheep

Some time ago the PNMEC went on a visit to E-Tech's workshop in Palmertson North. After a tour of their stainless steel fabrication facilities the company demonstrated the capabilities of their CNC laser cutter. Set up for cutting stainless steel this machine was impressive to watch in operation.

As part of the demonstration, the company presented our members with a laser cut stainless steel sheep that was a test piece pre programmed into the systems memory. Assembly was required and as expected the pre cut stainless steel pieces fitted together perfectly.

Verdon who has considerable artistic talent, took this concept, scaled it up, and then created an almost life sized wooden replica. The sheep and accompanying lamb now decorates his front lawn, moved around by children who visit to replicate the wanderings of the real thing. The two photographs attached show the stainless steel sheep compared in size to a matchbox, and the wooden replicas of the sheep and lamb that Verdon created.

Verdon, you have imagination and artistic talent to burn. Well Done !!!

Report David Bell / Verdon Heath



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