

# The Generator

Issue 494  
October 2022



**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 Hearing Association Hall, 435 Church Street, Palmerston North.

#### Thursday 27 October

##### **Factory Visit**

**Paul Burr** from Manawatu Hydraulics' has a new CNC machining centre which we will check out and also get a run down on the current engineering projects that Paul and his staff are undertaking.

#### Saturday 12 November

##### **End of Year Gathering**

Two places of interest in Feilding have been selected for our end of year gathering. See page 2 for the itinerary.

### Marriner Reserve Railway

#### Sunday 6 November & 20 November

Railway operations at the Marriner Reserve  
Trains in operation from 1pm to 4pm  
Weather permitting (Richard Lockett 06 3230948)

#### Thursdays

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

## Club Notices

### October 27th Club Night

Visit to Manawatu Hydraulics, 827 Tremaine Avenue, Palmerston North located about halfway between Milson Line and Malden Streets

**Meet at our usual time of 7.30pm in their car park off Tremaine Avenue.**

Paul Burr the proprietor of Manawatu Hydraulics' has a long standing interest in vintage machinery especially older Military Vehicle's and currently is engaged in a project that will be of interest to you all which involves a fair amount of reverse engineering!

### End of Year Gathering Saturday 12 November

**We will meet at the Feilding Railway Station car park, Aorangi Street, opposite Hell's Pizza at 10am. We will then proceed in convoy to our first venue.**

**Don't be late!**

#### **Aotearoa Wooden Wheels**

Our first visit is to Vern Jensen's workshop. Vern manufactures and repairs wooden wheels for vintage cars, and other historic vehicles. Vern is one of a handful of people still making replacement wooden wheels for vintage cars. His skills are in hot demand, with Vern selling his wheels all over the world. For those of you whose activities are totally metals based this will be quite an enlightening visit.

Visit Starts 10:30 and we expect to finished by 12:00.

After our first visit members can retire to Feilding to make their way to a cafe of their choice. The Rosebowl Bakery and Café, 56 Kimbolton Road, is the clubs traditional eatery, but members are free to use their discretion and eat wherever they can find a vacant table.

**Meet again at the Railway Station at 1.15pm where we will proceed in convoy to our second venue.**

#### **Rush Classic Car Collection.**

The Rush family owns a very impressive collection of classic cars, including several classic and vintage racing cars. This collection is well worth a visit

Visit Starts 1:30 and we expect to finished by 3:30.

**Note: There is a \$15.00 per head admission charge.**

Cuppa and biscuits provided at conclusion of tour.



Photo  
Web

## **The Club Library**

A fact that some of you will not know is that Merv George is the Cub Librarian, and is the caretaker of a significant quantity of model engineering related books that the club owns. These books are there for the benefit of the membership and we encourage members to use this resource.

To make members aware of the broad spectrum of books in the library we have included a schedule of the books held. In addition, there are also hundreds of model engineering magazines available for members to use.

Merv has done a wonderful job sorting and cataloguing the library books and I would like to thank him for the effort he has made. Merv started with a pile of boxes containing non identified books, and transformed this into a workable reference library where individual books can be located by index number. This is major step forward.

If you want to access some of this information, please email Merv and he will arrange to get the book to you.

**Merv can be contacted by email at**  
[h.c@farmside.co.nz](mailto:h.c@farmside.co.nz)

## **Seeking Old Copies of The Generator**

We are undertaking a review of old Generators. The first club newsletter was published in April 1977. In October 2002 we started uploading The Generator to the web. We are looking for missing copies between these two dates and are asking members for help.

Can you please peruse through your archives and see if you have kept any of the following issues. If so, please pass them along to me. I am more than happy to copy them and return the originals to you, if that is what you wish.

**1980**: August, October, November, December.

**1981, 1982, 1983**: All copies for all these years.

**1984**: January through March. Plus, May through December.

**1985**: January, February, April through December.

**1986, 1987, 1988, 1989, 1990, 1991**: All copies for all these years.

**1992**: March, April, December.

**1994**: October.

**1998**: October.

Thank you everyone for your help.

Cynthia Cooper

Cynthia@trains.net.nz

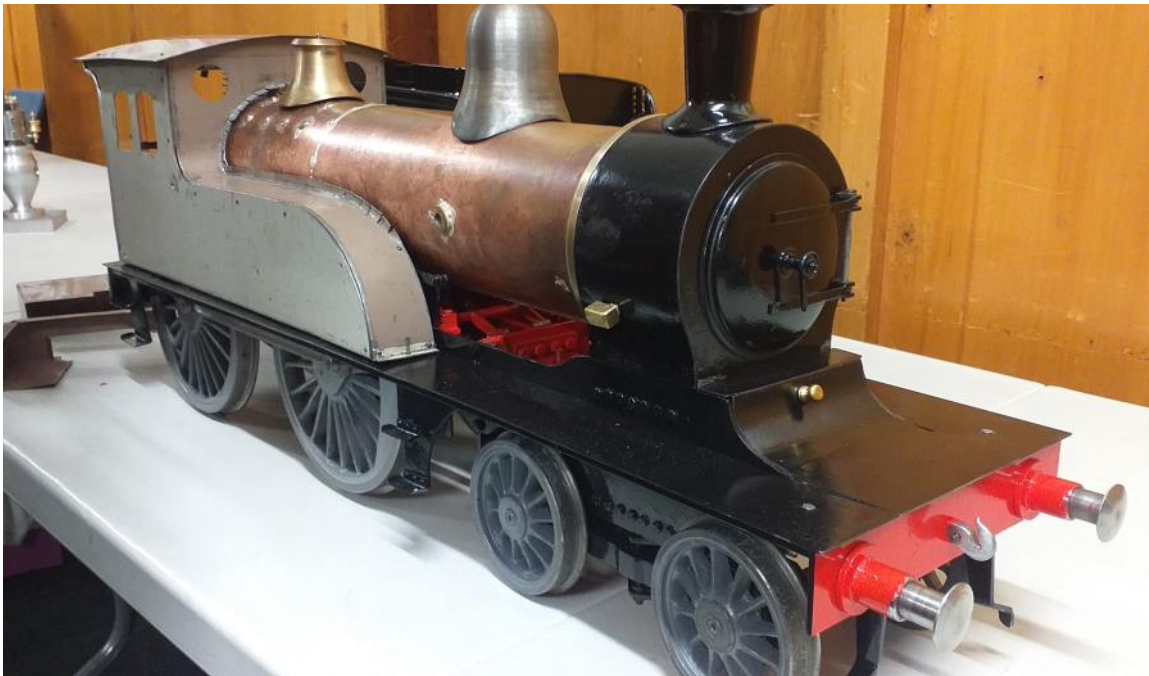
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## September Club Night Report

Dave Spark gave a presentation on his recent trip back to his home town of Newcastle in the north of England, This region of the United Kingdom known for shipbuilding played an important part in the industrial revolution, think George and son Robert Stephenson railway engineers and Charles Parsons of early steam turbine design and his turbine powered ship "Turbinia". These local engineers from the past inspired Dave from an early age and it would appear still do!

Dave spent his time "back home" visiting preserved railways and museums to which club members were shown photo's of some full size locomotive construction being undertaken.

Progress on Dave's 5 inch gauge steam locomotive 4-4-0 North Eastern Railway M class 1621 was viewed in the flesh along with the latest engine from Graeme Hall's workshop and a set of spur gears which Bill Krippner was having problems getting to mesh.



Dave Sparks 5 inch gauge M class North Eastern Railway 4-4-0 Locomotive 1621 of 1890's

Photo  
Richard Lockett

Bill Krippner is finishing off a Traction Engine project which started by A. N. Other and possibly someone before that and had purchased the photo'd pinion but found that it wasn't going to mesh with the larger spur gear and where in Palmerston North he might be able to get a gear recut if that was what needed to happen! Further investigation has revealed an error in the centre distance of the bearing caused by a fold degrading the print of the drawing of the horn plates!



Photo Richard Lockett

This interesting looking internal combustion engine is the latest from Graeme Hall's workshop. Built to drawing from an American model engineering magazine article titled "A Victorian Engine" and was scaled to suit the materials that Graeme had on hand hidden under the bench . Not quite up to the ready to run stage but close.



This engine has been designed to look like a Victorian Ornament and looking at the flywheel and its bearing pedestal it certainly captures that period in history and would look good on any one's mantelpiece.



Photo's Richard Lockett

## Another Blast from the Past



It has been brought to the editors attention that someone from outside of the district reads our club newsletter. The article in the September Generator on the New Plymouth Harbour Broad steam dredge's bought a smile to his face as he knew where the whistle from the dredge "Ngamotu" is currently located, not going down sunk or cut up as scrap with the rest of the vessel.

I presume that the whistle is currently used to wake a gentleman up from being asleep in front of the fireplace when his dinner is ready of a evening! Someone spends a bit of time polishing it or was that done just for the photo.

Photo K Gavin

Date and Time			Activity
Thursday	27th October	7.30pm	Factory Visit
Thursday	3rd November	7.30 pm	Committee Meeting
Sunday	6th November	1pm to 4pm	Marriner Reserve Railway
Saturday	12th November	10am	End of Year Gathering
Sunday	20th November	1pm to 4pm	Marriner Reserve Railway
Thursday	1st December	7.30pm	Committee Meeting
Sunday	4th December	1pm to 4pm	Marriner Reserve Railway
Sunday	18th December	1pm to 4pm	Marriner Reserve Railway

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.