

The Generator

Issue 498
March 2023



Palmerston Model Engineering Club
www.pnmech.net.nz - pnmech@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 23 March

Club night

Fire prevention in your workshop!

Thursday 27 April

Club Night

Annual General Meeting

Marriner Reserve Railway

Sunday 2 April & Sunday 16 April

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)

Club Notices

Annual General Meeting

The annual General meeting of the Palmerston North Model Engineering Club Inc will be held on Thursday the 27th of April 2023 at 7.30pm at the Hearing Association Hall, 435 Church Street, Palmerston North.

The AGM will be followed by a Model Engineering specific quiz to test your knowledge or to expand upon your knowledge of our hobby. Topics may include designs, personalities, workshop processes and equipment.

Marriner Reserve Railway

One of the challenges of looking after a portion of public reserve land, in our case the Marriner Reserve is that on the odd occasion persons unknown dump unwanted items or rubbish around the Reserve. This activity is generally a great nuisance but now and then something useful turns up like a newish set of jumper leads which have been put to good use already. Chris Morton has recovered a motor mower dumped on the reserve and has fixed its engine fault and is now serviceable and will become the clubs new hand mower when the current mower dies or is stolen!

Club Night Report

A good turnout of members projects were presented for discussion at our February club night . Chris Morton brought along the remains of a Flat Screen Television that had been dumped at the Marriner Reserve as he was curious to see what made them work with the consensus of opinion being not a lot and that the power supply was missing!

Robert Edwards showed off a plastic mounting fixture he was machining on his machining centre for a Palmerston North based manufacturer and due to the commercial nature of this work no photo's were to be taken!

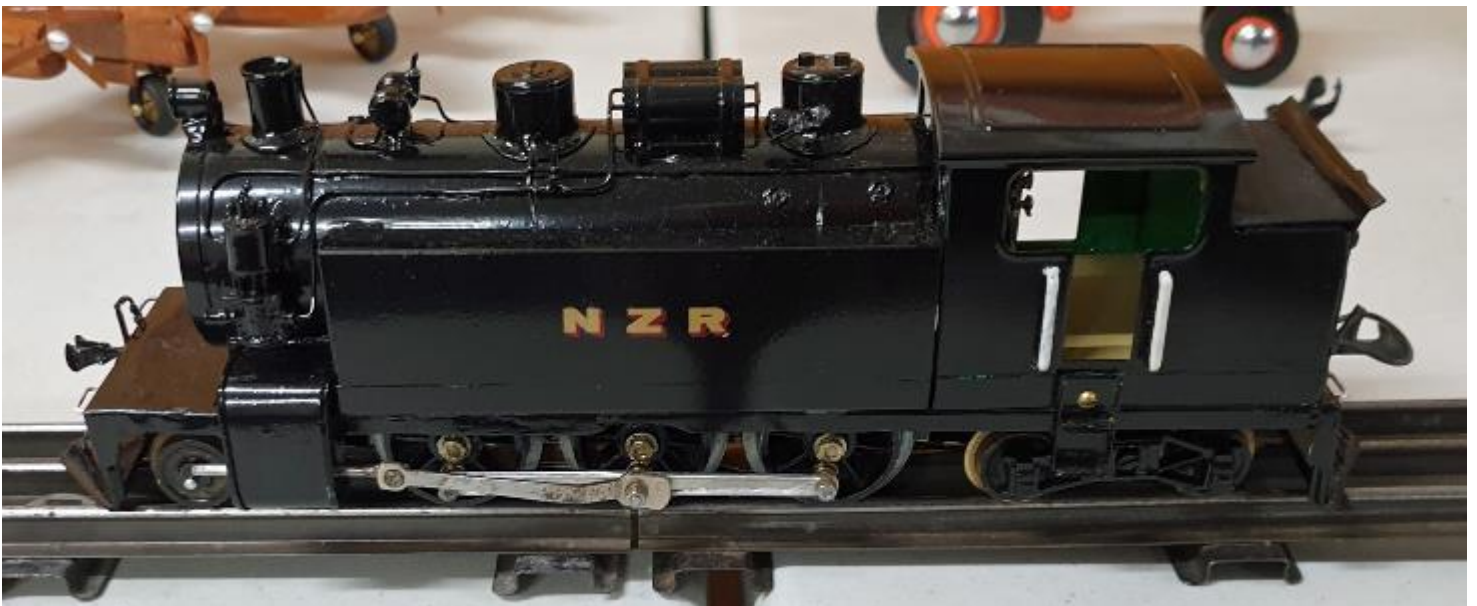


Photo B Geange

Bruce Geange acquired a modified Hornby 0 gauge locomotive and decided to modify it further to represent a NZR Wf class Tank Locomotive using some spare Ace brand 0 gauge accessories namely a cab and side tanks which were further modified to make it fit with the Wf in mind!



Photo B Geange

Bruce informed us that one day, to the disbelief of the assembled membership that he was “at a loose end” so he knocked up this model of a World War 2 Lancaster Bomber aircraft from some repurposed Mahogany timber that he had stored in his loose end cupboard. The wings and fuselage are laminated from thin strips of the Mahogany due to the limitations in size capacity of Bruce’s woodworking saw bench.

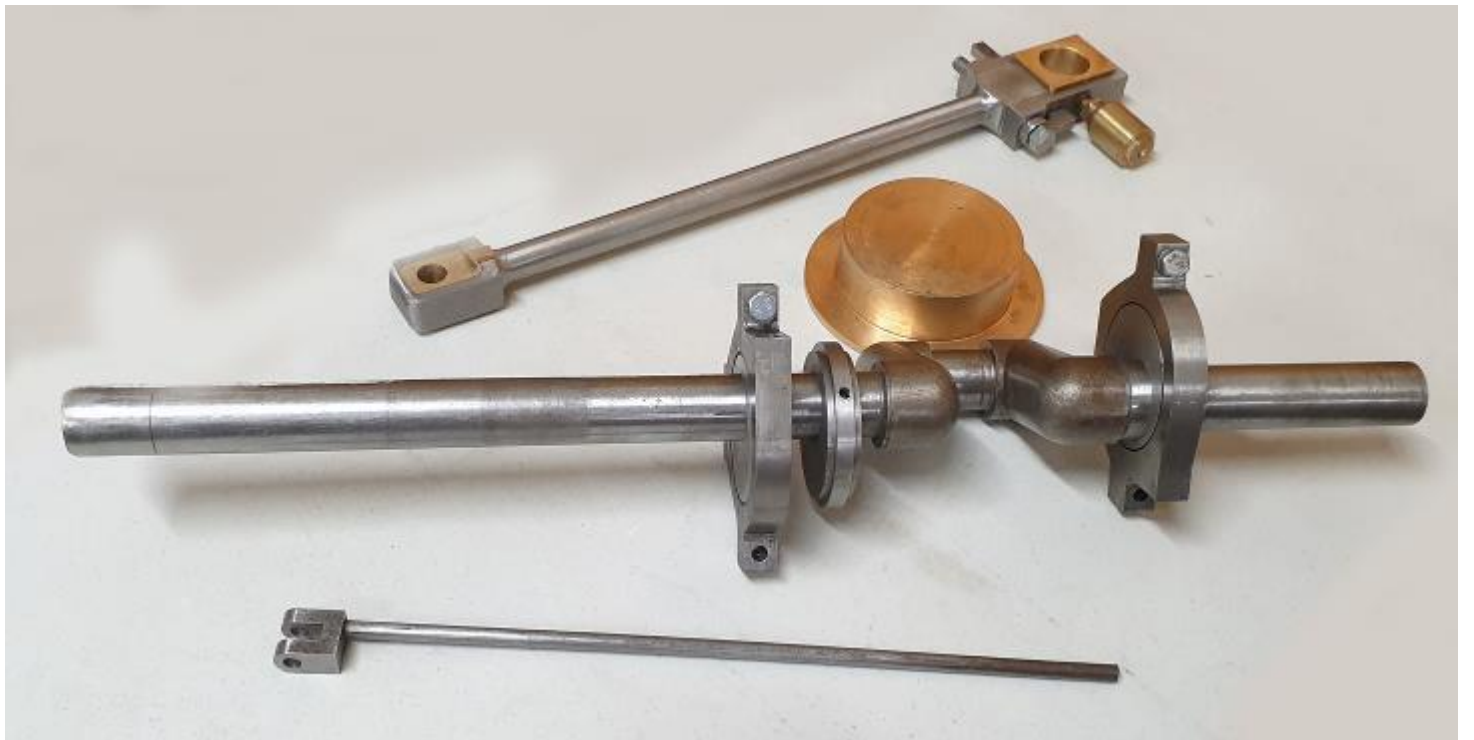


Photo B Geange

Bill Krippner showed off progress with his Foster Traction Engine project namely the connecting rod and its brasses, big and little ends. Bill inquired as to how the length of the rod with fork at one end as pictured was determined as a dimension was not on the drawing. This rod picking up the motion from the eccentrics to the reversing quadrant, the foster having Stephenson’s valve gear. Trial and error seemed to be the consensus from around the room.

While not at “a loose end” Bruce Geange knocked out this impressive Allis Chalmers WC model Tractor, hard to believe that this is a primarily built in wood! Photo B Geange



Graeme Hall's Victorian Engine as previously described in the October 2022 Generator now finished with paint and a polish to boot. The blue and gold setting it off nicely!

Photo B Geange

Over the last few months Graeme Hall has also manufactured another Stirling engine to add to his stable of these engines.

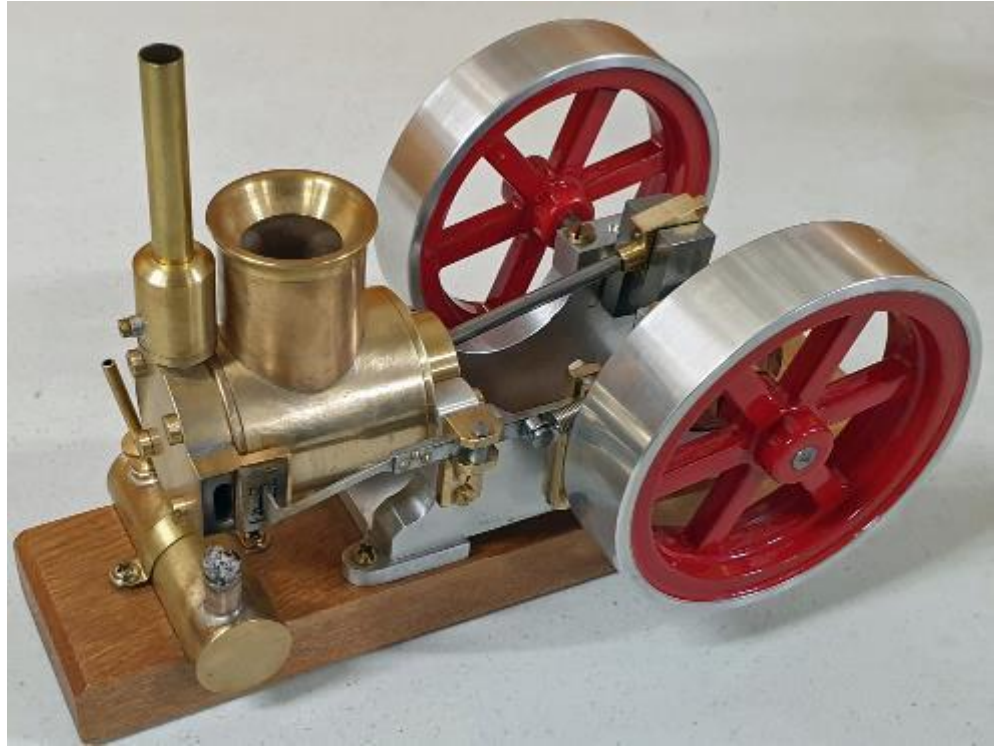


Photo B Geange



Richard Lockett got some time in his workshop late in 2022 and produced the Drawgear Brackets for the 7.25 inch gauge U class NZR locomotive. Machined from solid in cast iron, he assumed wrongly that this component would be dimensionally the same as for the W class he made many years ago with the intention of having them cast from the casting pattern still in the workshop. But no they are different in size so quicker to machine from solid.
Photo R Lockett

[More from Canmod 2023](#)

Bill Jackson, sadly no longer with us built a lot of 3.5 inch gauge NZR locomotives in his time, a couple of which were present at the Canmod Convention back in January 2023. Now under the care and ownership of Nelson's Reece Cobb this fine example of Bill's workmanship a NZR Ja 1243 running on the raised track. Can't read the makers plate for the year of manufacture.



Photo Editor

The Generator



Photo Editor

Designed but never built by the NZR a Q class 4-6-2 Pacific locomotive in 3.5 inch also built by Bill Jackson. Now under the care of Brent Coburn from Blenheim and maybe the last locomotive he built. The makers plate has this impressive model built in 1977 and numbered at number 24, as I said Bill built a few in his time. Probably started and finished within that year! Must have been a good long year as I think they are getting shorter! What a locomotive that would have been in full size!

Date and Time		Activity
Thursday 23rd March	7.30pm	Club Night. Fire Prevention in your workshop!
Sunday 2nd April	1pm to 3pm	Marriner Reserve Railway Committee Meeting Marriner Reserve Railway Club Night Annual General Meeting
Thursday 6th April	7.30pm	
Sunday 16th April	1pm to 3pm	
Thursday 27th April	7.30pm	
Thursday 4th May	7.30pm	Committee Meeting Marriner Reserve Railway Club Night TBA
Sunday 7th May	1pm to 3pm	
Sunday 21st May	1pm to 3pm	
Thursday 25th May	7.30 pm	

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 with **“Generator Please”** in the subject line.