

The Generator

Issue 535
July 2026



Palmerston Model Engineering Club

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C/- 1582 Rongotea Rd, Palmerston North, 4475.

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 23rd July

Club Night.

Project Progress and MRR H&S Recap

Thursday 27th August

Club Night.

TBA.

Marriner Reserve Railway

Sunday 2nd & Sunday 16th August

Railway operations at the Marriner Reserve

Trains in operation from 1pm to 3pm

Weather permitting (Richard Lockett 027 2541059)

Thursdays

Railway operations for club members

Subject to ongoing track maintenance and weather

Contact track manager (Richard Lockett 027 2541059)

Club Notices

Club Night 23rd July

A two pronged theme for this months club night with Project Progress and a recap of our Marriner Reserve Railway Health and Safety Manual. So please bring along your current project or part thereof and or an item of interest which you may have come across recently! A brief recap of some of the core elements of the Marriner Reserve Railway's Health and Safety and Operations Manual is an ongoing operational requirement of the running of the railway! If you have any concerns or issue's around our railway operations this is another opportunity to have a discussion!

Contact Phone Numbers

It would appear that a number of club members have dropped having a landline phone and have not forwarded their mobile phone numbers to the club admin! This makes it very difficult to contact you in a hurry if and when we need to from time to time. If this is you can you text your mobile number to either **Richard 027 2541059** or **Lawrence 021 837078** so that our records can be undated.

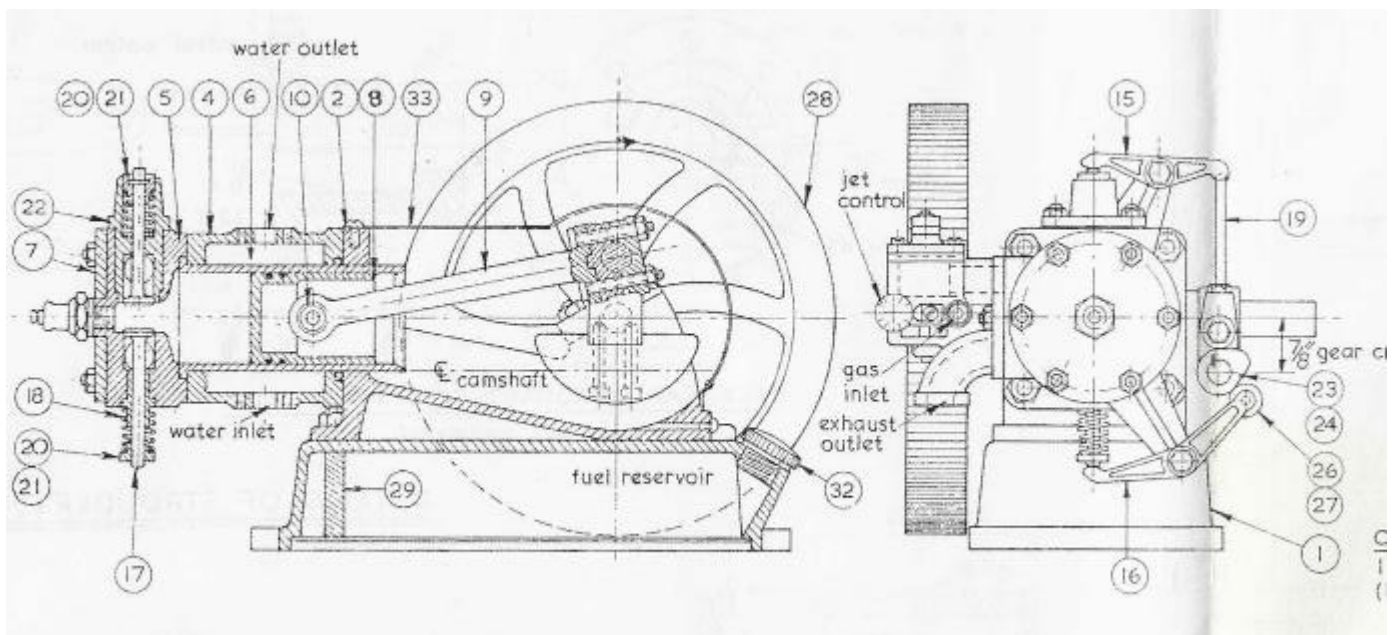
Library News

A donation of model plans has been made to your clubs library with the following titles:

- Locomotive feed water pump—Twin cylinder/double acting
- Wallaby CHV 2 cylinder water cooled 30cc petrol engine
- Vacuum engine with internal head valve
- Vertical multi tube boiler
- Coffee cup sterling engine
- Carburettor 1/2 inch throat
- 2 Stroke engine 2.5cc
- 4 Stroke engine petrol 5cc
- The Zepher 2 stroke engine 2.5cc
- The Trojan double acting slide valve steam engine
- The Corsair single cyl single acting piston valve steam engine
- Centaur gas engine 1.5 inch bore x inch stroke
- Steam Launch engine, triple expansion 34HP

If any of these are of interest to you or you wish to browse the library's shelves give Merv George a call on 021 08169930. Thanks go to Chris Bjerga for this generous donation.

Centaur 1.5 inch bore x 2 inch stroke gas engine by Edgar T Westbury



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June Club Night Report

June was this years quiz night and having modelling and engineering as the subject matter gave quiz master Richard Lockett plenty of scope re questions. Richard described his quiz as “something for everyone” but proved to be more a case of very little for anyone with the best score going to Fin Mason with 8 out of 25 questions answered correctly.

For those of you who were unable to attend the club night the quiz is repeated here as it may be of interest to you.



Q - Who is this Gentleman? Born 1781 and died in 1848 aged 67 years.

A - [George Stephenson](#).

Q - What was he known as?

A - [The father of Railways](#).

Q - What was his son's name?

A - [Robert Stephenson](#).

Q - What did he invent?

A - [A Miners Safety Lamp](#).

Q - His most notable achievement opened for service on the 15th of September 1830. What was it?

A - [The Manchester to Liverpool Railway](#).

Q - What else happened on that day to mark its day in history involving the locomotive “Rocket”.

A - [The first fatal accident involving a railway train](#).

Q - What is the thread angle of a British Association “BA” screw thread.

A - [47.5 degrees](#).

Q - What is the thread angle of a British Standard Whitworth “BSW” thread.

A - [55 Degrees](#).

Q - What is the thread angle of a Acme thread.

A - [29 Degrees](#).



Q - Who designed this structure?

A - [Peter Seton Hay](#)



Q - Who designed this building?

A - [George Troup](#)

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Q - Name this vehicle?

A - [Doble Steam Car](#).

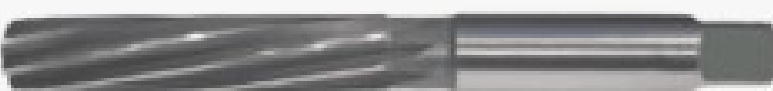
Q - Name this vessel?

A - [Hikitia](#)



Q - Name this vessel?

A - [Ngamotu](#)



Q - Name these 3 metal cutting tools?

A

1. [Chucking Reamer](#)
2. [Taper Shank Machine Reamer](#)
3. [Hand Reamer](#)



Q - What make of Formula One car is this 1967 example?

A - [Brabham BT24](#).

Q - What did New Zealander Denny Hulme win whilst driving this car?

A - [1967 F1 World Championship](#).

Q - What engine powered the Brabham Formula One cars during the 1966 and 1967 seasons?

A - [Repco V8](#).

Q -- Who did the initial development work on that engine?

A - [Australian Phil Irving](#).

[RAILX 2026](#)

The weekend of the 4th and 5th of July saw the PNMEC attend RailX 2026 as an exhibitor with a display inside the Bell Hall alongside the North Island Radio Controlled Model Truck Club who had an extensive road layout taking up most of the hall which was a big drawcard for the event. The PNMEC decided not to focus entirely of the railway side of our hobby but to showcase the varied subject matter that we model in as well as sharing our allotted space with Maurice Job and Richard Sheehan with their model boats. A big thanks to all of you who gave their time and models which all contributed to a successful weekend for our club and to the RailX organisers John and Neil for the invitation to exhibit, Thank you!

Thanks also to Owen, Kyle and Alex for the operation of the Allchin and Burrell Traction Engines outside over the two days. Luckily the weather played ball for the most part making this possible.



Bill Krippner along with Stuart Anderson managed to prize the 3inch scale Allchin Traction Engine away from Alex and Owen during their smoko breaks.

Photo Jon Mason

The Marine division of the PNMEC's RailX display which attracted plenty of positive Comment.

Photo Editor



Graeme Hall's "Snow" natural gas pipeline pumping engine attracting attention from a young budding engineer.

Photo Editor

Date and Time			Activity
Thursday 23rd July	7.30pm		Club Night Project Progress Plus MRR H&S Operations Manual recap
Sunday 2nd August	1pm to 3pm		Marriner Reserve Railway Committee Meeting Marriner Reserve Railway Club Night TBA
Thursday 6th August	7.30pm		
Sunday 16th August	1pm to 3pm		
Thursday 27th August	7.30pm		
Thursday 3rd September	7.30pm		Committee Meeting Marriner Reserve Railway Marriner Reserve Railway Club Night TBA
Sunday 6th September	1pm to 3pm		
Sunday 20th September	1pm to 3pm		
Thursday 24th September	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 pnmeinc@gmail.com with "**Generator Please**" in the subject line.