

The Generator

Issue 500
May 2023



Palmerston Model Engineering Club
www.pnmecc.net.nz - 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 25 May

Club night

Jonathan Mason has spent most of his working life in the New Zealand high voltage power transmission industry. Come along and hear how the system works!

Thursday 22 June

Club Night
Project Progress

Marriner Reserve Railway

Sunday 4 June & Sunday 18 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)

2023 Annual General Meeting

The club AGM was held on the 27th April at the Hearing Hall, Palmerston North.

There were 15 members present. Apologies were given and the minutes of the 2022 AGM were read and approved.

President David Bell presented his report for the outgoing year.

Treasurer Lawrence Brooshooft presented the Financial Report for the year ending February 28 2023.

Membership Subscriptions will be \$40.00 for the 2023-2024 year.

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

Club Officers were elected as follows;

President: David Bell.

Vice President: Cynthia Cooper.

Treasurer: Lawrence Brooshooft.

Secretary: Fin Mason.

Committee Members: Chris Morton, Bill Krippner, Richard Lockett and Jonathan Mason.

Other Club positions:

Newsletter Editor: Richard Lockett

Librarian: Merv George.

Track Manager: Richard Lockett.

There were no items of general business.

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.

Thursday 25th May Club Night.

Jonathan Mason has spent most of his career in the electricity industry and the distribution of high voltage current around New Zealand. Jonathan starts his presentation on how the distribution system works currently and how it has evolved over the course of his career!

Hearing Association Rooms, 435 Church Street, Palmerston North 7.30pm

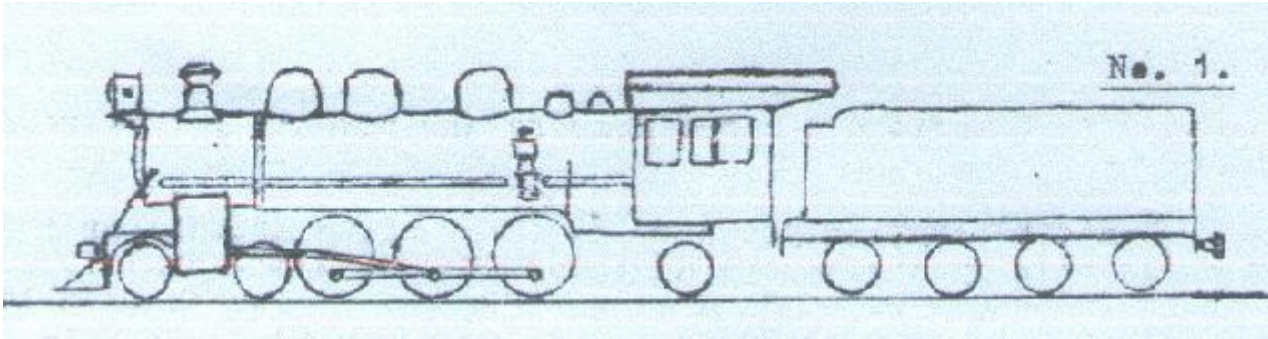
A reminder.

Remember to get those casting pattern in shape for the casting weekend at the Technicast Foundry in Whanganui starting on the 14th July and running throughout the long weekend. An opportunity not to be missed!

The Generator

In the April Generator we took a look back to the first edition of our clubs newsletter (April 1977) which predated the use of "The Generator" as the newsletters name. Issue 19 of April 1979 was the first newsletter to use the name "The Generator". Who or how that name came about has been unfortunately lost over the course of time and no mention was made of any process to arrive at a name in any of the previous newsletters, but it's a neat name and thanks goes to whoever came up with it!

As mentioned in the last Generator, questions would be asked about the featured locomotive on the front page of the clubs first newsletter and there were 3 to be precise.



What is the class of locomotive?

Who built this class of locomotive?

Who produced the original sketch/drawing?

Most of the assembled members had picked up on the 4-6-2 wheel arrangement making this locomotive a Pacific class, but that was not the answer that the quiz master required! Modellers of New Zealand Railways locomotives in any gauge will have recognised the standard NZR two window cab design and so making this Locomotive an NZR Pacific. The NZR had only three steam locomotives with the Pacific 4-6-2 wheel arrangement, the AB, Q and the AA. The tender body shape rules out this being an AB. Those members with good resourced libraires of NZR locomotive books should be then able to establish that this locomotive is the AA class of 1915. The give away being the height of the tender sides being significantly higher than the NZR standard tenders of the time. If you got that far you will have of known the builder of these locomotives, the give away being the stay rod clearly visible rising up from the front headstock to the smokebox, a feature of a Baldwin manufactured Locomotive.

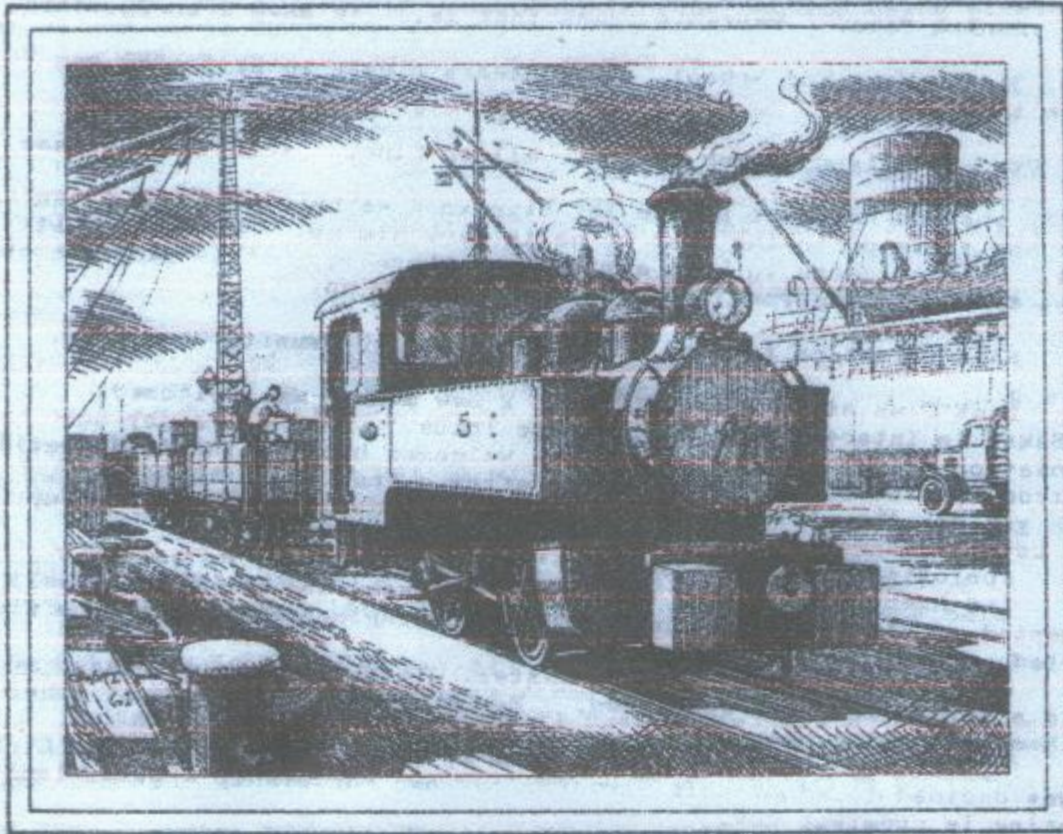
As for the third question, keen modellers of the NZR in any scale or gauge should have been on to this with ease. The New Zealand Railway and Locomotive Society has over many years published a series of drawings featuring locomotives, rolling stock and lineside infrastructure which consist of a detailed outline drawing with a few key dimensions of the selected item of equipment. These are an ideal reference resource for the NZR modeller meaning that you don't have to source the blueprints until you have committed yourself to your build project! As Chris Morton suggested on the night "that looks like one of Cedric Greens drawings" and he is correct. These drawings are commonly reproduced in other reference books dealing with such things as NZR locomotives and NZ railway history. Apparently the internet was of little help in answering these questions which I find quite neat in itself!

Back to the NZR AA class loco's of 1915, The order for 10 of these loco's were built in an amazing 60 days by the Baldwin Locomotive Works in the USA. Most of their working life was spent on the North Island Main Trunk based in Taihape and Taumarunui before being scrapped in the late 1950's after what is regarded as of having very successful careers in service.

Our club's newsletter The Generator number 19 from April 1979 also featured a steam locomotive working the wharfs at the Port of Napier. Captioned Napier Harbour Board's Locomotive No 5 this pencil sketch is signed and dated 1961 but I can't make out the signature, so if any of you out there can identify the artist please get in touch! The reproduced print would perhaps have been from a calendar or a book of the artists work. On reading this some of you will have realised that this is the sister locomotive to the harbour Board's no 6 locomotive which resides at the Tokomaru Steam Museum both of which were built in 1925 by Fowler's in the UK for the Napier Harbour Board.

REGISTERED AT POST OFFICE HEADQUARTERS, WELLINGTON AS A MAGAZINE.
20th March 1979.

no 19



Napier Harbour Board's Locomotive No. 5.

The Generator..

It is not known exactly when these two 0-4-0 locomotives were withdrawn from service but they were housed at the port for quite some time after their last steaming before the no 6 loco Fowlers shop no 16343 was sold directly to Colin Stevenson for his railway at Tokomaru in around about 1970. Loco no 5 Fowlers shop no 16342 also ended up in private ownership eventually being restored to operational condition at the workshop of Napier Engineering under the guidance of Graham Leabourn who also is a long standing model engineer from the Hawkes Bay Society. Graham told me that he used to fish from the Harbour Boards wharfs as a youngster when these loco's were operational and has vivid memories of them hence the reason to become involved in the restoration of no 5. Stored for many years with damp sand in the sand domes atop the boiler, the rust had got through to the boiler shell and reduced its thickness a tad too much and with a few other boiler issues the owner had Napier Engineering design and manufacture a new welded boiler for it at considerable cost! Other restoration work was undertaken by volunteers on Sundays in the workshop of Napier Engineering over many years. This locomotive now resides at the Silverstream Railway in Upper Hutt but I think is still in private ownership. Many of you will have been a passenger hauled by the no 6 loco when on a visit to the Tokomaru Steam Museum back in the 1970's as I had as a young teenager and may even have fired or driven it during its operational time there. A club member has also in recent times driven the no 5 locomotive at Silverstream and as this is 2023 you can find out who that is via the internet! Once again a shout out to all the previous editors of the Generator for their efforts over the course of 500 editions. Well done and thanks to you all!

For Sale

The following locomotives are offered for sale.

5 inch gauge 0-4-0 NER Y4 British Shunting Tank Locomotive.
Boiler number ZPN 66.
Built by P N model engineer Chris Rogers in 2002/3 to the design of Doug Hewson Models.
\$ 2500



3.5 inch gauge 4-4-2 GNR Atlantic Tender Locomotive.
Boiler number ZPN 57.
Built by PN model engineer Ian McLellan during 1998– 2009 to the design of LBSC as published in the Model Engineering Magazine.
\$3000.00



Part built 3.5 inch gauge 4-4-0 Early American Tender Locomotive.
Boiler number ZPN 119
Part built by P N model engineer Ian McLellan to the design of LBSC.
Complete pressure tested copper boiler. This project is well on the way to completion.
\$ 1000.00

Enquiries to Richard Lockett 06 3230948 or rockett@inspire.net.nz



Adieu Kenneth Ian McLellan



Ian McLellan as we shall remember him, on the footplate of his Masie, a product of the Amberly Avenue Railway Workshops, keeping the 3.5 inch gauge rails at the Marriner Reserve Railway nicely polished.

Photo Owen Mudgway

Date and Time	Activity
Thursday 25th May 7.30pm	Club Night High Voltage Electricity Distribution
Thursday 1st June 7.30 pm Sunday 4th June 1pm to 3pm Sunday 18th June 1pm to 3pm Thursday 22th June 7.30pm	Committee Meeting Marriner Reserve Railway Marriner Reserve Railway Club Night Project Progress
Sunday 2nd July 1pm to 3pm Thursday 6th July 7.30pm Sunday 16th July 1pm to 3pm Thursday 27th July 7.30 pm	Marriner Reserve Railway Committee Meeting Marriner Reserve Railway Club Night TBA

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.