

The Generator

Issue 536
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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 27th August

Club Night
Bring, Buy, Sell or Trade

Thursday 24th September

Club Night.
Cool Tool Evening

Marriner Reserve Railway

Sunday 30th August

Sundays 6th & 20th September

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 27th August.

Your opportunity to have a clean out of your workshops or collections etc and pass a few unused or unloved treasures onto other hobbyists or unsuspecting club members! Tools, project's not started, books, magazines, tools and materials see what you can find that someone else may appreciate more than you!

As per usual if you have something of interest to show off and talk about bring it along!

Model Engineer Magazine's.

A number of volumes of Model Engineer's have come to hand that need to be rehomed and available at no cost!

Vol's 102 - 104	1951 to 1952
104	1952
108 - 120	1953 to 1959
122 - 128	1960 to 1963
136 - 157	1970 to 1986

Individual copies of editions from volumes 106 - 157 Year 1970 to 1994 also available.

Individual copies of the Model Engineer' Workshop #7 to #369 also available.

Interested please contact Fin Mason 06 356 7849

Additions to the Club Library

The following books have been kindly donated to our club library by club member John Neal.

- ♦ Josephine and her Friends. NZR Double Fairlie Locomotive.
- ♦ Locomotives worth Modelling.
- ♦ Aludels Sheet metal Workers Handbook.
- ♦ The Geometry of Sheet Metal Work.
- ♦ Sheet Metal Work PT2.
- ♦ Pattern Making.
- ♦ Wood Pattern Making.
- ♦ Simple Press Tool Practice.

Librarian Merv George reckons that we are not reading enough, particularly on these cold winter mornings so give Merv a call 021 08169930.

Locomotive for sale.

A side tank version of L.B.S.C's Netta 0-8-0 locomotive modelled in 5 inch gauge.

Outside cylinders with inside Stephenson's valve gear, crosshead pump. Built Ken Nielson

\$6500 ono Phone Dave Nielson 021 02529347



The Generator

July Club Night Report

One of Kyle Mudgeway's many projects is this 1/35 scale MiniArt WW2 era Caterpillar D7 Bulldozer which is progressing well. Winch and cable operated blade yet to be fitted up.



Photo Editor



Bill Krippner is back onto his 7.25 inch Climax bush locomotive project and has finished one of the powered bogies.

Photo Editor

Merv George had designed up these sheet metal clips to be able to locate 5mm bar prior to welding them together. The reason for this approach will become apparent on the next page!



Photo Editor



NZR U class U193 tender hand brake, screw and nut. Richard Lockett explained that its manufacture had taken some time due in part by fussing over what thread to cut for the screw. Should have been an ACME or Square but ended up being a M7x 1.0mm.

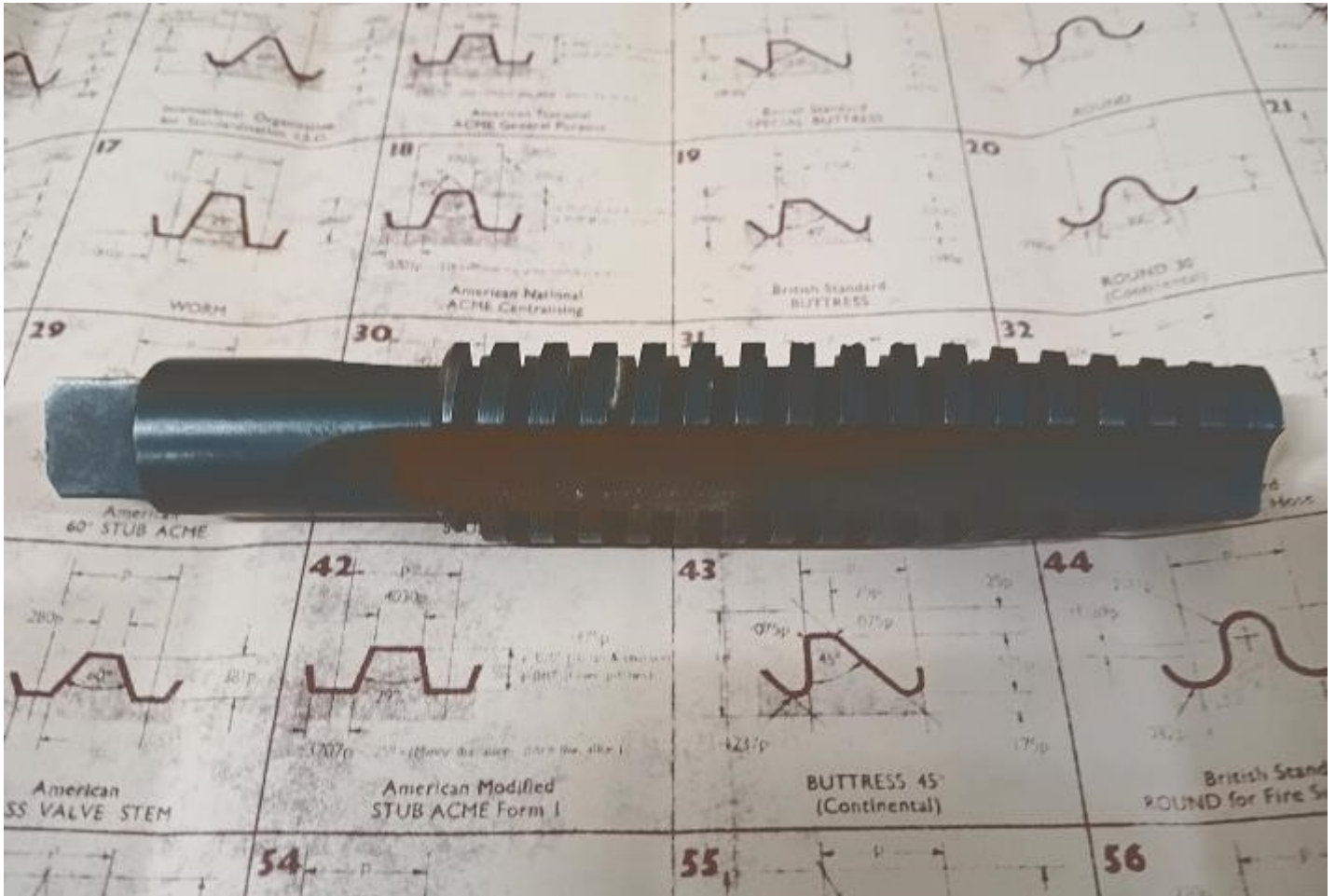
Photo Editor

Mark Hendry has been keen to crack into the building of the boiler for his 5 inch Sweet Pea locomotive. Plates have been flanged, holes drilled and barrel seams silver soldered all to Marks standards which are set quite high it would appear!

Photo Editor



The Generator



Alex Mudgeway was challenged to rummage around in the family workshop for the largest square tap to be found and to bring it along to club night so we'd have something to talk about! The one that he brought was a 3/4 inch diameter and after a bit of discussion the assembled members concluded that it was possibly the thread out of a gate style water valve.

Owen Mudgeway brought along another workshop find in the form of "The Robertson Guide to Screw Thread Forms" in the form of a wall chart extolling us to use "Wharco" dies for the cutting of threads. Some of the threads mentioned on this chart had not been seen before by those assembled on the night!

Photo Editor



The Bobber project being undertaken by Merv George is gathering pace with body panels being produced. The above wire frame is being used to define the outline of the cover which house's the fuel tank, electronic circuitry as well as one of two other bits and bobs that need to be tucked out of the way.

Photo Editor

Not Worn Out Quite Yet!

Having been brought up at a time and location where you didn't throw things into the rubbish when you thought you were finished with it, Merv George doesn't like to discard things. If there's a chance that it may find a use again then it is stored until that day may come.

Case in point, those 100mm dia x 1mm cut off grinding wheels when they are worn down and become too small to be of use we throw them in the rubbish bin right! No you don't, you store them somewhere that you can remember (that's the tricky part). Merv reasoned that there was abrasive material still on the worn disc and that with the right tool this could be utilised for the benefit of mankind.

Suitable flanges were machined up for mounting onto a variable speed dremal style tool which allowed Merv to machine some grooves in the replacement suspension bearings used on his Trails motorcycle.

Merv advises a word of caution as regards using cut off wheels on dremal style tools as it can be very easy to exceed the maximum safe RPM of the cut off wheel. Check as to what the max speed of the cut off wheel is beforehand and don't exceed it! And as always ear and eye protection to be worn.

Merv George
Photo's Merv George



Date and Time			Activity
Thursday 27th August	7.30pm	Club Night. Bring, Buy, Sell, Swap etc Marriner Reserve Railway	
Sunday 30th August	1pm to 3pm		
Thursday 3rd September	7.30pm	Committee Meeting Marriner Reserve Railway Marriner Reserve Railway Cool Tool Night	
Sunday 6th September	1pm to 3pm		
Sunday 20th September	1pm to 3pm		
Thursday 24th September	7.30pm		
Thursday 1st October	7.30pm	Committee Meeting Marriner Reserve Railway Marriner Reserve Railway Club Night TBA	
Sunday 4th October	1pm to 4pm		
Sunday 18th October	1pm to 4pm		
Thursday 22nd October	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.