

Number 594

September
2014

The MICROMETER

AUCKLAND SOCIETY OF MODEL ENGINEERS INCORPORATED

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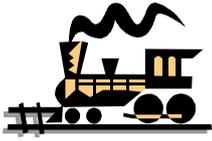
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REGISTERED NEW ZEALAND PUBLICATION

Otira Viaduct

A masterpiece of modern Civil Engineering. Completed in November 1999.





Train Roster

Date	Electric Driver	Electric Driver	Steam Driver	Train Controller	Station / Guard	Station / Guard	Station / Guard
7-Sep-14	I Ashley	D Booth	Voluntary	<u>G Anderson</u>	R Copeland*	R Crook	J Davies
14-Sep-14	M Plant	P Dowdeswell	Voluntary	<u>D Russell</u>	G Dickey	G Farquhar	A Foster*
21-Sep-14	M Granger	M Hollis	Voluntary	<u>D Black</u>	G Healy	P Jones	J Lankow*
28-Sep-14	D Housley	T Leys	Voluntary	<u>G Wills</u>	D Leybourne	M Luxton*	H Martin
5-Oct-14	S Meikle	D Moffat	Voluntary	<u>T Lawrence</u>	C Mitchell	G Murray	J Olsen*
12-Oct-14	M Moore	P Moy	Voluntary	<u>T Robinson</u>	M Richardson	K Ryan*	A Shirley
19-Oct-14	R Reichard	P Woodford	Voluntary	<u>D Russell</u>	A Pritchard	R Smith	R Stratton*
26-Oct-14	B Aickin	I Ashley	Voluntary	<u>G Wills</u>	R Street	P Tomkies*	D Addis
Please Note: September changed							

Bold and Underlined Name:

This is the designated **Train Controller**, i.e. the person in overall control of all operations for the day

Bold with Asterisk* Name:

This is the designated Stationmaster, i.e. the person responsible for activities in the station area. The Stationmaster is also responsible to account for the day's takings.

Train Drivers please note: New trolleys - please make sure when you put the trainset away after Sunday running that you leave the brake switch (on the front of the first trolley) in the middle (Brakes On) position. This will help stop the vacuum pump battery from running flat!

President's Report

September 2014

Work on the Track & Trolley project continuing. There was a good turnout for the working bee on the 9/8/14 with some track bolted down, greenery trimmed etc and a section of track base by the traverser loading area boxed and concrete mixed and poured. Unfortunately we had some unwanted visitors who left their mark on the concrete.

Timothy Robinson

President

23 August 2014

Club Calendar

Tuesday September 2	General Meeting. (7.30 p.m.)
Saturday September 6	Working Bee (9 a.m.)
Tuesday September 9	Committee Meeting (7.30 p.m.)

Track and Trolley Project

Some photos from the August working bee on August 9 - a good turnout of 11 members saw quite a lot achieved. The new concrete slab by the track end of the traverser was completed (and suitably vandalised before fully set!), some more new track was bolted down, a new concrete base was poured for the tunnel height gauge, the running track was cleared of debris, the engine shed roof ridge flashing was fully re-secured after the break-in attempt several weeks ago, and the main pedestrian bridge treads and steaming bays were water blasted.



Timothy, Tony, Graham and Mike preparing the boxing for the new concrete.



Watching the builder at work - Graham sets out the gaps for the traverser wheels.



Tony's mixed the batch, now Timothy and Mike pour while new member Allan Bailey spreads the concrete into the boxing.



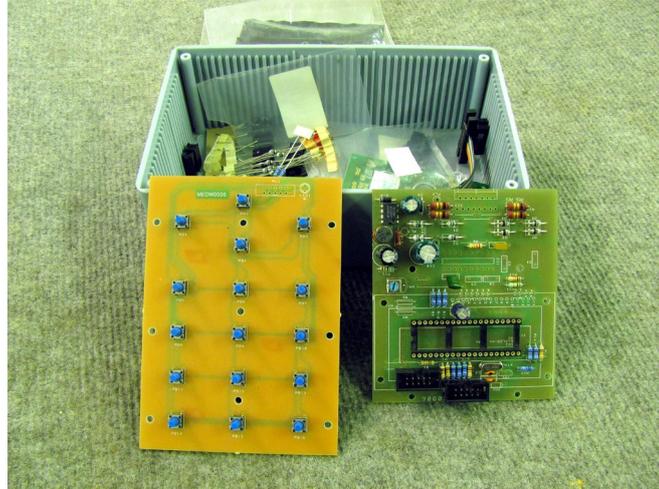
Murray seemingly gives thanks that the chipping away of the old concrete packing is done at last!



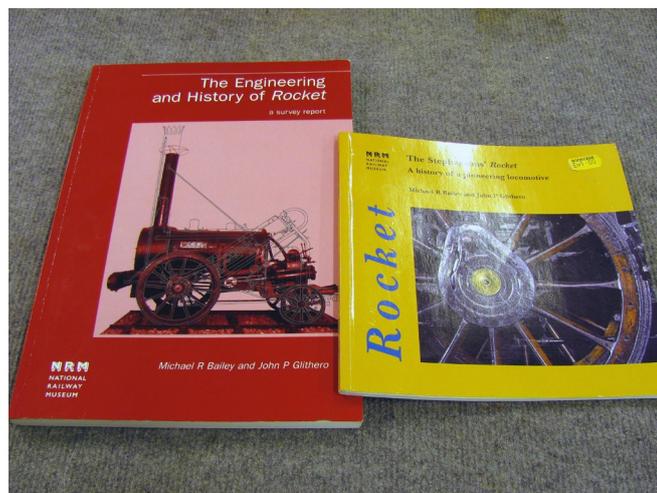
Michael and Andy work to bolt down the recently rubbered section of new track.

Bits and Pieces August 5 2014

reviewed by Dave Russell



The first item to be examined was some electronic components that Graeme Murray had brought in, they are the basis of a digital dividing head driven by a stepper motor. This is a project that Graeme is revisiting after starting it years ago.

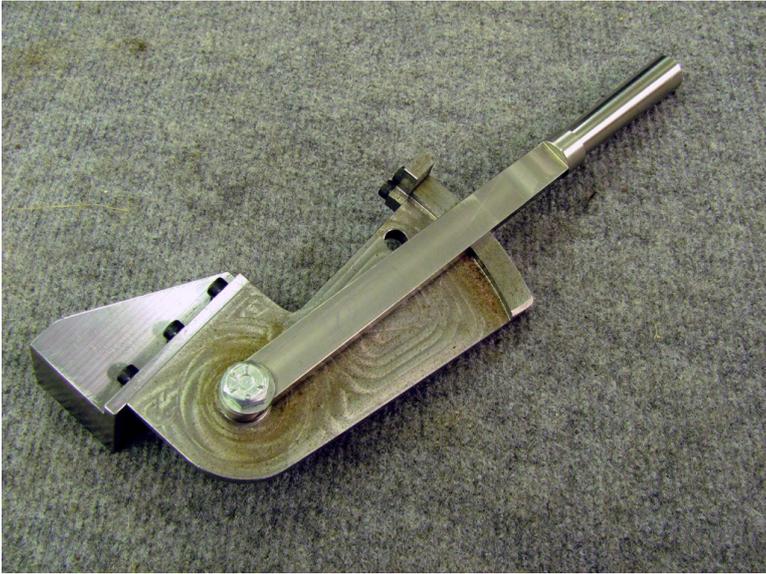


Graeme is also planning to build a locomotive in his semi retirement, the planned model is a 7-1/4 gauge Stephenson's Rocket and with this in mind he has bought a couple of books to obtain more details.



Kevin Ryan took on a job to repair a French fire screen from the 1780's, this turned into a job of making a complete new unit. The fret work was cut by hand using a scroll saw. To form the brass knob pieces a form tool was made from gauge plate and hardened, it was the held in the tool post of the lathe.



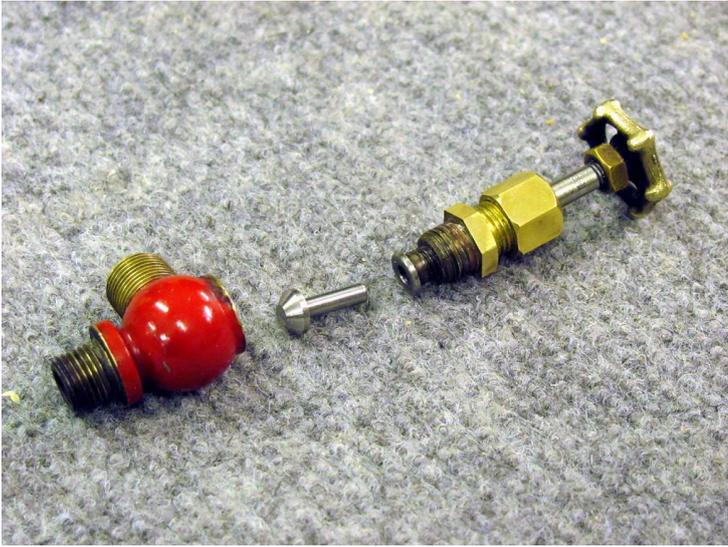


Greg Burrows presented the regulator lever for his 7-1/4 gauge locomotive, it will be mounted "NZR style" hanging from the cab roof.

Greg has also been putting his home made CNC lathe to good use producing hand rail stanchions for this same locomotive.



From the weird and wonderful dept. Greg dragged up this old tap that was R/H thread at one end and L/H thread at the other, it seemed it was some sort of cycle thread.



The little valve was one off Mike Orange's locomotive, he has modified it by fitting a separate piece with a taper seat that fits up inside the spindle. Mike says this should stop the spindle from damaging the seat causing the valve to leak.

Graham Beazley who recently gave us an interesting talk on telescopes has made a tool for removing the screw pieces that hold lenses into optical instruments. The tool can be adjusted to cover quite a large size range.



Lastly was a solid steel ring to be welded to the engine shed sliding door. This is to offer some protection to the new lock being installed, hopefully this should keep the vandals and burglars at bay.

Classified Ads

For Sale

WORKSHOP FOR SALE

The owner is moving into a retirement resort so it's time to sell the Model Engineering workshop .
This is the perfect opportunity to acquire a complete workshop with quality equipment in one step.

Key items include:

Myford Super Seven lathe. Tom Senior Mill. RF40 Mill Drill. Band Saw. Sheet metal folder. Compressor and Spray Paint gear. Brazing Hearth. Drills. Taps and dies. Measuring equipment, tooling and much more.

Asking price \$11,000 ONO

For a copy of the full inventory please Email your request to;

Martinhugh99@gmail.com

New Plymouth Model Engineers

Track and Club Rooms,11 Gilbert Street.

Join us for our annual get together,Labour Weekend

October 25-26-27th 2014

Raised track of 2.5" 3.5" and 5" gauges.

All the necessary stuff supplied to steam engines.

Morning and afternoon teas

Luncheon Saturday and Sunday

Evening meal for Saturday and Sunday.

Track running all three days and a night run if you are so inclined

Road machines are most welcome

So come join us and have a good time.

If you wish you can let us know that you are intending to visit.
Either by mail to 11 Gilbert St New Plymouth or by email m.mgeorge@xnet.co.nz
Or phone Monty on 067589866.(after 6.00pm)