

THE MICROMETER

REGISTERED NEW ZEALAND PUBLICATION OF THE
AUCKLAND SOCIETY OF MODEL ENGINEERS INCORPORATED



SEPTEMBER 2013
NUMBER 583

AUCKLAND SOCIETY OF MODEL ENGINEERS INCORPORATED
PETERSON RESERVE, PANMURE, AUCKLAND
PO Box 14570, PANMURE, AUCKLAND 1741, NEW ZEALAND

In This Issue

Train Roster	Page 3
Club Calendar	Page 4
President's Report	Page 4
Around the Clubs	Page 5-6
Classifieds	Page 6
Bits & Pieces	Page 7-9
Obituary for William (Graeme) Wilkinson	Page 10

Club Information

AUCKLAND SOCIETY OF MODEL ENGINEERS INCORPORATED
PETERSON RESERVE, PANMURE, AUCKLAND
PO BOX 14570, PANMURE, AUCKLAND 1741, NEW ZEALAND

Club House Telephone

(09) 570 5286

Club Web Site

www.asme.org.nz

President

Timothy Robinson

(09) 296 2949

president@asme.org.nz

Secretary

Mike Moore

(09) 443 6050

info@asme.org.nz

Editor

Hayden Purdy

editor@asme.org.nz

Cut off date for the October issue : 20th September 2013

The views and opinions, actual or implied contained within or referred to in this publication, do not necessarily reflect the views or opinions of the Auckland Society of Model Engineers, the Editor and/or contributors. The Editor reserves the right to publish, or not publish, any content at his discretion. Content submitted after the cut-off date will not be published until the following issue.

Train Roster

Date	Electric Driver	Electric Driver	Train Controller	Station / Guard	Station / Guard	Station / Guard
September 2013						
1st	B Aickin	I Ashley	<u>M Jack</u>	R Copeland	J Davies	G Dickey*
8th	D Black	D Booth	<u>T Lawrence</u>	A Foster*	D Gulliver	G Healy
15th	B Cotton	P Dowdeswell	<u>T Robinson</u>	J Lankow*	D Leybourne	M Luxton
22th	M Granger	M Hollis	<u>M Orange</u>	I Lyons	H Martin*	W Parker
29th	D Housley	S Meikle	<u>B Piggott</u>	J Olsen	C Mitchell*	G Murray
October 2013						
6th	D Moffat	M Moore	<u>G Wills</u>	G Quayle	M Richardson	P Boyes*
13th	P Moy	R Reichardt	<u>M Jack</u>	K Ryan*	A Shirley	R Smith
20th	B Aickin	I Ashley	<u>T Lawrence</u>	R Stratton	R Street*	T Taylor
27th	D Black	D Booth	<u>T Robinson</u>	P Tomkies	D Addis	R Brown*

Please Note:

Please note minor change in September

Bold and Underlined Name:

This is the designated **Train Controller**, i.e. the person in overall control of all operations for the day. If you are the **Train Controller** you should phone around the others rostered for that day to make sure they remember to turn up.

Bold with Asterisk* Name :

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

Please Note, there is no expiry period or date on train ride tickets previously sold.

Please Note:

On your rostered day you should arrive by **12.30 pm** to get prepared for the days running. If for some reason you are unable to fill your rostered date, you are respectfully reminded that it is your responsibility to find a replacement member to fill the gap - please don't let the rest of the team for the day be left short-handed.

Please ensure you arrange the replacement member with one rostered to undertake the **same** role, to ensure we always have members with the appropriate training and experience on the day

Club Calendar

ASME Events	
3 rd September	General Meeting
7 th September	Working Bee
10 th September	Committee Meeting
17 th September	Workshop night at the clubrooms

President's Report

August 2013

Working Bees at the Club are of significant necessity since the demise of the Tuesday Club who meet at the club rooms every Tuesday and did all the things we took for granted i.e. - track repairs, leaf clearing, trolley repairs, painting, cleaning clubrooms, cleaning toilets, etc. A working bee once a month has to do all that and the larger jobs working bees were originally reserved for. Working bees are held Saturday from 9.00am to 12pm - see Club Calendar dates.

Work on the Track & Trolley project is progressing with parts for the riding trolleys being made by members & steel for the track being cut and machined.

For General Meetings we are in need of people to present a talk on subjects members would be interested in. If you would like to, or know of someone, or have suggestions of subjects you would like to know more about. Please contact me or the committee. Please contact me or the committee.

Timothy Robinson

President

18th August 2013

Around The Clubs

August & September 2013

Reviewed by Tony Lawrence and Grant Anderson. Apologies for the missing review last month, so a double dose this time around. All of these Newsletters are kept on file in the binders adjacent to the fridge for further perusal by members.

Northern Views, Whangarei -July 2013

Photo album and logbook of current "Wednesday Club" projects. Bad weather has kept members indoors sorting through, and building extra library shelving for the mountain of books donated to club by the Late Wally Webb's Family. Before and after pics of the "ex " Club Loco, now owned by Lloyd Cross and having been rebuilt, with assistance from Mike Orange. Photos and article on pickling an "A3" boiler in Citric acid. Last trip on Sydney Monorail. Nice article about the 3foot 6 inch gauge Rack Railway , recently restored and now operating in Strachan, Tasmania

Blast Pipe, Hutt Valley and Maidstone – July 2013

Drawing and article concerning a trailing points mechanism , designed by Lindsay McDonnell. Bit of a moan about some Clubs using road cones for railway signals!. At least at ASME we have our red stop signs on poles Presidents Annual Report, and advertising for CANMOD Convention in January 2014.that slot into the track where needed.

Slipstream, Auckland Model Aero Club – July 2013.

Again, lots of good photos of models at Club night held in the ASME clubrooms. Reports on flying days at Aka Aka, Karaka, Ngatea and Patetonga. Indoor scale flying at Balmoral.

Sun City Express, Nelson Society of Modellers, June 2013

Bad weather caused large tree to fall onto track, big clean up and firewood for all. Riding wagons are being refurbished and repainted. Nice high resolution photos of Member's projects and the new AMTRACK rail fleet in California.

Wheels and Floats, Tauranga Model Marine and Engineering Club., June 2013

The Committee is considering several interesting options to grow the Club facilities and operations. These include advertising of sponsors on passenger wagons, recruiting non- member " Friends of the Society" to help on running days, and a deal struck with the local Lions Club to help out with funding and labour for their track extension project .Photos and description of Members tooling and methodology for internal spline cutting, and fine soldering processes. Lots of good humour to fill the gaps as well.

Model Torque, Hawkes Bay MES - July 2013

Boat boys now have a banner to fly on the signpost, the recent Pea, Pie & Pud evening was a great success with 33 present, August meeting expected to be the 500th of the Club. Open Weekend is set down for 5 & 6th October. Member's 5"g NZR Ab loco now running on air. Article on new NZR DL class locos ex China and restored railcar at Pahiatua.

Northern Views, Whangarei ME Club - August 2013

Notes on a busy Sunday running including sale of 160 sausages! Rankin's NZR Q loco under overhaul (is included in a photo line up of NZR engines taken at MLS QB weekend) and Lloyd's new diesel loco hauling 3 trolleys easily. Foldaway stairs fitted for attic. Junior drivers programme highlighted. Article on Tuapapa Steam Loco (ex Poland) in Cook Is.

Blast Pipe, Hutt Valley and Maidstone – August 2013

Good speaker from Kiwirail at HV general meeting – talking on train control, Member hurt in fall from tree while pruning, some damage at track from recent storms, details of new diesel powered (3cyl Kubota) loco, review of rules underway. Maidstone suffering from wet weather on run days, improvements being done to club petrol powered loco. Good article from Gavin McCabe on repairs to his ex Harold Sinclair steel boilered loco No66 & from David Grant Taylor on accurate measuring in cold weather.

Slipstream, Auckland Model Aero Club - August 2013

Photo on cover of a beautiful model of DH Mosquito, photos of a tableful of models at ASME Clubroom meeting – these guys really bring a lot of stuff along to monthly meetings! Report on Aussie Nationals at Richmond NSW in July.

Steamers & Dreamers, Manukau LS – July 2013

Annual report of President and notes from AGM included, details of a worthy charitable cause which a whip around at their AGM raised \$393 from members present, report & photos from QB open weekend, article by Greg Burrows on his workshop projects.

Mailship, Scale Marine Modellers – July 2013

Photo on Taupo Model Show which the Club attended with their transportable pool, advert from Kiwi Steam promoting steam engines in model boats, article on swamp kauri, poster for 100th anniversary model boat sailing at Hawera at Labour Weekend.

Big Wheel News, Steam Loco Society of Victoria – Jul/Aug 2013

Report on track changes to be made at station - members agreed to proceed. Planning for night runs at start and end of daylight saving. Photos of Cliff & Bunting ¼ scale traction engine. Report on visit to Victorian Goldfields Railway at Maldon. Photos of the Bendigo Model Engineering Exhibition in July.

Classifieds

For Sale

3.5 inch gauge “Juliet” 0-6-0 Steam Loco, runs well, good starter engine for the newer Member.
Will arrange boiler Cert before completion of Sale.

\$1900.00 O.N.O.

Contact Tony Lawrence, Ph 817 7696 or (021) 608 432

Can be viewed in Titirangi.

Position Vacant

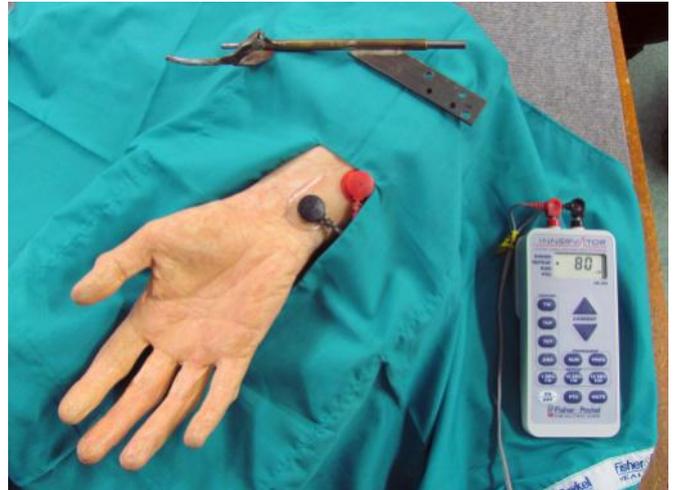
Hayden – our editor - is standing down at the end of this year, so the club will need a new Editor for next year. As Hayden might tell you, most of the input is provided by other members, and it is a matter of assembling the content on a template. Anyone who would like to take on the job, please contact Tim, Grant or Greville.

Bits & Pieces

6th August 2013

Conducted by Graeme Murray, Reported by Dave Russell

Graeme introduced then explained the workings, history and reason for his twitching thumb hand. This was made for Fisher & Paykel to demonstrate their product at trade shows, the principle is that an anesthetist can gauge how asleep a person is by the amount of twitch of their thumb when induced by an electric current.



Bob Aiken had brought in his pride and joy 00 gauge Hysler bush locomotive. A beautiful model propelled as per the full size with the motor driving a shaft lengthways along the loco to the driven bogies.

A highly polished locomotive steam turret belonged to Greg Burrows, it was nicely labeled also.





Now that Mike Jack has installed his machining centre back into the new workshop he has set it up and squared it up as true as possible. Mike says this has removed almost all machining marks from finished jobs. An example of the finish was evident on the coupling rods he has made for a customer in Tauranga, these are for a 7-1/4" Garrett locomotive.

The next item was brought in by Greg Burrows, it was a stay still type centre finder for the milling machine, Greg says he got it online for a bit over \$100, makes life a lot easier.



A fine pair hour and minute hands for a clock and the work of craftsman Mark Richardson, Mark has made these and blued them. This is hand work with no machining.

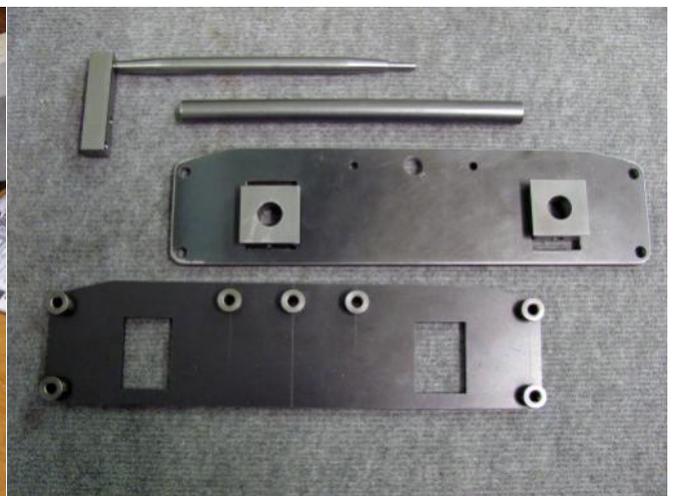
A lucky phone call to Dave Housley saved this fine 3-1/2" gauge LBSC, Princess Marina, LMS 2-6-0 from the scrap bin. It was built by the father of Dave Hays in the mid 1930's when the design was first published.





Grant Anderson had need of a 12mm x 1mm die to cut threads on some pieces, he successfully managed to borrow one but then had to set to and make a die holder for it.

Greville Wills son had got his large 4WD tractor stuck on the beach while trying to rescue a smaller vehicle that was stuck, anyway the whole lot had a bath in salt water when the tide came in until it could itself be rescued by a larger vehicle. Greville has had the starter motor completely to bits to clean out the salt and corrosion and make it serviceable again. Next is the alternator.



Lastly were some parts for the new club 7-1/2" gauge trolleys bogies, these consisted of some axles and frame pieces.

Obituary for William (Graeme) Wilkinson

The following is the text of an address to the congregation attending the Memorial Service held for William Graeme Wilkinson at the St Peters Presbyterian Church, Harrison Rd, Mt Wellington on Friday 9th July 2013.

Dorothy has asked me to say a few words today. My name is Greville Wills, a member of the Auckland Society of Model Engineers Inc. - ASME for short or affectionately known as the "Train club".

Graeme joined ASME in June 1965, & brought many talents that contributed immensely to the club which was operating at Lagoon Drive.

He completed a beautiful model of an NZR Rogers 'K' Loco in Dec 1971 called Washington. This was an 1872 American locomotive with a 2-4-2 wheel arrangement. It has a very ornate appearance; a notable feature of the times in the early colonial days of New Zealand compared with British designed Loco's. The engine was very sure footed as it only has four driving wheels.

It is now on display at MOTAT.

Graeme was awarded the Jackson Cup - ASME's top award - in 1972 for this engine. He was very involved in the printing of the newsletter from 1973 to 1977 when we had the old Gestetner. He used to take the folded newsletter to the Ellerslie Post Office to post, as the club would receive a discount on the postage from there.

Graeme spent a lot of time with a team of youngsters in the early seventies and encouraged them to be involved with operation and running of his engine. They included; Alan Barton, Lindsay Dempsey - who went to sea and is now a professional mechanical engineer, Grant Hjorth - who was the engineering manager of the Mainline Steam depot in Parnell, Philip Howell and Scott Meikle - who has since returned to the club in 2009.

Graeme was awarded the Frank Roberts Cup - best NZR locomotive award - for his "Washington" loco in 1980.

He served as **Treasurer** from 1974 through to 1981 and **Editor** of the club magazine from 1984 to 1987. Graeme was made a **Life Member** in 1984, - an award that is for exceptional service to the club. He also served on the boiler committee from 1968 to 1988 and was a certified steam engineer.

Graeme ran his loco on the Sunday roster for many years.

He always put his Loco into the big exhibitions - EXME 1987, 40th Jubilee 1999, and it was borrowed back from MOTAT for the 50th exhibition.

He also helped in later years by driving the club Electric Loco and was on the roster till March 2007.

Graeme & Dorothy had a very long marriage and Dorothy supported him in so many ways - even making the curtains for the clubroom. They are / were both clever people but very self-effacing.

Graeme was a true gentleman.

We admire their talents and range of interests and want to assure all of his Family, Dorothy, Lawrence, Janet and grand-daughter Jessica, that ASME, will always remember Graeme.