

THE MICROMETER

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AUCKLAND SOCIETY OF MODEL ENGINEERS INCORPORATED



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

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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

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Train Roster

| Date | Electric Driver | Electric Driver | Steam Driver | Station / Guard | Station / Guard | Station / Guard | Station / Guard |
|---------------------------|---|-----------------|--------------------------|-----------------|------------------|------------------|------------------|
| December 2012 | | | | | | | |
| 2nd | R Hannah | D Booth | <u>B Piggott</u> | G Kemp | J Lankow* | D Leybourne | J Clarke |
| 9th | B Cotton | P Dowdeswell | <u>D Russell</u> | M Luxton | I Lyons* | H Martin | |
| 16th | P Eaton | M Granger | <u>G Wills</u> | S Meikle | C Mitchell | D Moffat | |
| 23rd | <i>Christmas / New Year Break, No Roster in Operation - Voluntary if you wish</i> | | | | | | |
| 30th | | | | | | | |
| January 2013 | | | | | | | |
| 6th | M Granger | R Hannah | <u>G Wills</u> | G Murray | J Olsen* | W Parker | G Quayle |
| 13th | P Haycock | M Hollis | <u>G Anderson</u> | R Reichardt | M Richardson | K Ryan* | A Shirley |
| 20th | D Housley | T Lawrence | <u>G Bell</u> | R Smith | R Stratton | R Street* | T Taylor |
| 27th | P Moy | T Robinson | <u>M Orange</u> | P Tomkies | D Addis | P Boyes* | R Brown |
| February 2012 | | | | | | | |
| 3rd | P Woodford | B Aickin | <u>B Piggott</u> | J Burnett | J Clarke | R Copeland | R Crook* |
| 10th | I Ashley | D Black | <u>R van Ryn</u> | P Cunningham | B Currie | J Davies | G Dickey* |
| 17th AM | D Booth | B Cotton | <u>M Jack</u> | A Foster | D Hamp | G Healey | P Jones* |
| 17th PM | P Dowdeswell | P Eaton | <u>D Russell</u> | G Kemp | J Lankow* | D Leybourne | M Luxton |
| 24th | L Farquhar | M Granger | <u>G Wills</u> | I Lyons* | H Martin | S Meikle | C Mitchell |

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 Asterisked* 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

Roster Notes

The committee has made the decision to add a fourth person to the roster each week, thus the Station duty has been renamed to Station / Guard. The idea is that when we are busy, and the two train sets are out, two rostered "Station / Guard" people can act as guards. This ensures that two members are left at the station to sell tickets and load/clip tickets, then despatch the train.

A further note to all Station Masters (or delegated dispatchers) - it is most important that the passengers are told:

- To keep their feet on the running boards
- To stay seated until the train returns/stops
- Not to reach out for anything.

Please also note that the February roster has been included due to the Micrometer not being published in January. There are two rosters for the Panmure Basin Festival Day on the 17th of February 2013. The morning shift is from 11:00am through to 2:00pm. The afternoon shift is as usual, from 1:00am through to 4:00pm. This crossover allows for members to arrange for lunch breaks.

Club Calendar

| ASME Events | |
|-----------------------|--|
| 4th December | General Meeting |
| 8th December | Club Christmas Dinner and Awards Presentation. Bookings need to be made with Graeme Murray with payment at \$20 p.p. |
| 11th December | Committee Meeting |
| General Events | |
| 1st & 2nd December | Opening of Cambridge-Rotorua Live Steamers new track at Cambridge - register via email to D-R.COLLINS@xtra.co.nz |
| 15th & 16th December | River Edge Park (Whakatane) 10th Anniversary run |
| 17th February | 2013 Panmure Basin Open Festival Day. |

President's Report

December 2012

A very short report from your new president. The committee has some new faces, but we are still short of the numbers provided for in the rules - as was the last committee. A reminder to pre-purchase your Christmas Dinner and Awards Night tickets from Graeme Murray for the 8th of December.

Timothy Robinson

President

{14th November 2012}

New Committee

Below is a list of the new committee for 2013 as elected at the recent AGM:

President

Timothy Robinson

Vice President

Greville Wills

Secretary

Mike Moore

Treasurer

Grant Anderson

Editor

Hayden Purdy

Librarian

Graeme Murray

Committee

Tony Lawrence

Trevor Taylor

Mike Jack

Dave Russell

Graeme Healy

Peter Moy

President's Annual Report

Year Ending 30th September 2012

Another successful Club year has passed in which members were able to enjoy regular monthly general meetings with a variety of entertainment, workshop nights (including some at member's homes), members' only "fun run" days at the railway track as well as two annual exhibitions in the period.

Members also had the pleasure of operating the miniature railway most Sundays, giving more than 17,000 rides to kiddies and families, thanks to the bulk of members who turn out for their rostered duty on a voluntary basis. The railway has been maintained by a mixture of club working bees and our seniors group (Tuesday Club) activities.

This year the Club returned a modest financial surplus which will be useful as the major repairs required to our miniature railway are undertaken next year.

The Annual Exhibitions held in the period were the 2011 event on 7 & 8th October 2011 and the 2012 event held on the last weekend of the Club year. The 2011 Annual Exhibition, themed "Past & Present", was held at a slightly later time than usual in order to fit in with the Rugby World Cup and school holidays. Both events were relatively quiet affairs – the attempt to advertise the 2011 exhibition in newspapers was not particularly successful based on the numbers of "free ride" coupons returned and the numbers in 2012 were also low. There were many activities during the school holidays – EventFinda listed more than 1400 events in Auckland for the last weekend of September 2012. Nevertheless, the range of items displayed at both exhibitions showed the breadth of model engineering interest held in the Club and I feel the public who attended very much appreciated the opportunity to view member's handiwork.

At the Annual General Meeting (AGM) held on 1st November 2011, and after an extensive review and survey earlier in that year, members determined a clear & unequivocal direction for the future of the miniature railway at ASME - that is to add 7.25" gauge and put the track on the ground. This clear direction was required to ensure that the work to follow by sub-committees and other members would not be wasted, as their work would be closely aligned with those AGM decisions. Since the last AGM, much work has been done on the directive under the heading of the "Track & Trolley 2012 Project". Sub-committees were formed to review particular aspects of how the changes could best be achieved with Reports provided to the Committee, who have discussed matters at both their normal monthly meetings and also at special additional meetings. Most sub-committees had completed their work to enable members to be updated on progress at the July 2012 general meeting. Since then the final sub-committee report has been received and considered by the Committee who will make recommendations to the 2012 AGM so that progress can continue without any further delay. This will enable

the replacement of trolleys which are sorely needed.

Club "fun runs" introduced part way through 2011 to enable members to operate on the track without the pressure of carrying the public have continued in 2012. We had 4 occasions in November, March, June and August which were generally well attended, with a good turnout of steam locomotives being operated and/or checked over for WOF or boiler tickets. The March run included some competitions, a reverse direction run and finished with a BBQ. Quite a few members also attended the Manukau Live Steamers small engine day in April which doubled as a fun run day.

An interesting range of entertainment has been provided at the monthly meetings through the year. This included a past member, Jack Creber, with slides of the old days at ASME, Clyde Mitchell talking on wireless power transfer and Michael Cryns presenting on the restoration of the Auckland Library clock over two consecutive meetings. In addition, there were two auctions (in October and August), interesting DVDs were shown at two meetings, and a visitor demonstrated the process of rapid prototyping at another meeting.

In November, we had a Club visit to the Glenbrook Vintage Railway (GVR) with a trip down to the then new station site at Victoria Avenue in Waiuku, a visit to the workshops, and followed by a lovely afternoon tea on the platform at Glenbrook.

Working bees have been held on 14 occasions. Many working bees focused on making cribwall parts, needed to reinstate some of the wall at smokebox corner on the railway. Due to Tony Lawrence's construction knowledge and skill and use of his yard, these were very efficiently manufactured to a high standard – it now remains for them to be placed in the wall during 2013. Work was started on corrosion protection and repainting of the three way bridge. An engineers report was commissioned for all bridge structures to ensure they are up to standard. Some progress has been made developing signals to guard the large tunnel thanks to Ross Purdy's efforts. They are still to be fitted in a vandal-proof manner, now that they have been operationally proved on a couple of run days.

Visits to member's home workshops have continued alternating with workshop nights at the Club. Thanks to Graeme Murray, Greville Wills, Tony Lawrence, Murray Lane and Ron Copeland for their hospitality in opening their homes for our members to visit.

On the administrative front, we are grateful to Gary Farquhar for stepping up and taking on the Secretary's role through to the 2012 AGM, after Ross Smith had to resign early from the role in May. We also moved to internet banking at the start of the year – not as small a project as one may have thought, given the initial paperwork required!

External audits of our Club safety systems were undertaken by the Model Engineering Association of NZ (MEANZ) in November and again in June. These audits focused our attention on making improvements needed to get matters up to a standard able to pass the MEANZ audit process and move forward to lodging an application through MEANZ with Department of Labour (DOL) for registration under the Amusement Devices

Regulations. The application was lodged by MEANZ along with several other clubs back in July, but as yet a response from DOL has not been received. The improvements to our systems included introducing WOF checks for trolleys and locomotives regularly running at our track, Incident, Accident and Hazard ID forms, and Daily Running Sheets to record activities. In addition, a Hi-Viz jacket is now worn by the Stationmaster to aid the public identification of an authorised person to contact with any issues. Fire extinguishers were replaced and some minor changes made to remove hazards. All of these steps make our Club a safer place for both members and the public alike.

Our 2011 Annual Dinner and Awards night was held on 10 December and was a nice opportunity for members to socialise, enjoy a meal served by outside caterers and to applaud the winners of trophies for their excellence in model engineering. A welcome change this year were the slides shown of each item as the award was made – this helped ensure those attending fully appreciated the items and workmanship involved. We also had the occasion to celebrate the imminent (indeed eminent) achievement in reaching 95 years of age by our senior, life member, Jim Greasley– Jim continues his modeling and entered a shared exhibit at this year's September exhibition. This year we decided not to have a mid-year luncheon, a feature of recent past years.

Several minor incidents occurred, all at the track – three involved passengers coming off the trolleys and were investigated by the Safety Committee. No injuries of note were sustained and this represents a very small incident percentage rate given the thousands of rides taken over the year.

Our clubrooms continue to be used by four allied interest clubs for their regular meetings and Scale Marine Modellers (as well as joining in our annual exhibitions) held their own show in the basement over the Waitangi Day weekend.

The bi-annual Model Engineers Convention was held at Whangarei in early January – this included MEANZ and Auditors meetings. The event was badly affected by rain, but this allowed those members who attended plenty of opportunity to mix with the other attendees, representing Clubs from throughout NZ & Australia (and with visitors from several other countries too!). Our entries (produced by Alan Gasteen and Hugh Martin) in the Les Moore challenge were of considerable interest to those who watched the contest.

We have accepted an invitation to exhibit at the Steam & Vintage Country Festival weekend at the GVR on 23 & 24th March 2013; so this is something for all members to mark in their 2013 calendars as it is attended by a wide cross section of the community and a good opportunity to promote model engineering as a valuable hobby.

I wish to acknowledge with special thanks, members who are generally not holders of office, but nevertheless do regular duties, without which this club would be much the poorer. They include:

Alan Emerson – for reviewing other clubs newsletters and preparing around the clubs for each issue of Micrometer

Roger van Ryn – for taking notes at general meetings on bits and pieces and writing these up for the Micrometer

David Russell – who has printed off and posted the hard copies of the Micrometer each month at no cost to ASME.

Tuesday Club members for completing the safety fence by the ski club building, and including Bruce Piggott for his focus on track work.

Alan Pritchard for many years acting as our representative on the Waipuna Basin Committee – this role has now been taken on by Trevor Taylor.

The members who attended working bees – some 83 workdays done by 20 members.

Members who did their Sunday duty and gave the kiddies a train ride (about 60 members are on the roster) and especially Graeme Healy who turned out almost every Sunday to help out at the station.

Mike Banks for spraying “wet & forget” around the Club on a regular basis.

Hayden Purdy for looking after the Club Website (and for his Editorship of the Micrometer).

This is my last report after three years as your President. I have found it a busy role, with much to do to keep matters up to date and to make progress on a number of fronts – some of which are unfinished business but at least, well underway. Finally, I wish to thank the committee for their support and input at meetings, some of which by necessity have been lengthy affairs.

Grant Anderson

President, Year Ending September 2012

Joined

Bob Aickin, Mike Moore, Bob McLaren, James Davies.

Resignations

Stuart Weston, Daniel Yu

Passings

John McManus, Jim Yearn, Terry Boyd, Guy Hocking (life member)

Around The Clubs

December 2012

Model Torque, Napier - October 2012

Good write up on the preparations for their 50th and on the event itself, which went off very well. Some good photos of the track in action and some snippets from the first issue of Model Torque.

E.B.O.P Whakatane - October 2012

Progress on the Phantom boiler and a cunning way to quarter the wheels.

Expansion Link, Hamilton - October 2012

Photos of work on the new track, one showing the arson attack. Also some photos of the new Cambridge track at various stages.

Big Wheels News, Victoria - September/October 2012

Sad to note the loss of one of their members, judging by the write up he was one of those members that every Club needs. New Club loco built from a Ride on Railways kit, seems to work very well. Photos from the MSMEE Exhibition at Monash University. Some great models including a Wimshurst Machine. Some recipes for the ladies.

Rails and Sails, Invercargill - October/November 2012

Colour photo of Peter Collins' Providence Trawler in 1/10 scale. Hard to tell it is not full size. Model of Pakeha under construction with some history of the original fishing boats. Preparations under way for the next Great Little Train Show. More Naval sayings.

Slipstream Auckland Aero Club - November 2012

Reports from all the meetings. A Mt Eden firm offers a service to recover planes from trees. A neat idea to secure the wings to the fuselage using pegs and magnets so they detach in a crash reducing damage.

Whistle and Anchor South Canterbury Model Engineers - October 2012

Good colour photos of boats in and around the pond.

Blast Pipe Hutt Valley and Maidstone Nov 2012.

Cover photo of Tony and his newly acquired "Wee Jock". The basis for the next Les Moore Challenge is to be a 300 mm length of bungycord, A useful idea to use a ring of LEDs to light a vertical mill spindle. Progress at Maidstone with a couple of photos of locos on the raised track. Overhauling a Simplex. Visit to Aus to ride on several trains, a good read.

Mailship Scale Model Marine Oct 2012.

Very interesting article on Scows, a great part of NZ early history. Membership problems sound familiar.

Alan E

Bits & Pieces

6th November 2012

The first item tonight was the very fine lost wax castings by Martin Plant for his 5" Britannia locomotive. These consisted of the pony tuck axle box bearing covers and also the tender spring hanger brackets. Martin also brought along the patterns made by a rapid prototyping process. Nice work.



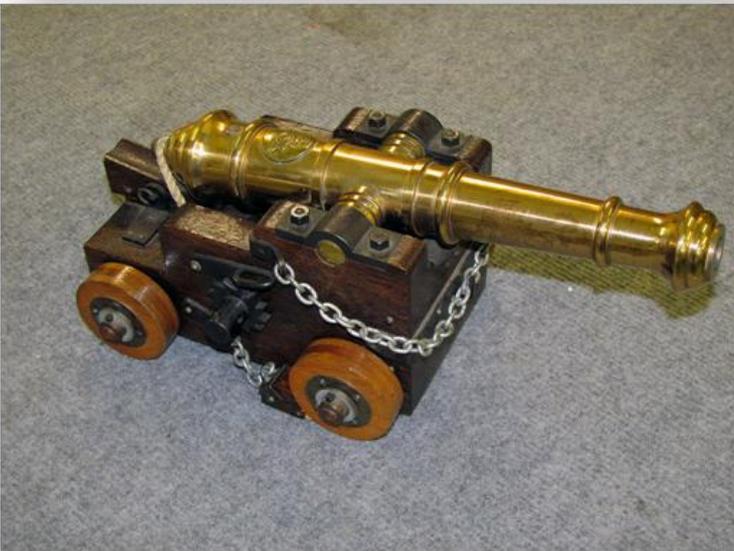
Martin has also been making V block holders to hold round bar when it needs to be drilled through crosswise, the problem was the first one had a 5mm clearance slot machined at the bottom, Martin found this is no good when you want to drill the hole through a 3mm bar so had to make a second one.

A box of castings for a Stuart Turner compound stationary engine was given to Graeme Quayle by a friend who Graeme had done some drawings for. This engine kit is no longer produced by Stuart Turner. Graeme's friend said he would not have enough time to make the engine, Graeme said jokingly "he wondered if he would have the time either".

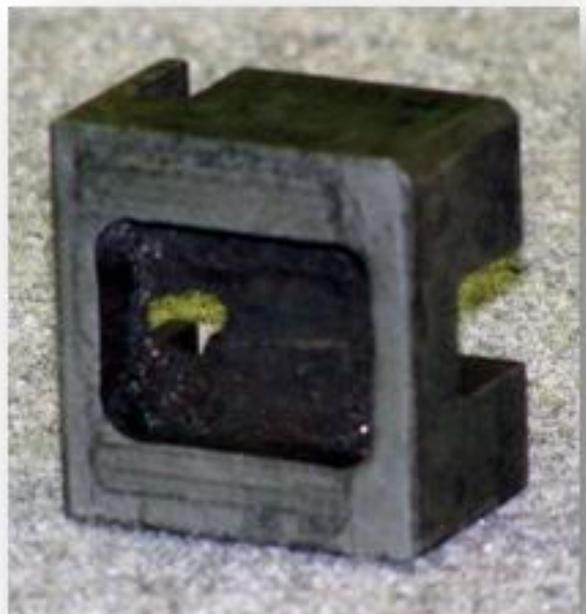




Peter Tomkies brought in a couple of very fine guns. The first was a field gun and the second was a naval cannon. Peter said that they had both been made by his father.



Greville Wills had taken his Smokey locomotive down to New Plymouth for a run over Labour weekend, unfortunately when steamed up and the throttle opened steam just came up the chimney, after ruling out a superheater problem and after further dismantling the D slide valve was found to have a hole through from the machined recess. The material was very thin at this point but it had taken 29 years to give up.





Two shafts with wear on them was the result of bearings being too loose a fit on the shafts, one was from an extractor fan and the other was from a test rig designed to shake the daylights out of a F&P smart drive motor for accelerated wear & tear testing. These were brought in by Peter Woodford.

Peter also brought in to give away a pile of the plastic test strips he gets from time to time (ideal glue spreaders).

Dave Russell

Working Bee Update

A Working Bee was held on the 27th of October to construct the mounting pads for the new safety wall at ski club straight. Below are some photos of working bee—note the novel use of the train to deliver wheelbarrow loads of concrete from the mixing point (by the basement) around to ski club straight.

Attendees of the working bee were:

Bob Aickin, Bruce Piggott, Graeme Murray, Grant Anderson, John Lankow, Mike Banks, Tony Lawrence, Trevor Taylor and Scott Meikle.



Tony Lawrence ready to receive another shovel full of concrete



While Graeme looks on, Bob Aickin is ready to shovel the concrete from the barrow into the hole next to Tony Lawrence.



Graeme Murray drives the Ec slowly while John Lankow supports the barrow load of concrete



Scott Meikle completes the dig on the last hole, while Mike Banks spreads the spoil by the three way bridge

Classifieds

For Sale

Castings, frame and buffer steel, drawings for Jubilee 2-6-4T locomotive 3 1/2" scale.
Design by Martin Evans. Castings by Reeves. \$700.00.

Contact Ian Davis, Ph (09) 238 9796

Castings, hardware and drawings for Stuart No4.steam engine including reversing gear.
This is a 2 1/2" bore, 1 1/4" stroke vertical engine. \$300.00.

Contact Ian Davis, Ph (09) 238 9796

From The Editor's Desk

Subs Payments Now Due

A reminder that subs payment is now due—these were posted on the 15th of November,
so you should have this by now.

If you pay your subs via internet banking, please don't forget to put some form of identification in the reference box (eg "J Blogs" or "C Robin"). If your online banking does not allow you to enter a reference, please send an email to the treasurer notifying him of the time/date and the amount paid.

Trophies

If anyone still has club trophies could they please return them to Murray Lane ASAP for engraving.