

The MICROMETER

AUCKLAND SOCIETY OF MODEL ENGINEERS INCORPORATED

PO Box 14570, Panmure, Auckland 1072, NEW ZEALAND

Club House: Peterson Reserve, off Peterson Road, Mt Wellington, Auckland 1060

Number 651

November
2019

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REGISTERED NEW ZEALAND PUBLICATION



Model Engineering Exhibition

60th Anniversary (1959-2019)

AUCKLAND SOCIETY OF MODEL ENGINEERS

FEATURING MODELS of:

Live Steam Locomotives & Lorry

Traction Engines

Clocks

Aero Engines

Working Machines

Ships and Boats

Also:

Tools & Workshop Equipment

Train Rides (*weather permitting*)

SATURDAY: 9TH NOVEMBER 12 noon-4PM

SUNDAY: 10TH NOVEMBER 10AM-4PM

Peterson Reserve, off Peterson Rd

Panmure Basin, Mt Wellington

EXHIBITION ADMISSION by Gold Coin Donation

TRAIN RIDES \$2.00

Visit our website for more info

www.asme.org.nz





Train Roster

	Electric	Electric	Steam	Train	Station /	Station /	
Date	Driver	Driver	Driver	Controller	Guard	Guard	
3-Nov-19	I Ashley	A Bailey	Voluntary	<u>T Lawrence</u>	B Matchett*	D Vaughan	
10-Nov-19	G Beazley	M Granger	Voluntary	<u>S Meikle</u>	K Ryan*	M Vickers	
17-Nov-19	M Hollis	D Housley	Voluntary	<u>T Robinson</u>	R Souter*	R Shearer	
24-Nov-19	J Lankow	B Matchett	Voluntary	<u>G Anderson</u>	A Stratton*	D Beecher	
1-Dec-19	M Moore	M Plant	Voluntary	<u>D Russell</u>	R Stratton*	M Vickers	
8-Dec-19	R Reichardt	P Woodford	Voluntary	<u>G Wills</u>	P Tomkies*	D Beecher	
15-Dec-19	A Shirley	K Ryan	Voluntary	<u>B Aickin</u>	D Wilson*	D Vaughan	
22-Dec-19	I Ashley	B Matchett	Voluntary	<u>P Dowdeswell</u>	R Crook*	R Shearer	
29-Dec-19	-----	Xmas / New Year Break - No Roster in Operation -----					
5-Jan-20	-----	Xmas / New Year Break - No Roster in Operation -----					

Bold and Underlined Name = **Train Controller**, i.e. the person in overall control of all operations for the day

Bold with Asterisk* Name = **Stationmaster**, i.e. the person responsible for activities in the station area and for the day's takings.

Please Note:

If for some reason you are unable to attend on 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. **Note: the Train Controllers for both affected days must be informed of the swap in advance. It is the responsibility of the person who initiated the swap to do this.**

The details of the swap should be noted in the Run Book.

Also, please ensure the member you arrange a swap with is one who is rostered to undertake the same role to ensure we always have members with the appropriate training and experience on the day.

NOVEMBER CALENDAR

Tuesday November 5th, 7.30pm - General Meeting, ASME clubrooms. No fireworks, but Ross Crook will show a film on ASME's early years, as part of our 60th Anniversary celebrations. A special supper is promised!

Saturday November 9th and Sunday 10th - ASME 60th Anniversary Model Exhibition at the Clubrooms. See Committee Comments for further information.

Tuesday November 12th, 7.30pm - Workshop Night, ASME clubrooms

Saturday November 16th - ASME's 60th Anniversary/Xmas meal, Ryder's Cinema & Restaurant.

Tuesday November 19th, 7.30pm - Committee Meeting, ASME clubrooms

Coming Up

- Hamilton Model Engineers Inc. **Steam N' Steel 2020 Convention**, Hamilton, January 9th-13th 2020.

Notice of Annual General Meeting of Auckland Society of Model Engineers Incorporated

The Committee gives notice that the next Annual General Meeting will be held at the ASME Clubrooms, Peterson Reserve, Panmure on Tuesday 3rd December 2019 commencing at 7.35pm.

The Agenda items will be the relevant items as set out in Rule 16.

A new President must be elected as per Rule 16.13, (the current President having held office for three consecutive terms) and new committee members are required. If you think you are committee material, don't be backward in coming forward!

Committee Comments

Committee Comments – November 2019

A momentous month for your Club – are you ready to help celebrate 60 years of Club activity??? The first meeting of what became ASME was held on Tuesday 5th November 1959. This year's celebrations start with the 2019 November General Meeting on the exact same day (Tuesday 5th November) – the special programme is a quality Super 8mm film presentation by longtime member Ross Crook of the early days of the Club (shown in the traditional manner) followed by a supper befitting ASME's 60th birthday. This is followed by the 60th Anniversary Expo - an exhibition in the clubroom basement on the following weekend - 9th & 10th November (see the pamphlet in this issue). Then on Saturday 16th November, a combined 60th Anniversary/ Xmas Party lunch (with film) will be held at Ryder's Cinema & Restaurant in Avondale. **Please note:** Bookings for Ryders will need to be closed off by 8th November to meet catering requirements. This last event is being subsidised by the Club, so reserve your places **now** by making payment of \$15 per person into the ASME bank account (details in the last three issues of Micrometer). After the roast lunch and expo award presentations, the film "The Time of Their Lives" will be shown. This is a 2017 British comedy with well-known actors, which should be appealing to all (including wives/partners). We hope to see a good turnout of members (both old and new) at these celebrations, so do come along and support the Club in November.

[Additional information for those who have not been to Ryder's before:

Ryder's are at 177 Riversdale Road, Avondale. Riversdale Road is the second street on the left off Rosebank Road north of the Ash St/Rosebank Rd intersection. Ryder's is near the far end of Riversdale Road on the right, down a long driveway.]

A full submission was made by ASME regarding the relevant issues which would affect our Club if the rules, proposed in the discussion paper “Implementing the Health and Safety at Work Act 2015: Better Regulation Plant, Structures and Working at Heights”, were to become law. No doubt it will take the Government Departments working on this matter quite some time before the outcome and next steps are made public. In the meantime, we will maintain a watching brief along with MEANZ and other like-minded Clubs.

The Committee decided to make the annual charitable donation (\$1000) for the 2019 Club Year to the Auckland Branch of the House of Science. This organisation provides science resource kits to primary schools to help in the education of young people – hopefully the kits will help foster an interest, by at least some of them, in engineering matters in the future. We have pencilled in a representative to come and talk to the Club at the February 2020 general meeting. If you wish to find out more about the organisation in the meantime, see: <https://houseofscience.nz/auckland/>

The annual auction held in October was a smaller affair than usual, but still worthwhile given the amount of material which changed hands. Tony Lawrence did a great job as auctioneer; and the sales data was ably accounted for by Greville Wills & Mike Moore – thanks guys for all your help.

The current lease for the Club’s site at Panmure expires on 31 October and we applied to Auckland Council for the final 5 year renewal (under the current lease arrangements) back in July. On 18th October we had a meeting with Council to progress ASME’s application and the matter is in Council’s hands; we have been told it is unlikely any progress will occur to confirm arrangements until next year.

It’s now only a month to the AGM on 3rd December (see Notice of Meeting in this issue). Remember, our current President must retire under the Rules and therefore a new man must be appointed to the role. No doubt some who have been on the committee for years would like a rest too! **So can you help by standing for office?** Everyone in the membership needs to give this their attention to ensure all the roles in the Club are filled by enthusiastic members at the AGM.

October Photo Competition



Serious film making underway at ASME
Photo: BN Wilson - ASME Collection

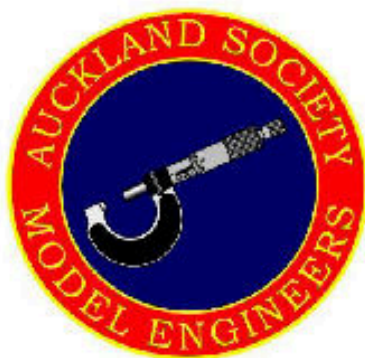
This competition has now been extended due to a problem with our email addressing. Since August 21, emails sent to the **editor@asme.org.nz** address have not been received by the Editor. If you have sent in an entry to this competition using this address, please resend the email to **editor@asme.org.nz**.

(Thanks to Grant, and his son Carl, the problem has now been fixed).

Otherwise, to date only one entry has been received.

Any further entries received will be included in the competition and the winner(s) announced at the Anniversary Dinner at Ryder’s on November 16.





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ASME 60th Anniversary Exhibition

Help Wanted

Message from Dave Housley, Exhibition Co-ordinator:

To be able to hold our exhibition in the basement we need volunteers for a working bee on the 2nd of November to clear out and clean the basement. Could anybody able to come please let me know on my email which was sent out to you in the notice from Tim on September 29th informing you of such.

We are needing a train controller for Saturday 9th November from 1200 -1600 plus drivers and station crew and the same for Sunday morning until the rostered-on crew take over. This will be from 1000 until 1300.

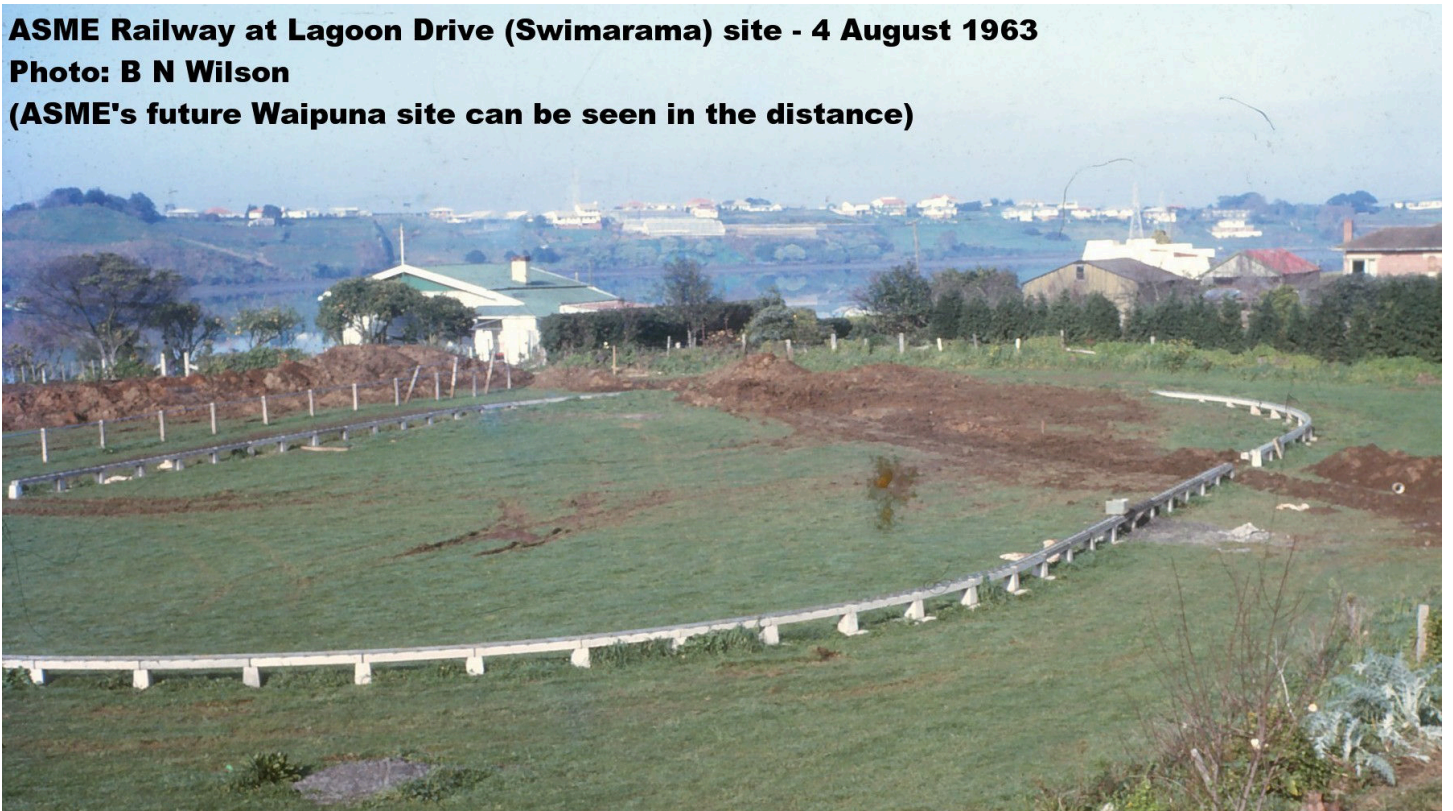
We will also need help unloading, setting up exhibits and people in attendance during the exhibition, anyone able to do the security over Saturday night?

ASME as it was, 56 years ago!

ASME Railway at Lagoon Drive (Swimarama) site - 4 August 1963

Photo: B N Wilson

(ASME's future Waipuna site can be seen in the distance)



Workshop Night, Tuesday 8th October 2019

Well we got off to a good start on Tuesday night again with a cup of tea and a couple of bikkies. We had approximately 9 members turn up to show us what they have been doing and talk about some stories with the rest of us. The bits and pieces were a little light this night as we had just had the annual auction the week before and I think everyone was going over what goodies they had won that night and not being working on their usual projects.



Peter Woodford brought in a project that he had started a number of years ago. It is a hand operated arbor press with a rack and pinion drive that he came across and thought it would be useful one day. This type of press is very useful for pressing light fitting bushes and bearings, and for broaching holes for keyways.

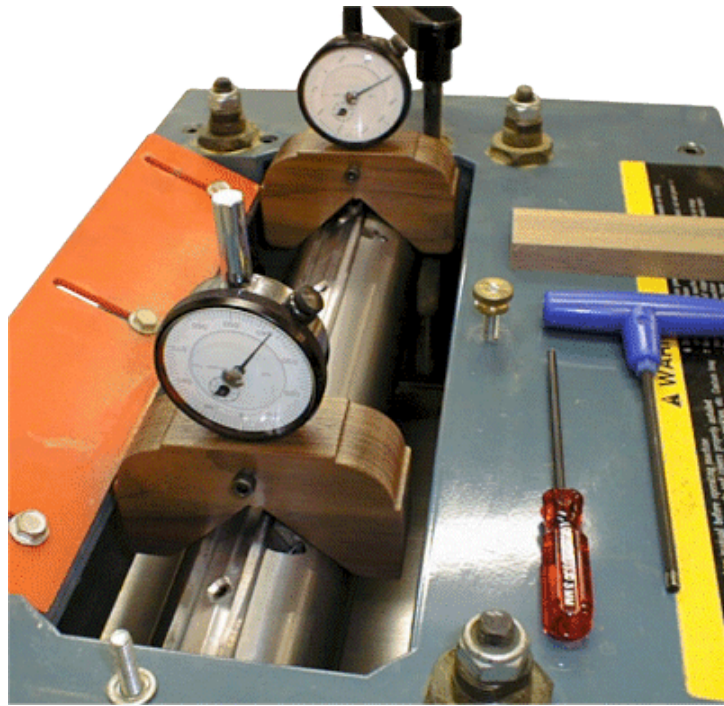


Murray Hollis was one of the lucky ones to win the top bid on an item at the auction. He found himself the proud owner of a very well used wet stone grinding wheel set up for grinding chisels and tools. The shaft was very badly worn where the plastic bush had been working away at the shaft. This started up an excellent discussion on how best to go about fixing the problem. In the end it came down to how much time or money you want to put into it. One idea was to turn down the shaft and fit a special sleeve made up to take up the wear. Or to make a whole new shaft and fix the problem that way. (We will see what he does soon no doubt).



This item was brought in by one of our newer members, **Roger Shearer**.

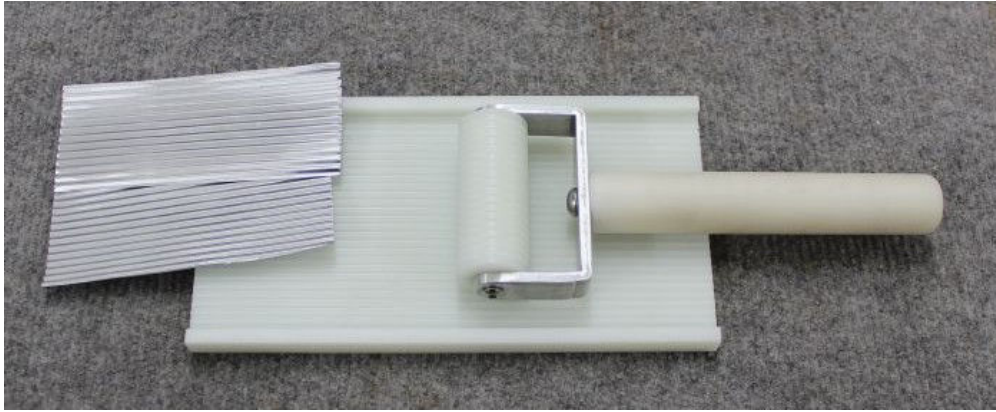
After some discussion on what it might have been used for, a number of ideas come out. It is use mainly for setting the height of the cutting blades on planer drum cutters. You sit the gauge on the drum (or shaft of the cutting head) and adjust the blades until they are parallel with the axis of the shaft and at the same height as the other blades in the set. See next photo.



Greg Burrows had been asked by a friend if he could make up some builder's plates for his newly completed 7-1/4" gauge loco. These plates were milled out of 6mm brass plate and are 150mm long by 90mm high. The builder will fill them with his favourite colour paint at the time of fitting them to the loco cab.



Also from Greg Burrows is a nice little stepdown motor and gearbox to be fitted to the 1/24th scale turntable he is building for his garden railway. The motor is 12 volts and the gear reduction is down to 10RPM on the output. These came from China from Banggood at a very reasonable cost.



And the last item was also from Greg Burrows. It is a tool for the making of 1/24th scale corrugated iron to be used on the Garden Railways buildings and fences etc. He made it by modelling up in CAD a 3D model of the iron to the scale he is using and then, to copy the surface of this to make up the base of the roller form, he copied the profile of the iron and used it to model the roller. The roller was then used to shape the 0.1mm aluminium oven trays into the correct shape. It is just a matter of cutting up the trays into strips of the appropriate width and length you need and placing them on the base and rolling the roller up and down a couple of times to form the corrugated sheets.

Well that is a quick round up of the workshop night and as always it is a good to see members interested in supporting this night. Remember if there are questions about engineering or other ideas on how to do something that you would like help with. Just bring them to the night.

So remember this meeting takes place at 7-30 on the second Tuesday of the month and all members are welcome to come along and join in. Cheers Greg B



For Sale

Alistair Marsh has contacted us from Ngaruawahia and has copies of ME (complete 1954 & 1956 plus others from the "60s) and castings and plans for a 2" Flying Scotsman, as well as other books etc for sale or will swap for riding car (preferably braked) to suit his 5" diesel.

Phone 0225992872 for details.

William C. Daldy Trip Cancellation

Owing to an insufficient number of bookings being received, the sailing of the William C Daldy (advertised in last month's Micrometer) had to be cancelled.