

Number 685

December 2022

The MICROMETER

AUCKLAND SOCIETY OF MODEL ENGINEERS INCORPORATED

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Guess How Many Gauges?

President's Report December 2022

This is the last report for the year and for my tenure as president. I am proud of what the committee and the club have achieved through what have been very trying times for all of us, and I am very appreciative of all the help and support I have received throughout. I am sure the next president will be able to rely on that continuing support.

Various projects, including upgrading the A&G Price trolleys, repairs to the engine shed, and work on the workshop are progressing well, and we hope to tidy up a few outstanding tasks over Xmas/New Year. Timothy Robinson and Mike Banks, with helpers, are refining the points built by Dave Giles, and will replicate parts to be used on further sets.

The retaining work that Tony Lawrence was able to do at the end of the trestle bridge has made a huge difference to the aesthetics and ease of maintenance of the area. The work of Bruce Matchett and helpers on the gardening front has been remarked on by visitors and should be particularly on show in the coming months.

Looking to the future, the club is in a sound financial position, and this should continue as the returns from Sunday Running are strong with good public support. The major concern for the club continues to be attracting more active members, particularly on Sundays, but also on club nights. Various options have been discussed by the committee, including more promotion of the club, alternating GM nights with workshop nights, and possibly holding meetings on Sundays in conjunction with Sunday Running. All options are on the table so if you have any ideas or suggestions please let the committee know.

On behalf of the committee, I would like to take the opportunity to wish all members and their families an enjoyable Xmas and New Year, and I hope to see a good turnout for the AGM.

Best wishes and good modelling,

Mike Moore.

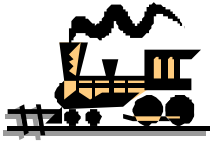
ASME is an active member of MEANZ

Members should keep a lookout on the website too, www.meanz.org.nz. It is a good place to find other clubs.

When you are travelling, just like us, our friends nationwide always welcome visitors.

DECEMBER CALENDAR

- Tuesday December 13th, 7.30 pm** - Workshop Night, (Clubhouse)
Tuesday December 20th, 7.30 pm - Committee Meeting, (Clubhouse)



Train Roster

ASME

DUTY ROSTER

Date	ASME		DUTY ROSTER			
	Electric <u>Driver</u>	Electric <u>Driver</u>	Steam <u>Driver</u>	Train <u>Controller</u>	Station / <u>Guard</u>	Station / <u>Guard</u>
4-Dec-22	A Bailey	B Matche	Voluntary	<u>D Russell</u>	D Beecher*	C Whiskie
11-Dec-22	M Plant	I Ashley	Voluntary	<u>G Wills</u>	D Wilson*	M Vickers
18-Dec-22		D Housley	Voluntary	<u>B Aickin</u>	M Luxton*	R Shearer
25-Dec-22	----- Xmas / New Year Break - No Roster in Opera on -----					
1-Jan-23	----- Xmas / New Year Break - No Roster in Opera on -----					
8-Jan-23	J Lankow	M Moore	Voluntary	<u>D Black</u>	R Crook*	D Beecher
15-Jan-23	R Reichardt	I Ashley	Voluntary	<u>P Dowdeswell</u>	M Luxton*	M Vickers
22-Jan-23	A Bailey		Voluntary	<u>T Lawrence</u>	R Souter*	K Ryan
29-Jan-23	D Housley	C Whisie	Voluntary	<u>S Meikle</u>	A van Zon*	R Shearer
5-Feb-23	J Lankow	B Matche	Voluntary	<u>T Robinson</u>	D Wilson*	D Beecher
12-Feb-23	M Moore	R Reichardt	Voluntary	<u>D Russell</u>	R Crook*	K Ryan
19-Feb-23	I Ashley	A Bailey	Voluntary	<u>G Wills</u>	R Souter*	R Shearer
11:00 am 26-Feb-23		B Matche	Voluntary	<u>B Aickin</u>	A van Zon*	C Whiskie
1:30 pm 26-Feb-23	D Housley	J Lankow	Voluntary	<u>B Aickin</u>	D Wilson*	M Vickers

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. Also advise Bob Aickin who is keeping track of the number of duties each of us perform during the year.

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.

Our Life Member, Alan Pritchard passed away about 4am on Saturday, 10th December.

Alan was a cheerful and willing worker who last attended the club a few months back to help with Sunday running at the railway - this photo was taken by David Black and was published in the November Micrometer.

Alan turned 96 years of age in late October - a great innings - especially as he was active at the Club to the end.

He had only recently moved from the Edgewater retirement village after a short stay in hospital to a Bupa care facility at Wattle Downs. One of his sons (Peter) has been good enough to keep the Club informed as he realises how important ASME had been to his Dad.

Rest in Peace, Alan



Club Notices

The December AGM at the Clubrooms was well enough attended to achieve a quorum and elect new officers and committee. Philip Dowdeswell is our new President

Our railway continues to be extremely popular, but our membership is dwindling. Most members are retired and many of us at least entering the departure lounge.

Comparison with other similar groups with more young members reveals an important point of difference. ASME has no presence in social media.

The ASME Annual Luncheon 19th of November was a buffet luncheon at Wellington's restaurant at the Waipuna Hotel was a great success with a good attendance and excellent service from the Hotel.





Ian Donald (SMM) had asked if there are any ASME members who would like to finish this model?

It is from a friend whose father died & he wishes to have it completed.

He is willing to pay. If you are interested, please contact

Ian Donald
threetenE@xtra.co.nz

Karaka Vintage Day 2023

Which was to be jointly hosted by

**Drury Rotary and Vintage Engine Restorers
Auckland**

at

The Karaka Sports Complex

is unfortunately

CANCELLED



WORKSHOP NIGHT WITH DAVE HOUSLEY

Martin Plant brought in a cylinder (one of a pair) which had been initially made from a wooden pattern (right) he had made but found there were errors ie no steam ways for the exhaust. Rather than trying to effect welding in a very tricky area he decided on redrawing the cylinder in solid works and having it 3D printed in PLA ,which is the one on the left. PLA has the properties to enable investment casting similar to wax but with a greater degree of difficulty nevertheless he and the foundry succeeded and he can now carry on machining. One can see the difference to detail between the two the printed version is so more defined.

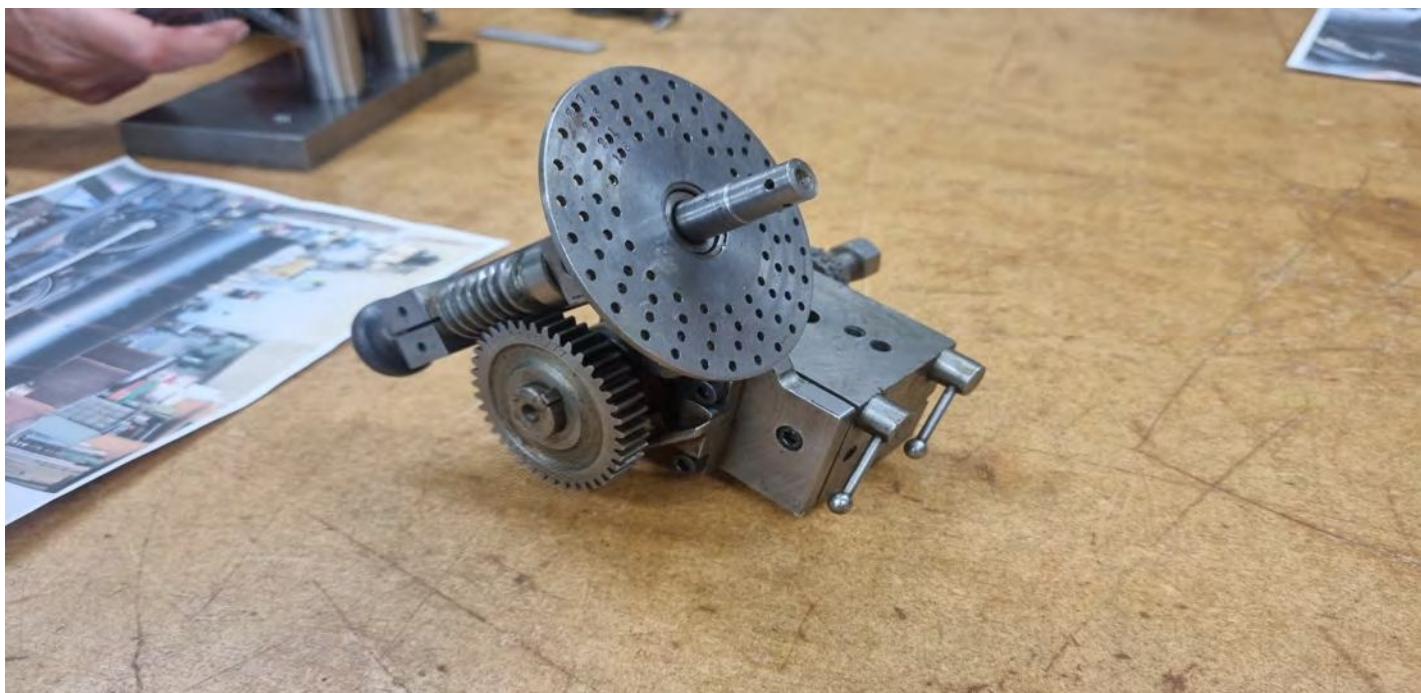


Mike Jack had a first principle exercise whereby a plate ground parallel is tapped and rollers are turned ,drilled clearance for caphead screws then ground exactly parallel between centres and the ends ground on the same centres which creates a square face .Then having drilled and tapped the plate the rollers can be fixed in the upright attitude and will naturally be square to the plate

Murray Hollis displayed a fine piece of work which is his burner for his garden gauge railway he is now progressing on to his boiler which we look forward to seeing in the new year.



Roger Shearer bought in a dividing apparatus for his lathe which he bought at the annual auction and apart from needing to make a couple of pieces was asking about the different features on it and the best method to mount it on his lathe.





The last item of Greville's pieces tonight is the linkage to connect his lubricator to the motion of the locomotive, by limiting the movement of the sliding piece will control the stroke of the arm on the lubricator easily providing control over the oil flow to the cylinders.

Dave Housley had recently been given a present of a day course at a workshop called Artisan School, turns out it is a day course that involves making a knife of the participants liking in one day. Dave explained that it all started with a piece of 4140 steel and at the end of the day the result is as per the photo. Everything was provided to complete the job and Dave ended up with a knife made to his own liking. Nice result Dave.



BITS AND PIECES WITH DAVE RUSSELL



Tonight's first item was definitely broken, Greville Wills has relied on these cheap tie down straps for some years to tie down items and locos in the back of his car but on his latest attempt found they had rotted (probably due to sunlight exposure) to the stage that they simply broke when he tried to tighten them.

Greville is working hard on his Beejax to get it finished. It has been a long time project as have many locomotives been for model engineers from the start of getting interested in the hobby.

In this picture is an example of ingenuity to create a bigger sized oil storage for the loco's lubricator by adding an extra tank connected by a piece of copper tube.





The end plate from this electric motor is from a motor that Mike Moore wants to use on his lathe, the only problem was the plate was cracked to the extent it was not useable, as a replacement was not easily obtainable Mike has had the part welded and it should do the job nicely.





Wow!, in true Michael Jack form this fixture including its motion layshaft made in two pieces is an example of the Model Engineering hobby taken to the limit with

This is a burner for Murray Hollis's Garden Railway gauge locomotive that he has been building of recent. The rather burnt piece of wood was a support for the tubes while they were being soldered (looks like it just lasted long enough).

Murray seems quite determined to get this little locomotive running in his garden for summer, this is the displacement lubricator and always when working on such small items involved more than one broken 1.0mm drill bit.

