



AUCKLAND SOCIETY OF MODEL ENGINEERS INC. | Issue 707 | December 2024

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Presidents Report

Hello everyone

Wow, what a month it's been! This exhibition has been the best that I've been to on record in recent memory!

I'd like to personally thank Dave, Roger and Steve for their hard work on preparing everything for the exhibition, Ron for supplying an enormous amount of scale engines and everyone else for their contributions. We had a fantastic turnout of attendees on both days (Especially Sunday!) For everyone that won a cup at the exhibition, they are currently with the engravers and we expect them back shortly so we can give them back to you appropriately labelled.

This won't be our last exhibition however—we'll be back as strong as ever next year!

Looking ahead, our AGM is next week (December 3rd) so please please make sure you are able to attend! I have received sobering messages from another club that is struggling to meet even it's basic requirements for a quorum, so please remember for for ASME's continued existence, it is vitally important that everyone who can attends the AGM as this is where we elect our committee members for the following year to allow our continued operations. My own report and the General Managers report will also be presented at the AGM if anyone has any questions they want to ask us.

Thanks

Philip Dowdeswell

ASME President

This Month's Calendar

Tuesday, December 3rd	07:30pm	ASME AGM (Clubhouse)
Tuesday, December 3rd	08:00pm	General Meeting (Clubhouse)
Tuesday, December 10th	07:30pm	Workshop Night
Tuesday, December 17th	07:30pm	Committee Meeting

TRAIN ROSTER



Date	Electric <u>Driver</u>	Electric <u>Driver</u>	Steam <u>Driver</u>	Train <u>Controller</u>	Station / <u>Guard</u>	Station / <u>Guard</u>	Extra <u>Person</u>	
1-Dec-24	M Moore	C Whitiskie	Voluntary	<u>S Meikle</u>	S Watson*	R Isemonger		
8-Dec-24	R Reichardt	M Plant	Voluntary	<u>G Wills</u>	A Van Zon*	J Bickers		
15-Dec-24	D Housley	R Shearer	Voluntary	<u>D Black</u>	M Luxton*	P Dowdeswell		
22-Dec-24	J Lankow	M Vickers	Voluntary	<u>B Aickin</u>	R Souter*	T Lawrence		
29-Dec-24	-----	Xmas / New Year Break	- No Roster in Operation -					-----
5-Jan-25	-----	Xmas / New Year Break	- No Roster in Operation -					-----
12-Jan-25	M Moore	S Watson	Voluntary	<u>B Aickin</u>	R Crook*	J Bickers		
19-Jan-25	R Reichardt	B Matchett	Voluntary	<u>P Dowdeswell</u>	M Luxton*	R Isemonger		
26-Jan-25	I Ashley	R Shearer	Voluntary	<u>T Lawrence</u>	K Ryan*	M Vickers		
2-Feb-25	D Housley	A van Zon	Voluntary	<u>S Meikle</u>	R Souter*	S Watson	T Mcdonald	
9-Feb-25	M Moore	G Farquhar	Voluntary	<u>G Wills</u>	S Watson*	R Isemonger		
16-Feb-25	R Reichardt	B Matchett	Voluntary	<u>B Aickin</u>	R Crook*	T Schaw	M Schaw	
23-Feb-25	I Ashley	R Shearer	Voluntary	<u>P Dowdeswell</u>	M Luxton*	K Ryan		
30-Feb-25	D Housley	A van Zon	Voluntary	<u>T Lawrence</u>	R Souter*	J Bickers	T Mcdonald	

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.

CLUB NOTICES

ASME ANNUAL GENERAL MEETING

ASME's Annual General Meeting is scheduled for 3rd December at 07:30pm at the ASME Clubroom.

Model Engineering Journals

ASME has an extensive range of Model Engineering Journals (ME and MEW) in the library, managed by Mark Luxton. The collection goes back to the first editions. However as new copies arrive binding takes a while, so the latest may not be available for a while.

If you would like to read the latest edition, they are free to borrow electronically from Auckland Public Libraries. The easiest way to borrow them is using the LIBBY app. If you are a member of the Auckland Library System (anywhere in the SuperCity), this gives free access to an ME and MEW e-sub. If you encounter difficulties take your device (an iPad is ideal) into any Auckland Library Branch.

Please let the editor know if you have been using this service successfully, or have encountered any difficulties.

Model Engineer Magazines available for free

Bill Morris is decluttering his home after having moved and has an extremely extensive collection of Model Engineer Magazines from between 1976—2010. Although many of them are available for free online, would anyone be interested in having a physical copy of them for personal holding? These would be available as an all-or-nothing supply—not to pick and choose between some of them.

Unfortunately there is no where for Bill to store them, so failing in locating an interested collector will likely result in the destruction of the magazines. If you are interested, please contact Dave Housley.

ASME EXHIBITION

It was so fantastic to see everyone turn up to showcase their models and to also help run the exhibition! It's been too long since we last had one and I am so proud of how hard everyone worked to make it a success this year!

I'd like to thank Dave Giles and Mike Orange for their expertise as judges for this prestigious event. The winners of our exhibition are as follows:

Jack & Ethel Hocking Cup: Mike Jack—Black Five Locomotive

Kresta Cup: Mike Jack—Press Brake

ASME Shield: Steve Watson—Milling Jacks

Committee Cup: Matthew Schaw—Air Engine

Peter Baker Memorial Trophy: Bruce Cooper—LMS Locomotive (Paint and Rebuild)

Less Fitt Memorial Award: Evan Lewis—Gold Stamping Machine

Concours d' Elegance: Bruce Cooper—BJAX Rebuild

Beginners Medallion: Matthew Schaw—Air Engine

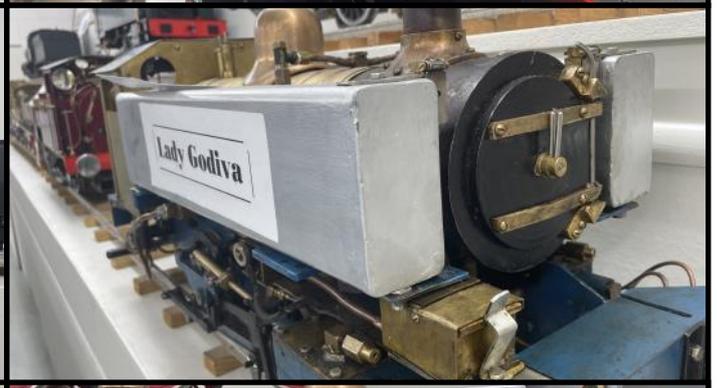
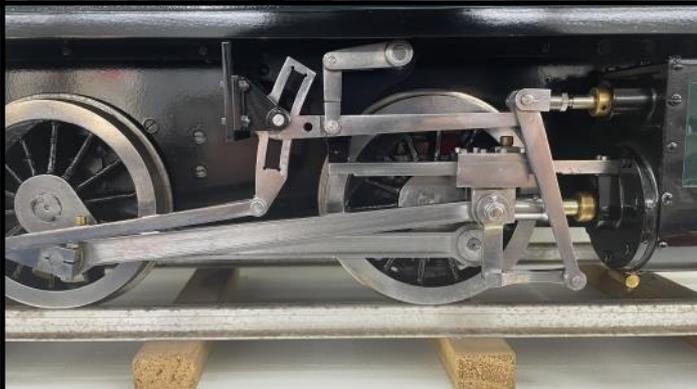
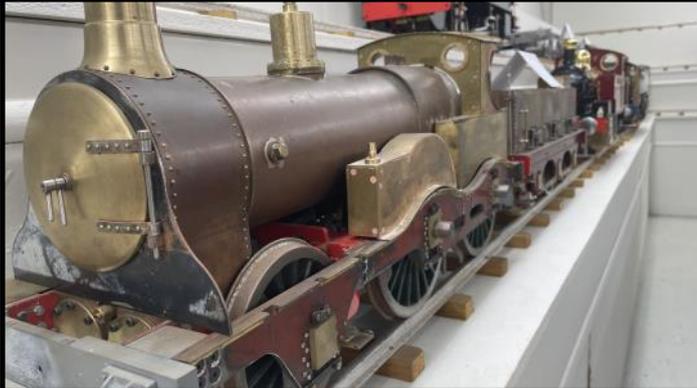
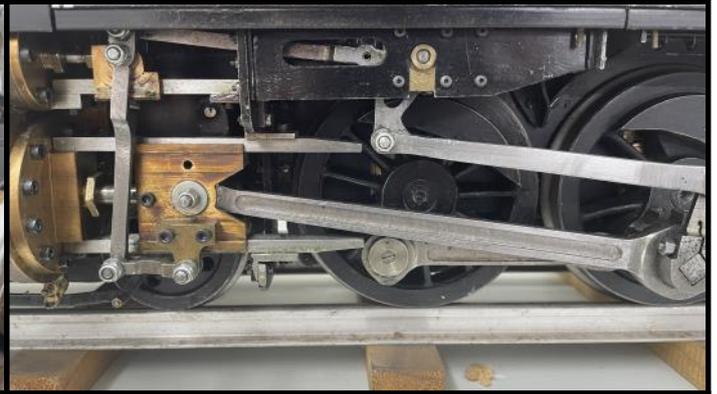
Thanks to everyone who participated in the exhibition and I look forward to seeing your submissions for next year!



ASME EXHIBITION



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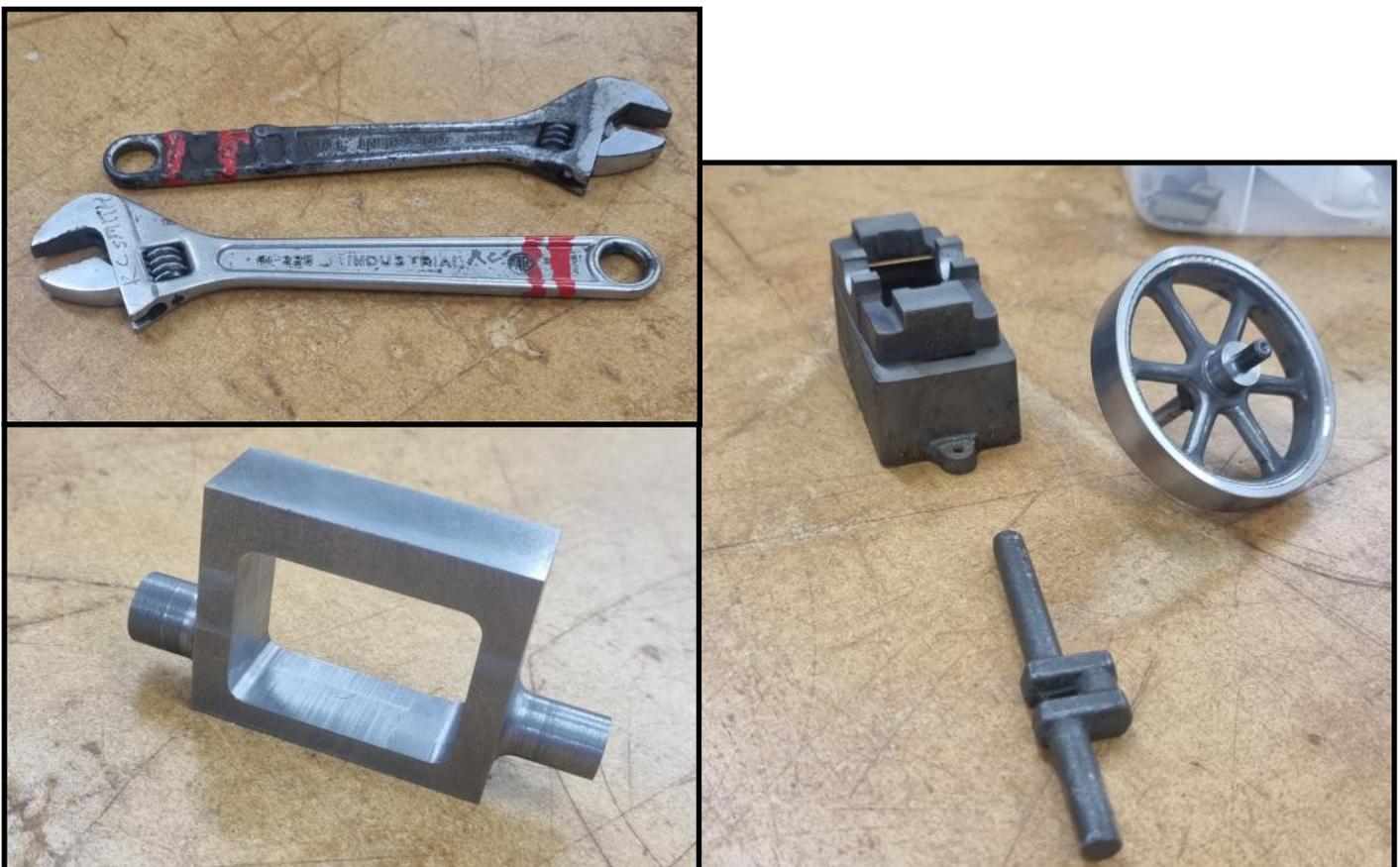
Workshop Night

The usual suspect assembled for another workshop night. Murry Hollis brought in a electrical jigsaw piece hoping it could be identified but his luck was out as we are mechanical engineers the item was definitely pre transistor technology maybe for the aviation or naval origins unfortunately there is no photograph of it perhaps he will bring it to the AGM/General meeting night.

Roger as always observant asked is there any reason for right hand and left hand threads on shifty /adjustable /crescent spanners or is there any convention the only fair answer was you can tighten the two spanners if using both hand to tighten a nut and bolt and simultaneously using both thumbs to adjust the spaners to the nut and bolt head . (we didn't google it). Also on the table was parts to his 10V Stuart Steam engine as he is making a start on it and enquiring advise on turning the crank shaft.

Steve presented his steam chest made from solid as his cast ones were difficult to clean up at each end near the valve stem spigots. He was well impressed of the performance from his recent purchase of a Bridgeport mill

Mike Jack explained the processes he went through when he bought his shaper and renovated it which was a worthwhile exercise going into detail the operation of its internals. He also showed us the form tool he had manufactured to make miniscule grease nipples to scale also with a profile of the ball bearing seal in the top of the nipple.



BITS & PIECES



Bob has made further progress with his Heisler and attached a motor to it. Bob has also attached the couplings to the frame and he believes it can get around a 1.5m radius—far tighter than anything on our railway! As a comparison, an 0-4-0 Bjax is designed to work on a minimum 12m radius. Bob has also supplied some paper details about the design. At this point to test it, he just needs a controller to hook up the battery so it can run at 12v and up to 19 amps!



Greville has brought in his weed eater which came to a screeching halt. He has had to replace the ball bearings in the bottom, most of which had fallen apart. There was only one left. For \$6, he's managed to get it going again!



Steve has been working on his Kea Bjax for the past four-five months. The wheels have now been attached to the frame and the cylinders have been bolted as well. Some things only needed to be built once... other parts a few times. He's got a box of half built pieces in his workshop—almost enough to build another entire Bjax! Dave has been a fantastic help with it.



Grant has supplied some wheel and crank pins that is spare for his locomotive. Years ago on his Bjax, he made a load of new pins and made them double nitride. With some heat treatment, there's no evidence after hundreds of kilometers of testing. He's since made new crank pins for his Phantom as the current ones are starting to wear out.