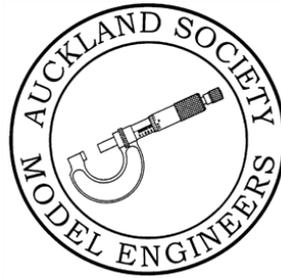


AUCKLAND SOCIETY OF MODEL ENGINEERS INCORPORATED
PETERSON RESERVE, PANMURE, AUCKLAND
PO Box 14570, PANMURE, AUCKLAND 1741, NEW ZEALAND



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THE **MICROMETER**

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Train Roster

Date	Electric Driver	Electric Driver	Train Controller	Station / Guard	Station / Guard	Station / Guard
October 2013						
6th	D Moffat	M Moore	<u>D Black</u>	I Lyons	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	G Quayle	R Brown*
November 2013						
3rd	B Cotton	P Dowdeswell	<u>G Wills</u>	J Burnett	J Clarke	R Copeland*
10th	M Granger	M Hollis	<u>G Anderson</u>	R Crook*	J Davies	G Dickey
17th	D Housley	S Meikle	<u>M Orange</u>	A Foster*	D Gulliver	G Healy
24th	D Moffat	M Moore	<u>B Piggott</u>	P Jones	J Lankow*	D Leybourne

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	
1 st October	General Meeting. Annual Club Auction
5 th October	General working bee and track reassembly.
8 th October	Committee Meeting
15 th October	Workshop night at the clubrooms

President's Report

October 2013

Work on the Track & Trolley project is progressing with parts for the riding trolleys made by members & steel for the track still being cut and machined. The contractor starting on the first 100m of the concrete base for the track on the week starting 23rd September, So on Sunday 22 after club running a team of members will have moved 100m of track in bits. So that the contractor can make a start. We will not be running on the 29th September. The plan weather etc... So at the working bee on the 5th October the track will be reinstated on the new concrete base ready for public running on the 6th October.

I will give you a more detailed time line and state of project next month.

At the annual club Auction on 1st October please put your name on the items you are selling even if it is a donation to the club.

Timothy Robinson

President

17th September 2013

Update on the Track

This is a further update on progress on the Track & Trolley Project. We have asked for the balance of the funds donated by the Mt Wellington Foundation Ltd to be paid into the Club's bank account and expect receipt of this by the end of September. This amount will fund the 5 sections, each of 100 metres, of concrete pathway under the track.

All the required data from the Survey has now been received. It has provided an accurate plan of the existing alignment and the chainage (running track measures 652.024 metres) together with a longsection showing heights of the track, generally measured at every second block. We also have a plan showing where all the permanent reference points are, so that we can come back at a later date for any further set out work.

The contractor laying the first section of concrete should be well under way by the time you read this – the section being done is the “old” track from the three way bridge up to the long tunnel entrance and the “new” track from the pond trestle bridge to the entrance of the short tunnel. Bob Aickin has placed pegs for the contractor to follow, before the track is removed. The goal is to achieve a common grade on each part of these two climbs, rather than the undulating variations that exist now. Based on the survey information we have, the ruling grades will become 1 in 70 and 1 in 58 respectively! No wonder the locos notice the climb, especially with the curves being at 14 metre radius. It is expected that this section of track can be replaced at the October working bee, so that we should only lose one days running (on 29th September) if all goes to plan.

The group of members working to cut up the steel to be used for sleepers have made great progress – to date 2427 of the required 3955 are completed and in the basement, with another 814 out at members homes being worked on – in total this is 82% of the number required for the Project done in 2 and a 1/2 months. Timothy is working on a jig to enable welding of the sleepers to the rail to commence soon. We would still like to hear from you if you can help with the welding of the track.

The group of members working on the bogie components for the new trolleys have now completed their work and the first assembled bogie was on show at the September general meeting. The rest of the bogies should be assembled by the end of the month. The sub-committee members visited the trolley body manufacturer last week to check the design and to cover off the changes required for ASME – we await his firm quotation but hope to be able to place an order for the 8 trolley bodies by the end of September.

The next section of concrete to be laid will be on the new track from the top of the long tunnel to the start of the trestle bridge. Once this is done, it is intended to reconnect the old track up so that work can commence on the conversion of the new track without loss of running days; running taking place on the old track only.

Many thanks to all members who have assisted with the work so far; if more members can make themselves available it will spread the load, help keep costs down and ensure we met the timetable for completion– please let one of the T & T Sub-Committee (Timothy, Greville or myself) know if you can help in anyway.

Grant Anderson

18th September 2013

Bits & Pieces

Conducted by Greg Burrows, Reported by Dave Russell

The first item of the night was a machine from our resident inventor Graeme Murray. It was made to strip the ends of fine copper wire coils used as heating coils. Graeme was able to demonstrate the machine working with the usual mechanical finesse that we have come to expect from Graeme.

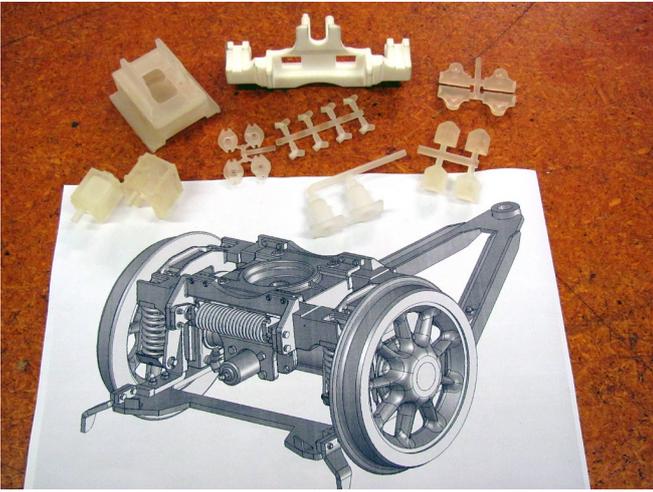


I brought in a forward - off - reverse switch that I had just obtained through ebay in Australia. The switch came from China and cost A\$14 with \$2.50 for postage, landed for under NZ\$20 dollars.

Trevor Taylor had brought in a DVD that he has offered to loan if anyone is interested. The DVD was on "Le Shuttle", this is the side of the Channel Tunnel operation that carries trucks and freight through the tunnel, looks like a very interesting watch.

Trevor has also made a V block for holding round material on while you are drilling a hole precisely through the middle.





Mike Jack has finished drawings for the BR standard from bogie shown here with the patterns to make the lost wax castings for the bogie parts. Mike says as the bogie is common to a number of standard class BR locos he is considering offering a kit of just the bogie parts.

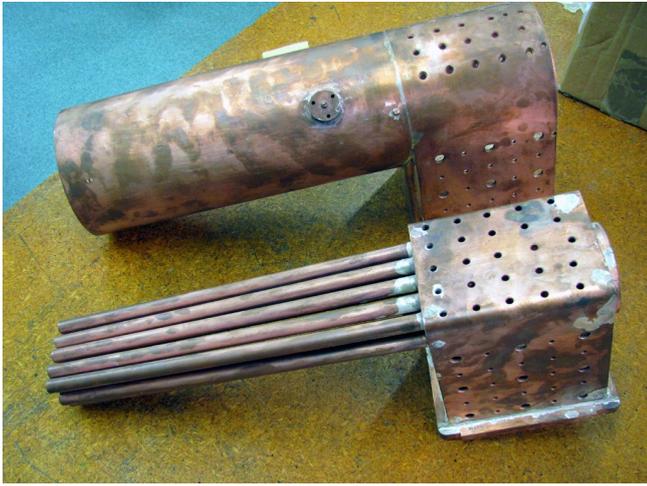
Joining a band saw blade is a bit of a skill and Greville Wills brought in the jig he uses for the job. Greville explained that past member Dave Watts taught him how to do this tricky job. Some discussion ensued on the different types and brands of blade available with some obviously not as good as others.



With Peter Woodford offering to make the 64 axle boxes for the new 7-1/4" club passenger trolleys he needed to make a fixture to hold the material on for the various machining operations. Pete was able to use the CNC machines at his place of work in between jobs.

Peter also made the shown modification to fit the rear of a collet enabling a stop to be set allowing long items to be accurately finished to an exact length. The items in this case were the steel bar spreaders to join the two frames of the new club trolley bogies.





This fine boiler is being built by Graeme Quayle for a 2" Fowler Traction Engine. Graeme brought it in so that the boiler inspector could have a look at it before he continues putting it all together.

A complete bogie for the new club passenger trolleys has been assembled by Tim Robinson to show how progress is going on this job. All the parts to make the 16 bogies have now been made by various club members. Tim also had on show a kit of parts to make the vacuum brake cylinder, the kits have come from England.



Greg Burrows continues to bring some fine parts for the 7-1/4" loco he is building, this month it is the steam supply connection pieces, these have been designed to enable them to be assembled or disassembled in place between the cylinders of the locomotive.

Lastly also from Greg was a selection of various shaped homemade cutters, these had been made so that the section of aluminium channel shown could be machined from the solid.



Fun Day & Mini Expo

Owing to the work-load on club members with the Track & Trolley project, and a shortage of people to organise the exhibition, we are trying something different this year, given that turnout has been flagging in recent years.

In place of it we are arranging a one day Mini display and Judging plus a **Club Fun Day** to be held on Saturday 16th November 2013 – from 10:00am through 4:00pm with a BBQ at 5:00pm. To which all club members, wives & or partners are invited.

Members who wish to bring, an item or more, please bring them to the clubrooms in the morning before 10:00am. Judging for our Annual awards will take place during the morning and the awards will be announced at the BBQ as we will not be having a Xmas dinner this year.

Loaned Tape

Ron Copeland thinks he has loaned his VHS tape of The raising the Kursk story and the Boeing Factory.

If anyone has it could they contact him on 445 8390