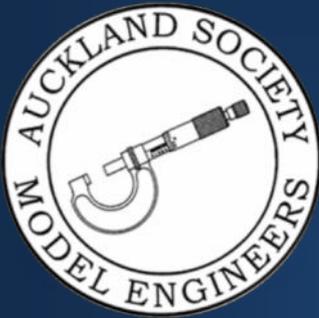


AUCKLAND SOCIETY OF MODEL ENGINEERS INCORPORATED

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THE MICROMETER

REGISTERED NEW ZEALAND PUBLICATION

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Greville while reverse running on Grant's "Hotpot" at the club's March fun-run.

Train Roster

Date	Electric	Electric	Steam	Station	Station	Station	Extra Guard
1 st April	P Haycock	M Hollis	<u>G Anderson</u>	B Currie	G Dickey*	A Foster	
8 th April	D Housley	P Moy	<u>G Bell</u>	D Gulliver	D Hamp*	G Healy	
15 th April	M Plant	<u>T Robinson</u>	L Farquhar	P Jones*	G Kemp	J Lankow	
22 th April	P Woodford	I Ashley	<u>T Lawrence</u>	D Leybourne	M Luxton	I Lyons*	
29 th April	D Black	D Booth	<u>M Orange</u>	H Martin*	S Meikle	C Mitchell	
6 th May	B Coton	P Eaton	<u>B Piggott</u>	G Murray	J Olsen*	W Parker	D Moffat
13 th May	M Granger	R Hannah	<u>D Russell</u>	G Quayle*	R Reichardt	M Richardson	
20 th May	P Haycock	M Hollis	<u>G Wills</u>	K Ryan*	A Shirley	R Stratton	P Dowdeswell
27 th May	D Housley	P Moy	<u>G Anderson</u>	R Street*	T Taylor	P Tomkies	R Smith

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

Club Calendar

ASME Events	
3 rd April	General Meeting - the speaker will be Michael Cryns who will talk about the restoration of the 1894 built Auckland Public Library and Art Gallery clock, including a slide show – Part 1 this month to be concluded at another meeting later in the year.
10 th April	Committee Meeting
17 th April	Workshop night at the clubrooms
General Events	
6 th - 9 th April	Havelock North 20th Anniversary & Open Weekend
21 st - 22 nd April	Canterbury Steam Preservation Society, "Steam Extravaganza".
19 th - 20 th May	Thames Small Gauge Railway Open Weekend.

Presidents Report

April 2012

Following on from last month, more members have been invited to work on sub-committees set up to investigate and plan for the Track & Trolley project. A "rail" sub-committee (advising on how best to add the extra rail and put it all on the ground) has been formed by Greg Burrows, Bruce Piggott and Mike Orange - we are fortunate that these members who have considerable experience with ground level track have agreed to advise ASME. Greville Wills and I will look after costings and funding, although we may need to call for some additional help – let me know if you are interested. I will continue to keep you up to date on progress as the sub-committees move through their various stages of the project.

The Committee continues to be focused on the outstanding issues from the MEANZ audit of our miniature railway undertaken last November as we are keen to have matters remedied by the time the safety auditors make another visit, expected soon. We have allocated work, still to be done, to various members. Alan Gasteen has made good progress on the rolling stock WOF checks (both trolleys and locomotives) and the Tuesday Club is working through several items, including dealing with some corrosion on the

three way footbridge. A number of new forms have been developed to record the work done, as seems the norm with most safety systems today! I am keen that ASME's application for registration under the Amusement Device Regulations be made just as soon as these audit items are cleared and we can organise for the "competent persons" review.

An invitation for the Club to mount an exhibition stand at this year's EMEX trade show in early May was given full consideration by the Committee. It is concerned that the amount of hours required to prepare, set up, man the stand and break down afterwards would be a considerable diversion of time away from important work that needs to be done at the Club this year. It is also concerned that an exhibition of this scale would likely detract from the ASME exhibition, which of course also doubles as our annual judging event; it was noted that the quantity of exhibits at our 2010 exhibition following on after EMEX 2010 was down on previous years. Although the EMEX show would be available to ASME at little dollar cost, EMEX's audience is limited to trade professionals from selected industries, with the public (families and children) being excluded - as such the show has limited promotional appeal in the committee's view to our target audience as a community-based charitable club.

Another successful "cribwall" working bee was held at Tony Lawrence's yard in New Lynn on 17th March. Tony had poured concrete into some of the polystyrene moulds for the T-bones and timber moulds for the straight sections the day before, so the first job for the team (Clyde Mitchell, Mark Luxton, Dave Russell, Timothy Robinson, Pete Woodford, Tony and myself) was to break these items out and then clean up the moulds. A small section of trial wall from these new items was laid out to check that we were heading in the right direction - fortunately thanks to Tony's skill and knowledge in this sort of work, these looked great. Then concrete for another batch of both types was mixed and poured into the moulds, with plenty of vibration. By the time you read this we should have completed a further working bee to repeat this work programme but will require several more still as we need about 150 straight sections and 300 T-bones; this will give ASME some spares. So if you can help out one of these working bees, please give Tony or myself a call (or email) so we can plan resources and more workdays over the next month or so. An advantage of coming along is that one learns some new skills - as usual, simple when you know how! (I apologise that I omitted the name of Pete Tomkies from the list of members attending the February working bee in my report last month)

The Safety Committee provided a comprehensive report to the Committee on the two incidents which occurred on the Panmure Basin Festival Day; some additional investigation has been requested in relation to the A & G Price trolleys which were involved in the second incident. As a precautionary measure, these trolleys have been sidelined for possible modifications and/or repairs, so please don't use them for public running until we advise that they are cleared as fit for general use. Thanks to all the members who provided a prompt report on these incidents.

As you will no doubt have noted at home, power costs have been rising sharply of late. We are reviewing the power supplier for the Club after receiving another price increase notification. Please do whatever you can when at the Club to conserve power by “switching off” whenever possible.

The members “fun run” held on the afternoon of 17th March was well attended. After some general running, we had a hour or so of competitions (timed circuit, slow run and maximum tractive effort test) and an hour of reverse running (something we have not done at the track for more than a decade – it was like being on a whole different circuit); this was followed by some tests with the “Ec” electric train set which proved an uncontrollable “runaway” with our electric trains is not possible. Alan Gasteen also completed some locomotive WOF tests on the steamers that were present. After the running, a BBQ meal was enjoyed – thanks to Greville Wills for organizing the supplies and for the cooking; and to Jan for cleaning up after.

On the YouTube front, check out <http://youtu.be/uGXTRbVL3cg>. Nice interview Brian!

We received a donation from the Scale Marine Modelers as a result of the success of their exhibition in our basement in January. We have also received a letter from the Hamilton Model Engineers regarding some matters at their club which we have pinned to the notice board in the Clubrooms for our members’ information.

Jan and I had a nice ten day holiday in late February travelling around the Hawkes Bay and Gisborne area. While in Gisborne, I called on our country member Joe Campbell, who kindly treated me to a workshop visit “extraordinaire” and a nice cuppa. I will have a report and some photos for the next Micrometer.

The weather is getting cooler and even wetter as I write this; these conditions must be conducive for spending time in the workshop on your model engineering projects – so go to it!

Grant Anderson

(20th March 2012)

Around the Clubs

April 2012

Conrod, Otago, February 2012 - www.omes.org.nz

News from the various groups, photos of the track and the exhibition. Some thoughts on various ways of producing wheels - casting, laser cutting and water jet. Some research into the possibility of running locos on rice husks.

Engine Booster, Los Angeles, January 2012

Great cover photo of the new station, looks very grand. A couple of photos of steam tractors and one that is set up to make ice cream. Should be a popular attraction.

Blast Pipe, Hutt Valley, February and March 2012 - www.hvmes.com

Cover photos of a 7 ¼" WAB by Dennis Searle, Peter Carr's 3" Burrell, Dave Turner's 3" Case and Ross Johnson's Stuart launch engine, all beautifully presented. A number of photos of unusual engines and a write up on the Convention. An article on John Olsen's steam boat. A South African Class 19D model for sale. Some thoughts on parallel links.

Wheels and Floats, Tauranga, January/February 2012

Photos of the track in action. Some history of braking systems. Comments on the Convention and some funnies

Expansion Link, Hamilton, January and February 2012 - www.hme.co.nz

Photos of the track in action with the Kiwi Rail loco doing great work. Proposed trip to Thames and Coromandel.

Mailship, Auckland, January and February 2012 - www.marinemodellers.org.nz

Interesting stories on the recovery of the Niagara gold, the failure of a windmill, the Hydrographical school and the Severn Class Lifeboats. All good reading. Story and photos of the Exhibition held in the basement.

Mixed Traffic and Railscene, Wanganui, February/April 2012 - www.railwanganui.weebly.com & www.steamrailwanganui.co.nz

Great cover photo with the river boat going under the bridge and the J hauled train going over it. Visit from the Vintage Car Club with all manner of related attraction. Signal box moved. Model Deltic, the No 12 restored tram ready to roll, hopes to run it around near the riverboat centre subject to Council ap-

proval. DBR locos visit for shunting duties. Letter from a member who is training with Kiwi Rail to be a shunter at Palmerston North

Model Torque, Napier, January 2012 - www.hbmes.pizco.com

Track running going well helped along by the loan of some bouncy castles, a candy floss machine and a coin operated vintage car ride. Note change of address for the secretary, now is n.mcphee@clear.net.nz the 50th event to be held at a later date. Sobering reading on boiler explosions in the 1700's and the 1800's particularly on steam boats.

Southern Rails and Sails, Invercargill, February/March 2012

Club news, how to make chimney bases and how to dispose of LiPo batteries. Good article on the cuttings made when the tunnels were daylighted.

Big Wheel News, Victoria, January/February 2012 - www.slsv.com.au

Track work progressing well, cunning idea to have a Steam Oil Dispensing Station to keep the mess down. All you wanted to know about Harold Clapp. Road testing a rotary table.

Slipstream - Auckland Model Aero Club, February 2012

Lots of photos of model aero engines through the ages. Plenty of good reading covering all types of models. The Lush Family Awards have been made to the MOTAT volunteers, one to Brian Stanish for his work in the aviation section and one to Murray Lane for his service to the steam section

Alan E

Classifieds

For Sale

Castings, frame and buffer angle steel and drawings by Reeves for Martin Evans design of "Jubilee" 3 1/2" scale 2-6-4T locomotive.

For further details please contact Ian Davis.

Phone: 09 238 9796

Mobile: 027 483 9008.

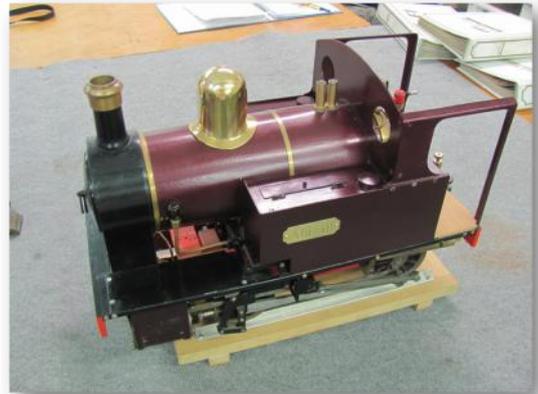
Email: ian.hazel.davis@xtra.co.nz

Bits & Pieces

6th March 2012

Hosted by Mike Orange
Reported by Roger van Ryn

Pride of place this evening has to go to Bob Aickin's 0-4-0 loco, "Abigail". It's basically a "Rail Motor" to Don Young design, circa '68. Bob says "Abigail" is a Hebrew word for "Fathers Joy". A round of applause from the members signalled a "welcome" to Abigail and may her father have many years of joy. I'm sure the public would also enjoy to see her on Sundays, pulling happy children, hint hint.



"Incredulous" may be the best way to describe the "peeled" open casting, from a Digger, that Gary Farquhar brought in. When asked "how'd he do it!?" the driver innocently responded, "nothing really". Yeah Right.

Graeme Quayle's vintage "Stuart V7" is different. The cross head is square and the valve stem has a support arm, these and other features being dropped on their "7A" models. A pleasing, interesting model.

Graeme also brought in the set of brass castings for a scale water pump to be driven by the 7.



If you are interested in buying a "quick change tool-post and holders" for a Myford-size lathe, contact Greg Burrows. He has too many.

Also for sale was a "Clarkson Arbor-size 40", contact Graeme Healey if you are interested.



Another "find" from the car-boot/garage-sale department, was a "watisit?" from Murray Hollis. Some people worked out "its a tool for sharpening the grind-stones used to grind your cars valve-seats, if you still do that sort of thing"... well there are a few who still do that sort of thing... our president for one? It has a diamond that you use to face the 'stone to the correct angle of the seat.

Murray Lane has been researching a very interesting lathe which he is refurbishing for Motat. Its a "combo" ornamental-turning lathe/tool-makers lathe. It has a myriad of possible uses, including threading, which ornamental-turning lathes dont normally do, apparently. Murray had the dividing gear and the indexing lever on the table with some printed articles showing the lathe. I think it's a "Millar(?)" lathe of about 1890.



Graeme Quayle had his snail-type threading tool with the "auto-flip-up when you reverse the lathe to start a new cut without loosing your start point" feature. It works really well apparently, as the back-lash is taken up in the operation.

Hugh Martin presented a video on "The Great Port of London". Pictures sure do tell a thousand words. Personally, I have never seen so many ships and cranes working together, in life or movie! 60 000 ships per year, 1500 cranes, 11 miles long, myriad docks, queues miles long, ships being unloaded three abreast, a scene of amazing activity! Well worth doing a bit of "industrial archaeology" watching this video, enjoyed by all.

Rog.

Working Bee

March 2012

The job for this working bee is making retaining wall pieces that are not commercially available any more to match those at the track.

Wire cut foam moulds for the dog bone pieces ready for the concrete to be poured.



The mould for the long sections being prepared with the secret recipe release fluid prior to pouring concrete.

Time for a break after pouring the dog bones.



The straight sections have now been poured also.

Peter Woodford turning his hand to removing straight sections after they have set.



"The Teacher" Tony stands behind a mock up using the pieces made.

Pieces set aside to cure for a while.



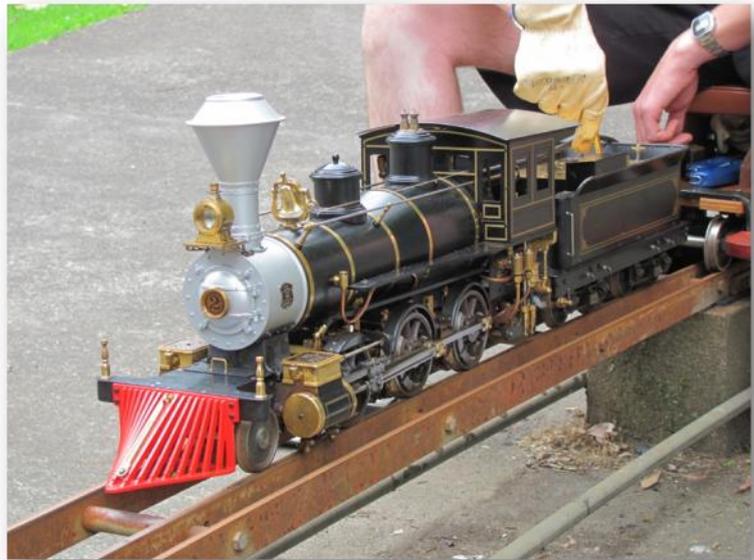
Club Fun-Run

March 2012



Scott Meikle's Speedy, "Gonzales"

The Purdy's OS "Porter"



Peter Tomkies steaming up his
NZR 'A'

Bruce Piggott on "Harold"



Scott Meikle with Dave Housley on "Gonzales"

Dave Russell & Tim Robinson on "Dover" - reverse running on the track





Greville on Grant's "Hotpot" - reverse running on the track



Alan Pritchard on "EC"



Dave Russell, Tim Robinson & Grant Anderson on "Dover" - reverse running on the track

March Fun-Run Results

Competition 1 - Nominated Time

(Time to do 1 circuit of the track)

Driver	Loco	Run Number	Nominated Time (Mins:Secs)	Actual Time (Mins:Secs)	Difference (Seconds)	Placing
Hayden Purdy	OS Porter	2	4:10	4:10	0	1 st =
Grant Anderson	Hotpot	2	4:00	4:00	0	1 st =
Hayden Purdy	OS Porter	3	4:10	4:11	1	2 nd
Dave Russell	Dover	3	4:00	3:58	2	3 rd
Grant Anderson	Hot Pot	1	4:00	3:50	10	4 th
Hayden Purdy	OS Porter	1	4:10	4:28	18	5 th
Scott Purdy	EC Loco	1	3:45	4:08	23	6 th
Scott Purdy	EC Loco	2	3:45	4:13	28	7 th
Dave Russell	Dover	2	4:00	4:29	29	8 th
Peter Tomkies	NZR A Class	1	4:35	4:00	35	9 th
Bruce Piggott	Harold	1	3:30	4:07	37	10 th
Scott Purdy	EC Loco	3	4:15	9:15	300	NC
Dave Russell	Dover	1	4:00	9:00	300	NC

Competition 2 - Slow Running

(Time taken to do the longest run without stopping from two points)

Driver	Loco	Run Number	Time (Mins:Secs)	Penalties (Seconds)	Overall Time	Placing
Electric						
Scott Purdy	EC Loco	1	222.0		222.0	1 st
Steam						
Grant Anderson	Hotpot	2	90.0		90.0	1 st
Bruce Piggott	Harold	2	75.9		75.9	2 nd
Dave Russell	Dover	2	69.0		69.0	3 rd
Dave Russell	Dover	1	58.5		58.5	4 th
Bruce Piggott	Harold	1	57.7		57.7	5 th
Peter Tomkies	NZR A Class	1	54.9		54.9	6 th
Grant Anderson	Hotpot	1	98.0	-60.0	38.0	7 th

Competition 3 - Draw Bar Pull

(Scales are attached to the draw bar of the trolley, and the max weight pulled is recorded)

Driver	Loco	Pull (Kg)	Placing
Bruce Piggott	Harold	23	1 st
Grant Anderson	Hotpot	22	2 nd
Dave Russell	Dover	19	3 rd
Peter Tomkies	NZR A Class	14	4 th
Scott Purdy	OS Porter	8	5 th

Notes From the Editor's Desk

BOC URGENT RECALL

BOC's urgent recall (dated January 2012) of MAP PRO, Super Ego and Tradeflame Gas cylinders, manufactured by Worthington in the USA and sold by BOC (Part Nos 35663, WMC-US 211056, 211067 & 35490U) due to the gas cylinder not resealing properly once the torch has been detached. If you have any of these cylinders, it is suggested you contact BOC Customer Services for advice **(0800 111 333)**.

Train Drivers

A reminder that all drivers on the ASME track need to remain vigilant while driving on the track - remember, "SAFTEY IS NO ACCIDENT"!

Be Identified with Club Apparel

ASME dress shirts available by order. Club embroidered 60mm dia. sew on badges. Ideal for your driving overalls at \$10.00

Contact Hugh Martin; Phone (09) 536 4544

Hayden Purdy

Editor