

# The MICROMETER

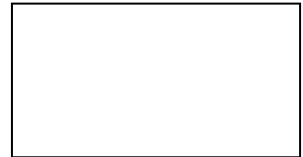
THE AUCKLAND SOCIETY OF MODEL ENGINEERS INCORPORATED  
Peterson Rd Reserve, Panmure, Auckland  
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Club Web Site [www.asme.org.nz](http://www.asme.org.nz)

**Number 534**  
**April 2009**



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REGISTERED NEW ZEALAND PUBLICATION

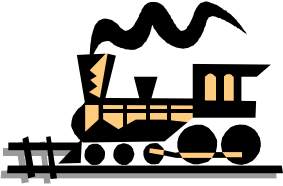


**In this edition**  
**Myford's 3<sup>rd</sup> ML7**

RETURN ADDRESS  
ASME  
PO BOX 14570  
PANMURE  
AUCKLAND 1741



**Passenger carriage under restoration at GVR**



# Train Roster

Date	<u>Electric</u>	<u>Electric</u>	<u>Steam</u>	<u>Steam</u>	<u>Station</u>	<u>Station</u>	<u>Station</u>	<u>Extra Guard</u>
5-Apr-09	J W-Buys	J Yearn	<b><u>M Jack</u></b>	--	A Shirley	R Stratton	<b>R Street*</b>	
12-Apr-09	D Black	D Booth	<b><u>B Piggott</u></b>	--	T Taylor	<b>A Watson*</b>	A Whillans	
12-Apr-09	A Cotton	R Craig	<b><u>A Pritchard</u></b>	--	I Ashley	P Boyes	R Brown	
19-Apr-09	T crake	P Eaton	<b><u>D Russell</u></b>	--	<b>J Burnett*</b>	R Crook	P Cunningham	J Cunningham
26-Apr-09	M Granger	J Harrison	<b><u>R Van Ryn</u></b>	--	G Dickey	<b>A Foster*</b>	W Green	
3-May-09	D Housley	S Locke	<b><u>G Wills</u></b>	--	D Hamp	R Hannah	<b>G Healy*</b>	I Hansen
10-May-09	J McManus	P Moy	<b><u>G Anderson</u></b>	--	<b>M Hollis*</b>	P Jones	T Lawrence	
17-May-09	M Plant	T Robinson	<b><u>G Bell</u></b>	--	D Leybourne	W Lord	<b>I Lyons*</b>	
24-May-09	J W-Buys	J Yearn	<b><u>L Farquhar</u></b>	--	H Martin	S Meikle	<b>G Murray</b>	
31-May-09	D Black	D Booth	<b><u>A Gasteen</u></b>	--	E North	<b>J Olsen*</b>	W Parker	

Please Note: **The Blind Foundation - Support for training a guide dog is on 12 April, so an extra roster (the first row) has been added for 10am through 1pm.**

**Bold and Underlined** name – 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 – 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 tickets previously sold.

**Important Notice** RE: The alarm at the clubrooms. The code word if you are at the clubrooms and called by the security company is "AS ME"

## Club Calendar April 2009

April 7 <sup>th</sup>	Monthly General Meeting
April 12 <sup>th</sup>	Blind Foundation, Guide Dog running day. All day at the track.
April 14 <sup>th</sup>	Committee Meeting
April 18 <sup>th</sup>	Working Bee at Track / Clubrooms, bring a Shovel, Wheelbarrows also required.
April 21 <sup>st</sup>	Beginners Night at Graeme Murray's, 41 Beechdale Cres, Pakuranga

## Derek Simons

It is very sad to inform you all that Derek passed away on the morning of Saturday 21<sup>st</sup> March 2009. Derek was a great contributor to ASME, especially at the monthly meetings where his "Bits and Pieces" commentaries were particularly memorable. I also greatly enjoyed hearing Derek talking about his career experiences and his ongoing expertise with cine projectors. He will be greatly missed, may he Rest in Peace.

David Black

## Graeme Wilkinson

Graeme and his wife have sold their home and are moving to Taupo at the end of March. The members of ASME would like to formally thank Graeme and Dorothy for all their help at the club over the years.

## Presidents Report

As mentioned at the last club meeting, we have received an invitation from Manukau Live Steamers to a Fun Day they are organising, for 3 ½ "and 5" gauge engines only. This is being held on Saturday 25<sup>th</sup> April (Anzac Day). This is a great opportunity for our members to have a play on another track. I have put a notice in the newsletter giving further details and will be seeking a response at the April meeting for those wishing to attend

so we can advise Manukau of numbers for their catering. I encourage you all to provide a good turn out to this event and show them our support.

The Jubilee planning is progressing and we have created a new email link called [jubilee@asme.org.nz](mailto:jubilee@asme.org.nz) This we will be using for any inquiries and registrations etc in the coming months. The committee is conscious that October will be here before we know it and consequently, we are "cranking" up the planning and will be seeking willing volunteers for various tasks in the very near future. Dave Russell has also spent a lot of time updating our club website which I suggest you have a look at and we would welcome any constructive comments.

Also at the last club meeting we were looking for a librarian for the club nights. I am pleased to advise that we have had two volunteers Alan Gasteen and Arnold Watson will be the librarians. Again I back up what Murray Lane said, that the library is there for your benefit. You may not need a book for a current project, but browsing through a book can inspire you into another project. Again we must spell out; any book taken from the library MUST be issued through the librarian and returned to him when due. There is no self help.

In my last report I sought volunteers to make an advertising sign that we could put up at the Glenbrook Station advertising our club. I had four people respond - Arnold Watson and Dave Russell along with his father in law arranged the timber and made the sign and Grant Anderson painted it. Ross Crook provided the paint to the correct colour. A great team effort - thank you. It was ready for the Thomas weekend, albeit that I hung it on the station wall, on the Saturday morning, still with damp paint, just as the first train pulled into the station. It may have had an instant result as I am advised that on the Sunday we took several hundred dollars more than average.

One of the visitors at our February meeting was Martin Sams, President of the Carlisle Model Club in the UK. I received this email from him

*Dear Gary*

*Just a rather belated note to say thank to all the members who were so hospitable to me on my visits to your site at Panmure Basin during January and February. I found everybody very friendly and would like to think that I and the members of Carlisle and District Model Engineering Society could return such hospitality to any of your members visiting England. Wishing you all the best and good steaming*

*Martin Sams*

*Chairman Carlisle DMES*

We have had several new members join the club over the last month. We welcome Tony Lawrence, Wayne Lord and Kent Toyoda as members.

*Gary Farquhar*

## Jubilee update Newsletter

Only six months to go so keep up the good work on those exhibits. I am aware that there are at least four new locos that may be displayed for the first time and three more traction engines will be in a pretty advanced stage. I have also been told that there are some other very interesting items to come.

Contact is being made with a number of our past members' estates and some of our ex members who are willing to show models that have not been seen for many a long year and it may well be our last chance to see some of their work.

Please note in your diaries that Thursday, 1<sup>st</sup> October will be the exhibition Set Up Day starting at 8.00 am. We will need a big team for this job with some 100 metres of heavy duty shelving to be erected and set up to the layout plan. Models will be accepted as from mid day until 7.30pm on the Thursday, with close-off for entry acceptance in the main exhibition areas at 10am on the Friday.

A new email address has been set up under [jubilee@asme.org.nz](mailto:jubilee@asme.org.nz) to handle exhibition registrations, general enquiries and dinner bookings. The club web site [asme.org](http://asme.org) has now been updated so have a peep.

Invitations to our fellow model engineering clubs have now been sent out offering them the opportunity to take part in the exhibition and join with us for the Jubilee dinner.

Arrangements have been completed with the Waipuna Hotel to make available rooms at a special conference rate for the weekend, a good opportunity for members and their friends to enjoy the Jubilee dinner and not have to worry about driving home.

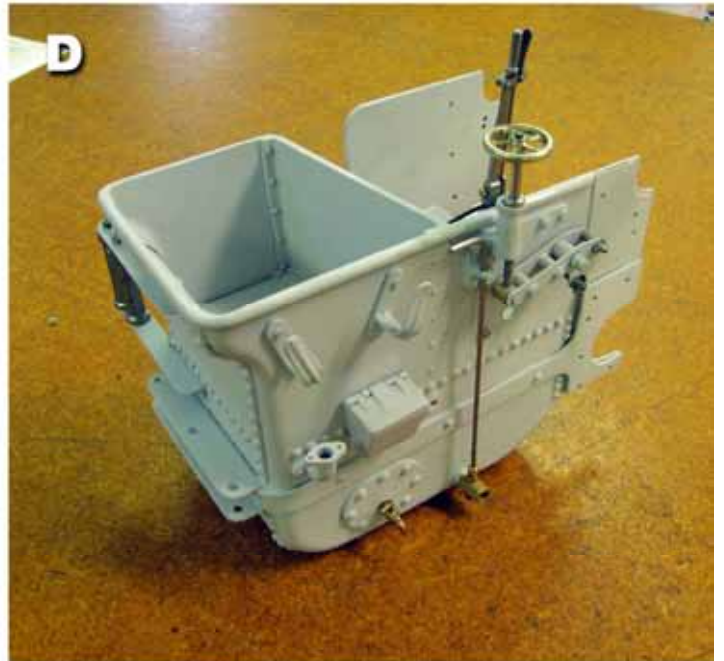
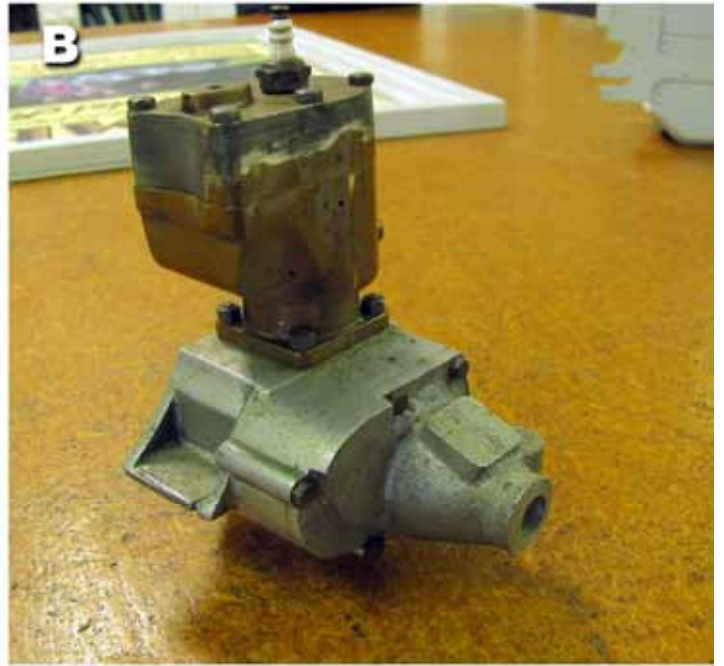
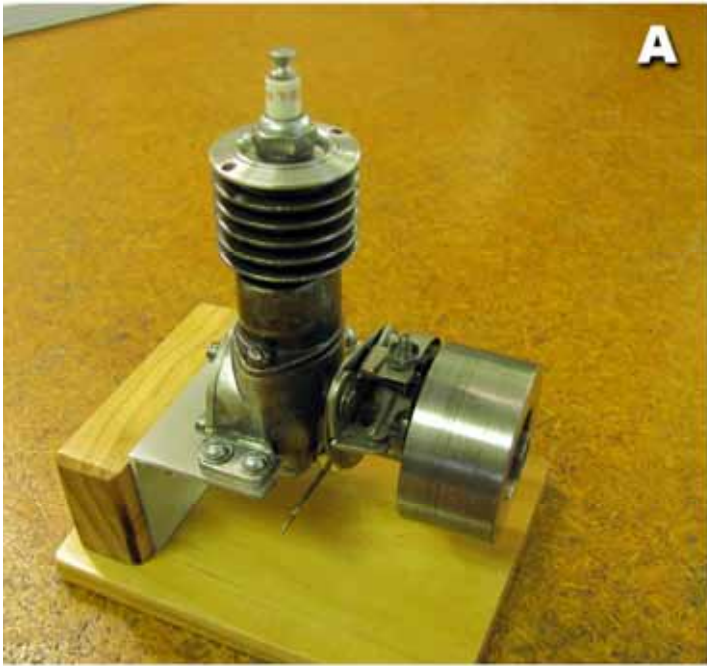
Enquiries and bookings please direct to the hotel, attention Miriam Desmond, Phone 09526 3003 or Email [Res@waipunahotel.co.nz](mailto:Res@waipunahotel.co.nz). Please mention ASME to get the special double room rate of \$135 plus GST.

Hugh Martin, Jubilee Convener

Phone 536 4544

Email; [hughmartin@xtra.co.nz](mailto:hughmartin@xtra.co.nz)







## Bits & Pieces, through the eyes of Roger van Ryn

First up was some single cylinder I.C. (Infernal Combustion?) Engines from Murray Lane. They were quite historical as they were variously dated from as far back as the 1930s. One design was built by Phil Isaac.

**Photo A.** Murray had tied up a set of pictures and an article from M.E. for the second engine which dates from a design published about 1928 to 1932. **Photo B.** The third engine was the Kittiwake design by E. Westbury published in 1949 from a design that goes back to 1930s, I believe was built by Murray.

### Photo C

Our president Gary, raced to Glenbrook and mounted the sign, made by Dave Russell and Arnold Watson, just as the first Thomas Engine pulled into the station this last weekend. The sign was so 'hot off the press' the paint was still wet. The 'retro' sign was cleverly designed to 'look the part' and the paint is Glenbrook regulation. **Photo N**

A good looking tender for a 1 ½ inch scale Allchin by Paul Boyes was next up. Lots of rivets and some nice scale embellishments. Progress is being made! **Photo D**

A nice hot er.... Cold(?) -air engine made by one of Greg Burrows friends at work, ran all through the presentations on a lump of frozen CO<sub>2</sub>. Note it runs backwards on cold and forwards on hot. **Photo E**

John Olsen is beefing up the quadrants on his steam boat engine. **Photo F** The engine has done a fair few rev's over the many past exhibitions. John also had the top steam drum of his Yarrow type boiler to show us. This is a mighty (by model Engineering standards) steel tube with all the holes in place for the water tubes. The steel tube is certified as will be all the parts. The riser tubes (down comers?) are to be welded in place, with the many others expanded in place. **Photo G**

A square thing presented by Graeme Healy with adjustable bladed finger removers had everyone stumped as to its purpose. A chocolate fish to the first person to identify it. Its one of 'those things' that looks to well-made to just chuck out. **Photo H**

Graeme Murray showed his electromagnet which he is making from recycled transformers. He rearranged the 'E's and threw out the 'I's to make an almighty powerful drill stand that only draws a couple amps on 12V. He has a variable power supply which will allow the magnet to be 'slid' along to allow alignment, then locked in place by cranking the current up. **Photo I**

Graeme also had an aluminium tripod to show which is for a Laparoscopy teaching aid, for Graeme's day job.

A nice 'larger than the usual' built up flywheel for a new Graeme Quayle (?) engine attracted interest. **Photo J.** Keep us posted Graeme! Graeme also presented a 'what is it', which comprised a syringe and a pressure gauge. Consensus suggested it may be a way of charging RC aircraft retractable under carriages prior to flight.

Some high quality geared hand wheels brought in by Peter Woodford illustrated a way of converting an Imperial lead screw to a Metric one. By locking and turning a button, different gear ratios can be engaged. Some bottles of free screws got snapped up. **Photo K**

Some good looking 'clacks' made by Mike Orange to his design for his Phantom proved Mikes still on the case! **Photo L**

Graham Bell is making some hose carriers for his 'Roller' and welded them with 'Zintec'. **Photo M**

A guest speaker was Mike Folkston from England with a video about an organisation that voluntarily refurbishes hand tools for supply to organisations in some African countries. These tools are then distributed to help subsistence farmers. You can look up 'Tools for Self Reliance' on [www.tfsr.org](http://www.tfsr.org) and obtain further details of this worthy organisation.

A second fascinating video, from Dr. David Black, was about the cable cars in Melbourne. Lots of interesting black and white footage about the underground mechanisms and the principles of operation. David will (hopefully) still show us further footage about the Dunedin Cable cars which were the second installation in the world. Its always enlightening to see 'the way we were'!

## Upcoming Model Engineering & Associated Events

18 – 19 April 2009 North Waikato Steam & Heritage Festival

25<sup>th</sup> April 2009 ANZAC day, Formal invitation from Manukau Live Steamers to run at their track, 3-1/2" and 5" gauge locos only. Come and try the wide open space's. Centre Park, Robertson Road, Mangere

2-4 October 2009

A.S.M.E. 50th Jubilee Exhibition

5-11 Jan 2010

Nelson Society of Modelers Inc., Steam and Cinders 2010 International Live Steam Convention [www.nelsonmodellers.org.nz](http://www.nelsonmodellers.org.nz)

## Classifieds

### WANTED

Any old photograph's or slides of ASME or members running at the Auckland Easter Show in the early days of the club. For use in the club jubilee history publication being compiled by Lex Farquhar.

**Lex Farquhar**

Ph (09) 576 7524, [lexf@nznet.gen.nz](mailto:lexf@nznet.gen.nz)

## Around the Clubs, reviewed by Alan Emerson

### Canterbury Tales, Feb 09

*Congratulations on your 75th Birthday.* Good articles and photos of the event.

### Mixed Traffic, Wanganui, Feb/April 09

Write-up on the Last Spike Festival plus Club news. Also a hint on making plastic model windows clearer.

### Southern Rails, Invercargill, Feb/March 09

All the sections seem to be doing well. Like the idea of the fairground organ at the Christmas do.

### Big Wheel News, Moorabbin, Victoria, Jan/Feb 09

Good article on L.B.S.C. Very good article on milling machines too.

### Model Torque, Hawke's Bay, Jan/Feb 09

Good articles on the history of trains, early steam engines and railway houses. One junior member, Tim Mason, has left to join the Russian Circus presently touring Australia. Hope the fire ban didn't spoil the Art Deco events too much.

### Wheels and Floats, Tauranga, Jan and Feb 09

Story and pictures of Lloyd Brecton's Durham and North Yorkshire Traction engine and workshop. A very neat and tidy set up. Some thoughts on derailments. Photos of their Tuesday Club at work. Change of address for the Secretary. Now –The Secretary-Tauranga Model, Marine and Engineering Club-c/o 3 Waipuna Grove-RD 5 Tauranga 3175.

### Conrod, Otago, Jan and Feb 09

Good photos of what sounds like a very successful and profitable Festival Week.

### Steamers and Dreamers, Manukau, Jan 09

Tunnel track rails replaced, container completed. Good loco photos from Rotorua and Whakatane. Plenty of track work under way at Mana Ariki Marae.

### Expansion Link, Hamilton, Jan/Feb 09

Open weekend will be a charity run for the Waikato Hospice in memory of Valerie Clark. Our condolences on the loss of such a very capable and valuable member.

For sale a 3" scale Burrell Traction Engine, needs new boiler cert, offers to [judithparlane@xtra.co.nz](mailto:judithparlane@xtra.co.nz)

### Engine Booster, Los Angeles, Jan and Feb 09

Article on how the Club started with rail donated by Walt Disney. The proceeds from the Halloween run will go towards the purchase of a new steam engine for the track. The Gourmet Lunches sound great and at a very reasonable price too.

### Boilers, Rotorua, March 09

Article and photos of a very ingenious flexible bridge for loading locos. It hinges in the middle and the angle can be adjusted to line up with one end then the other.

### The Generator, Palmerston North, Jan and Feb 09

Two very interesting "letters from England" from Stan Compton. These are always a good read, he covers a lot of ground. Everything from a visit to Eastnor Castle for a big steam day to the demise of needlework shops. Other articles cover traction engine driving. An enormous 10 and a ¼' gauge Ka. Hints on oils. Vintage tractors and a number of other good articles.

### Blast Pipe, Hutt Valley, Feb and March 09

A lot of good articles and photos, including a picture of the Harbour Bridge train. Great cover photos of David Turner and his 3" Allchin at Raumati and the Price Tractor at Totara Springs.

### Piston and Prop, Marlborough, Feb 09

All the sections seem to be doing well, not too many problems.

### Northern Views, Whangarei, Jan/Feb 09

Story and photos of a very successful Anniversary Weekend. The trams are back in fashion in France.

### Mailship, Jan and Feb 09

THE MICROMETER April 2009

Plenty of good photos and Club news.

### **The Workbench, Durban, March 09**

Good loco photos and a kit to build an Enigma machine.

## **Committee Meeting Notes 10<sup>th</sup> March 2009**

The minutes of the previous meeting were read and confirmed as a true record.

### **Matters Arising:**

The book order has arrived.

The Glenbrook sign is now in place.

**Correspondence:** IN – MEANZ, Tony Lawrence, Panmure Basin Advisory Committee, Multiline Insurance Brokers, Manukau Live Steamers, Charities Commission, North Waikato Steam and Heritage Festival

OUT – Richard Hannah, Dave Giles.

### **Sub Committees:**

**Boilers:** Two tested.

**Works:** Some maintenance carried out on the footbridge. Track repairs ongoing.

There is a working bee on Saturday 18 April – shovels and wheelbarrows required.

**Library:** Alan Gasteen and Arnold Watson have agreed to act as issuing librarians at meetings.

**Stores:** Nil.

**Safety:** Nil.

**New Members:** Tony Lawrence, Wayne Lord, Kent Toyoda.

**Finance:** Statement of accounts, plus payments for approval read and approved.

### **General Business:**

Expo dinner: Hugh Martin has queried who will be looking after bookings. Greville to administer this. Dave Russell to set up "Jubilee@asme" email address.

There was a discussion about displaying of models by other clubs. There will be a definite cut-off point for registering. Expressions of interest will be sought initially.

There has been an offer to assist with making signals for the club.

There was a discussion about bogey designs.

There was a suggestion to put treated timber around the track where soil is missing and fill the gap with dirt.

The bereavement scheme is still under action.

There was further discussion about the Amusement Device Regulations.

The life member board needs updating.

## **Hugh Martin's Myford ML7, # K1003. God loves a trier.**

In 1993 Hugh enquired from Ellis & Company Ltd (the NZ Myford agents) about the origins of his ML7 Myford Lathe.

The reply received stated: "ML7 Serial No. K1003 was the third ML7 ever built, manufactured on the 17<sup>th</sup> August 1946 and is now considered as a rarity in Myford Standards"

Hugh wrote to Myford Ltd in England describing how their "rarity" had been mistreated before he acquired it, he went on to describe how he had lovingly restored the machine back to its original condition including the purchase of numerous new replacement parts. In closing he congratulated Myford on their Jubilee year and offered as part of this memorable event that Myford Ltd. have his ML7 No. 3 for their archives. His words, "I am sure that we could come to some suitable arrangement. I have in mind a super seven."

The reply was written within 5 days and detailed how the machine was originally sold to a dealer in London and that it had been back to their works in 1986 for re-build work, but no details where to hand.

The letter goes on to say...

1994 is, as you say, our Diamond Jubilee year, but we regret that we have to disappoint you in your suggestion that some arrangement could be accommodated by which K1003 comes back to us in return for a Super 7 . K1001, the first ML7 ever made, is in showroom condition and stands in our archives as the first representative of the tens of thousands of ML7 lathes which were made over the years.

Incidentally, we also have SK1001, the first Super 7 ever made.

We are sorry to disappoint you, but congratulate on a good try!!!

Thanks Hugh, (God loves a trier)