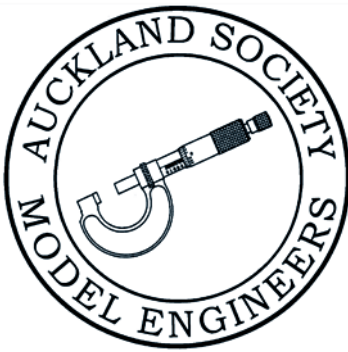


# AUCKLAND SOCIETY OF MODEL ENGINEERS INCORPORATED

*Peterson Reserve, Panmure, Auckland  
PO Box 14570, Panmure, Auckland 1741, NEW ZEALAND*



*November 2010  
Number 552*

## **Club House Telephone**

(09) 570 5286

## **Club Web Site**

[www.asme.org.nz](http://www.asme.org.nz)

## **President**

**Grant Anderson** (09) 576 8330

*E-mail address president@asme.org.nz*

## **Secretary**

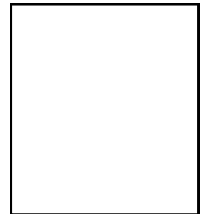
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**REGISTERED NEW ZEALAND PUBLICATION**

ASME INC.

# ***The MICROMETER***

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*Shop Worker Arc Welding*



# Train Roster

| Date      | <u>Electric</u> | <u>Electric</u> | <u>Steam</u>      | <u>Steam</u>   | <u>Station</u>   | <u>Station</u>   | <u>Station</u>   | Extra<br>Guard # |
|-----------|-----------------|-----------------|-------------------|----------------|------------------|------------------|------------------|------------------|
| 7-Nov-10  | T Crake         | P Eaton         | <u>G Anderson</u> |                | <b>P Jones*</b>  | G Kemp           | J Lankow         |                  |
| 14-Nov-10 | M Granger       | J Harrison      | <u>G Bell</u>     |                | D Leybourne      | M Luxton         | <b>I Lyons*</b>  |                  |
| 21-Nov-10 | M Hollis        | M Plant         | <u>S Day</u>      |                | H Martin         | <b>S Meikle*</b> | G Murray         |                  |
| 28-Nov-10 | D Housley       | J McManus       | <u>L Farquhar</u> |                | E North          | <b>J Olsen*</b>  | B Parker         |                  |
| 5-Dec-10  | P Moy           | A Murley        | <u>A Gasteen</u>  |                | <b>G Quayle*</b> | J Reavley        | R Reichardt      |                  |
| 12-Dec-10 | T Robinson      | J W-Buys        | <u>M Jack</u>     |                | M Richardson     | <b>K Ryan*</b>   | B Sanford        |                  |
| 19-Dec-10 | P Woodford      | D Black         | <u>T Lawrence</u> |                | A Shirley        | R Stratton       | <b>R Street*</b> |                  |
| 26-Dec-10 |                 |                 | -----             | Public Holiday | -----            |                  |                  |                  |

**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 train ride tickets previously sold.

**Please Note**, You will notice from the above roster that new members to the club have been rostered on as the Extra Guard. The committee has decided to do this so that the new member has a chance to learn the ropes at the station without being under undue pressure. Please note on your rostered day you should arrive by 12.45pm to get prepared for the days running.

## Club Calendar

| ASME Events                                         |                                                                                                                                                                                                     |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2nd November                                        | Meeting and Annual general Meeting.                                                                                                                                                                 |
| 9th November                                        | Committee Meeting.                                                                                                                                                                                  |
| 13th November                                       | Working Bee to prepare for concreting new ramps by basement and a general clean up around the track. Start time 9 am sharp.                                                                         |
| 16th November                                       | Workshop Night, "Milling 101", at Peter Woodford's home workshop, limited numbers so please phone Peter to book a spot 5768477. A second evening is planned at a later date to accommodate numbers. |
| 11th December                                       | ASME Christmas Dinner and Annual Awards - 6pm for 7pm dinner. Cost \$20 per head, payable in advance. For tickets see Graeme Murray.                                                                |
| Other Events (See posters on the club notice board) |                                                                                                                                                                                                     |
| 23rd - 25th October                                 | New Plymouth Model Engineers open weekend 2-1/2, 3-1/2 & 5" gauge                                                                                                                                   |
| 4th - 5th December                                  | Rotorua Society of Model Engineers open weekend.                                                                                                                                                    |

# Presidents Report November 2010

Jan and I are now home and settled back into normal life after seven weeks holiday overseas. It's always nice to be home and overseas travel always reminds me of how lucky we are to live in New Zealand. My personal thanks to Greville for steering the ASME "ship" while I was away.

The Club's Annual Exhibition was held over the last weekend of September and much thanks are owed to Mark Richardson and Graeme Healy who stepped in to organize the event in the absence of any volunteers and to all those who made their model engineering exhibits available. Mark and Graeme along with Dave Russell and Tony Lawrence provided the overnight security, an unenviable task – thanks guys. A special thanks to Jocelyn Murray who prepared lunches for the team. Thanks also to those who fulfilled a duty on the day, either at the exhibition or on the track. The takings at the track were equivalent to a very healthy Sunday and are sorely needed after all the bad weather that we have experienced on winter Sundays this year.

The October auction was well attended with many "goodies" on offer. Our honorary auctioneer Mike conducted the session with his usual good humor which added considerably to the event. Almost everything sold; I think only a short section of white chain and a very "used" steering wheel cover were passed in unsold -hopefully everyone is happy with their purchases as unfortunately there are definitely no refunds or guarantees!

The new concrete outside the basement, now completed on both sides, looks great and eases the walk between various points. Only the ramps are left to be re-graded and the whole area will be a huge improvement for future use. Please note the next working bee in your diary now – Saturday 13<sup>th</sup> November.

The Tuesday Club has a number of projects ahead of them now that the new lease is finalized. First up is the additional guard rail along the inside of the station to stop the public wandering into the operational area. This will help direct people to the three-way bridge and allow for proper access to the station.

Timothy Robinson has done a lot of work on the Ec Club locomotive recently, fitting a new controller, cooling fan, battery brackets, new horns and re routing some of the wiring. We have been "running the gauntlet" somewhat, operating over the winter with only one Club trainset operational while awaiting delivery of the parts; so a big thanks to Tim for getting the Ec back on the tracks ahead of spring and the better weather.

Great to see the new Club shirts have really taken off. They look impressive and colourful with the Club logo on the front and "ASME" on the rear, so if you haven't ordered one yet contact Hugh soon. And thanks for the initiative Hugh.

John Reavley responded to the advertisement in the last Micrometer for a Social Coordinator. Accordingly he was voted into this ex-officio role at the October Committee meeting. Please feed any information regarding members health and welfare, etc., onto John so he may keep us all up to date on social matters. Welcome aboard John and thanks for volunteering to undertake this role for the Club.

[Continued on page 6....]

# ASME 2010 Exhibition Photographs





Photos taken by **Ross Purdy** at Annual ASME October Exhibition

[...Continued from page 3]

The next meeting is our Annual General Meeting, so please do give some thought to the running of the Club and whether you would like to have more input. One way this can be done is by making yourself available to be on the Committee; all that is required is to complete a nomination form and have it available at the AGM. A vote for positions is always healthy and of course democratic. I look forward to many completed nomination forms, so ASME may be assured of a strong team for the coming year.

The Club Christmas Dinner is to be held on Saturday 11<sup>th</sup> December at a cost to members and partners of \$20 per head (subsidized by the Club). Places are limited to 50 on a first in, first served basis. To reserve a place please buy a ticket from Graeme Murray. As ASME has to commit to numbers with the caterer beforehand, we will not be able to cater for anyone who has not pre-purchased prior to the event.

Happy model engineering;

*Grant Anderson*

*President*

October 2010

## Club Shirts Reminder

### Specifications:

- A high quality 100% cotton in blue Chambray, with long or short sleeve options in sizes S .M. L .XL. 2XL. or 3XL, plus a ladies range.
- The shirt has two button down chest pockets, the left side has a pen or rule slot, there is a 60mm dia embroidered club badge above the left pocket, the collar is of the button down type, the long sleeve version has adjustable cuffs, the cross stitched back panel has a hanging loop and just under the collar on the yoke there is an embroidered 15 mm high A.S.M.E. in red.
- Members can purchase these by firm order only at \$59.00 inc GST at the new rate of 15%.
- Payment is required at time of receipt of goods.
- Please note to maintain these prices there is a minimum order requirement of ten per production run so orders will need to be consolidated.
- The embroidery work is a major cost for this product and the club have agreed to meet the cost of set up and programming.
- To place an order please contact Hugh Martin (09) 536 4544, or any other committee member.

# The Latest in Engineering

*Extracts from The Model Engineer and Electrician of October 27, 1910*

## 88¾ Miles Per Hour by "Phoenix"

While walking along Great Portland Street the other day, my attention was attracted to the window of the Vauxhall Motor depot, in which was exhibited one of the most remarkable looking racing cars I have ever seen. Built for speed and speed alone, the designer had thrown all other considerations to the winds, and the result was, to say the least, striking to an extraordinary degree. The long, lean, nickel-plated bonnet and off-set wire wheels, tiny seat for the driver, and still tinier one at the side (and at a lower level) for the *mecanicien*; steering wheel set at a big rake, and total absence everywhere of a superfluous ounce, made up a total which was curious to look upon, and the fact that such a wonderful speed as 88¾ miles per hour has been achieved with the car shows that it is as efficient as a speed instrument as it is curious in appearance.

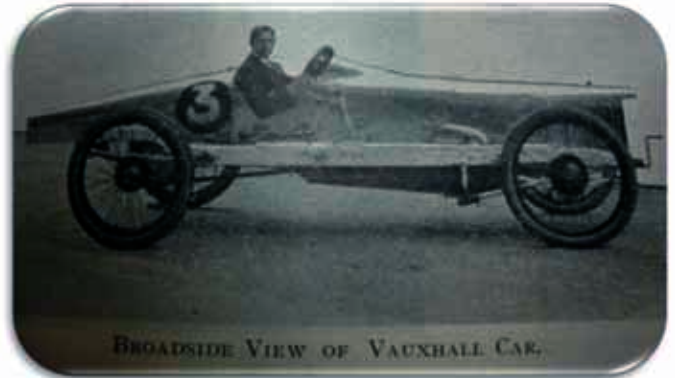
The engine has four cylinders cast *en bloc*, with mechanically operated inlet valves placed in line, and all valves on the same side of the engine.

The cylinders have a bore of 90 mm. and stroke of 120 mm., so that the R.A.C. rating is 20.1 h.-p.

The wheels are shod with Palmer tyres, size 915 by 105.

The radiator, instead of being placed transversely across the chassis, is turned edge on and everything possible has been done to minimise the wind resistance offered by the car. This 20 h.-p. Vauxhall racer has, say the makers, achieved higher speeds than others from 26 h.-p. to 40 h.-p. The official timing over a flying kilometre gave the enormous speed mentioned above.

By the courtesy of Vauxhall Motors, Ltd., I am enabled to present two different views of the car, from which readers will be enabled to gain some idea of what she looks like.



## Queries and Replies

Wireless Telegraphy. E. C. T. (Bangor) writes: We have a small house in the Welsh mountains here, and there are no telephone wires of any kind running anywhere near, which makes it very awkward for communication. Could you give me a rough estimate as to how much expense I should have to run to install a small wireless installation between the two houses – the distance being nine miles, one house about 1,000 ft. high, and the other almost on the sea level? I am not sure if the altitude or the atmosphere makes any difference to the flow of the electricity.

Providing there is a fairly level space around the two stations, there is no theoretical reason why you should not be able to signal the distance. If you are satisfied to use a certain amount of second-hand apparatus and make the rest yourself, you should be able to install the two stations for about £15 to £20.

*Brian Cotton*

# Classifieds

## **For Sale:**

Little Engines (California) 0--4--0  
Crab Locomotive for sale

\$ 4000.00

Enquiries to John Harrison Phone 09-4806638



Members locomotives on display at annual ASME  
October Exhibition