

Number 626

August
2017

The MICROMETER

AUCKLAND SOCIETY OF MODEL ENGINEERS INCORPORATED

PO Box 14570, Panmure, Auckland, 1741, NEW ZEALAND

Club House: Peterson Rd, Mt Wellington Auckland

Telephone: (9) 570 5286

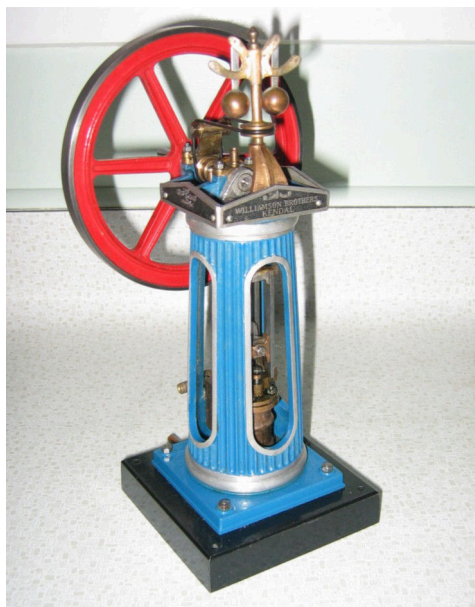
Club Web Site: www.asme.org.nz

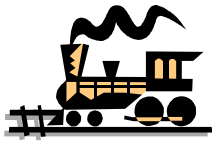
| | | |
|------------------|------------------|--|
| President | Timothy Robinson | 09 296 2949 |
| | e-mail address | president@asme.org.nz |
| Secretary | Mike Moore | 09 443 6050 |
| | e-mail address | info@asme.org.nz |
| Editor | John Lankow | 09 576 5400 |
| | e-mail address | editor@asme.org.nz |

REGISTERED NEW ZEALAND PUBLICATION

New item for our display cabinet

This fine Williamson Brothers of Kendal UK pedestal engine which was built by the late Peter Fisher (and one of several models donated to ASME by his family) has now been prepared for display in ASME's clubrooms.





Train Roster

| | Electric | Electric | Steam | Train | Station / | Station / |
|-----------|-------------|-----------|-----------|----------------------------|-------------------|------------|
| Date | Driver | Driver | Driver | Controller | Guard | Guard |
| 6-Aug-17 | P Woodford | I Ashley | Voluntary | <u>P Dowdeswell</u> | P Tomkies* | T Sharp |
| 13-Aug-17 | G Beazley | M Granger | Voluntary | <u>B Aickin</u> | D Wilson* | D Beecher |
| 20-Aug-17 | M Hollis | D Housley | Voluntary | <u>G Wills</u> | B Cooper* | M Vickers |
| 27-Aug-17 | J Lankow | D Moffat | Voluntary | <u>T Lawrence</u> | R Crook* | R Copeland |
| 3-Sep-17 | M Moore | P Moy | Voluntary | <u>S Meikle</u> | P Jones* | T Sharp |
| 10-Sep-17 | R Reichardt | A Shirley | Voluntary | <u>T Robinson</u> | K Ryan* | B Machett |
| 17-Sep-17 | P Woodford | I Ashley | Voluntary | <u>D Russell</u> | M Luxton* | D Beecher |
| 24-Sep-17 | A Bailey | G Beazley | Voluntary | <u>G Wills</u> | J Service* | M Vickers |

Bold and Underlined Name:

This is the designated **Train Controller**, i.e. the person in overall control of all operations for the day

Bold with Asterisked* Name:

This is the designated Stationmaster, i.e. the person responsible for activities in the station area. The Stationmaster is also responsible to account for the day's takings.

Drivers: Please keep your eyes open for unusual or suspicious behaviour around the track which may affect the safety and/or smooth operation of our trains. Report such activity to the Train Controller.

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.

Also, please ensure the member you arrange a swap with is one who is rostered to undertake the same role to ensure we always have members with the appropriate training and experience on the day.

AUGUST CALENDAR

Tuesday August 1st, 7.30pm - General Meeting , ASME clubrooms. This month there will be an auction of the late Jim Greasley's model engineering bits and pieces. The items on offer are many and varied, so there will be something for everyone.

Tuesday August 15th, 7.30pm - Committee Meeting.

Coming up - Tuesday September 5th - Special General Meeting. See Greville's and Grant's announcement later in this newsletter.

Coming up - Tuesday October 3rd - The annual ASME club auction. Start clearing your workshop of all the stuff you don't need anymore and which is waiting for a new home. You have two months' notice!

Auckland Society of Model Engineers Incorporated

Notice of Special General Meeting

Pursuant to Rule 15, of the Society's Rules (Dec 2016), notice is hereby given that a Special General Meeting is to be held at the Society's clubrooms, Peterson Reserve, Panmure, on Tuesday 5th September 2017 at 8.00 pm.

The purpose of this meeting is to recommend and consider the following notice of motion:

Notice of motion

"That in accordance with Rule 12.5, this meeting endorses the Committee's recommendation to pursue the purchase of the Waipuna Water Ski Club rooms and enter into a Community Lease (License to Occupy) with Auckland Council on as favourable terms, acceptable to the Committee, as can be negotiated"

Michael Moore

Secretary

Background: The following is from the covering letter to Auckland Council which explains the rationale for this recommendation to Members.

Application for Community Lease for the Waipuna Water Ski Club (WWSC)- current Lessee and owner of the Clubrooms – situated beside the Panmure Basin in Peterson Reserve, Panmure.

Auckland Society of Model Engineers Incorporated ("ASME") enclose a completed Community Leases – Lease Application Form.

ASME's interest in the building is to provide alternative accommodation for The Scale Marine Modelers Incorporated (SMM), who currently hold their monthly meetings in ASME's upstairs clubhouse, occupy a portion of the ASME clubhouse basement and some shelving space for their library. SMM have agreed in principle to such a move, subject to any costs incurred for hiring. Our thinking in acting as the sub-licensee party is due to ASME's long association with Auckland Council and Transpower on our existing property, which we feel sure would ease facilitating the transaction as opposed to a completely new party. ASME currently also owns and hires the boat pond, (which is adjacent to the WWSC building), to SMM.

Sub-letting to SMM will give us back the use of the space they currently occupy in the ASME Clubhouse and allow ASME to create a workshop with appropriate machinery. Then we can encourage younger members to learn model making skills, and/or provide members, especially those who have had to move to retirement villages, access to lathes, drill presses and other machinery, etc. for model making.

We would also consider sub-letting the WWSC building to “Other” suitable community groups.

We understand The Tamaki Estuary Protection Society are trying to raise funds (from the Council) to purchase the building.

We have noted that there is some “Deferred Maintenance” on the WWSC building. ASME would, if successful, spend funds on the building, (e.g. painting and refurbishment), to bring it up to the better standards we have achieved for our own assets.

The Scale Marine Modellers Incorporated (SMM):

ASME has close links with SMM; these have existed almost from Inception.

SMM was Incorporated on 4th September 1981, and began using ASME’s clubrooms for their meetings from December 1981 onwards.

ASME built a boat pond on (now) Auckland Council land (adjoining the miniature railway site) which was opened 16th September 1989, on which SMM operate regularly to this day. SMM activities that benefit the public of Auckland and elsewhere include:

Exhibiting at various shows: In Auckland (The Boat Show & Model X); and at Taupo (Model Expo) using their portable pond.

Attending and operating the radio-controlled model boats (for hire to the public) at usually four Auckland School Galas each year. Public model boats are hired on the club pond on Sundays when the weather and other commitments permit – this gives approx. 1300 (mainly young) people a chance to drive a model boat. Also, annual visits to Hamilton and Waihi are undertaken.

SMM have been looking for an Auckland venue for a Model Boat Show. The Ski Club rooms, being next to the pond, is an ideal venue for an annual show.

Other Notes

The Purchase price we are intending offering is \$3,100 plus some conditions.

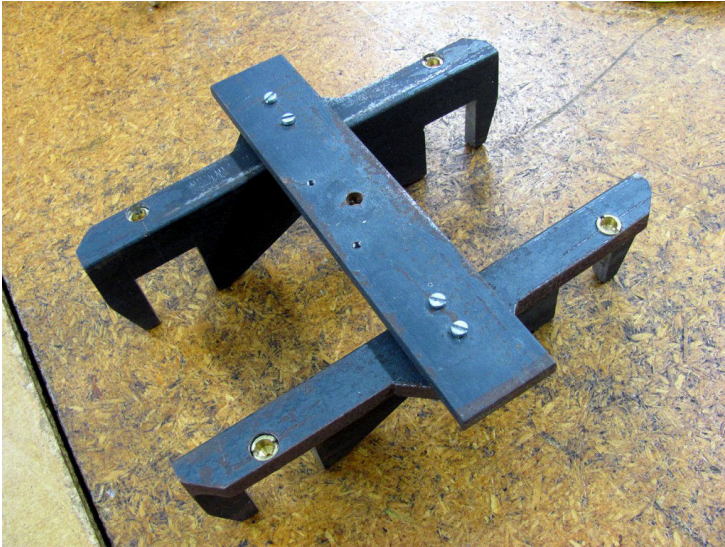
Apart from some one-off refurbishment costs – we expect that the ongoing running cost to be about a break-even situation with an increased rental from SMM.

Greville Wills & Grant Anderson

Vice President Treasurer

Bits and Pieces 4th July 2017

Conducted by Mike Orange, report and photos by Dave Russell.



"Bob's Experiment" is making some progress with the latest iteration of the bogie frames for the 5" Heisler articulated bush locomotive. This is **Bob Aickin's** long-term project - we look forward to seeing the ongoing progress.



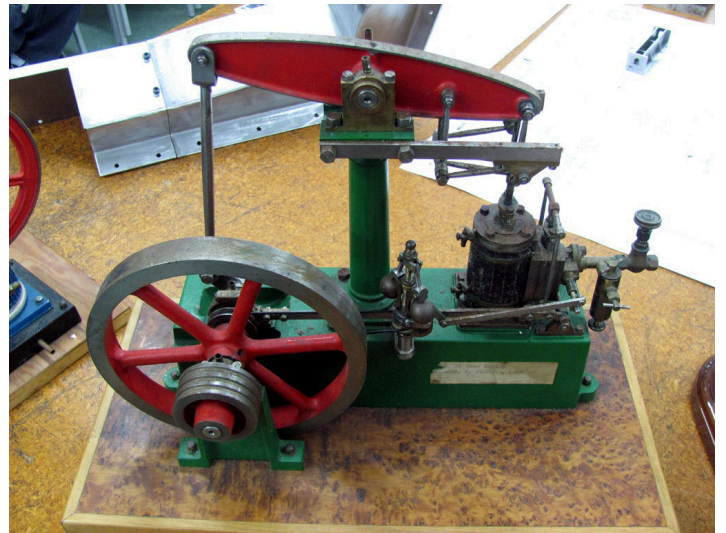
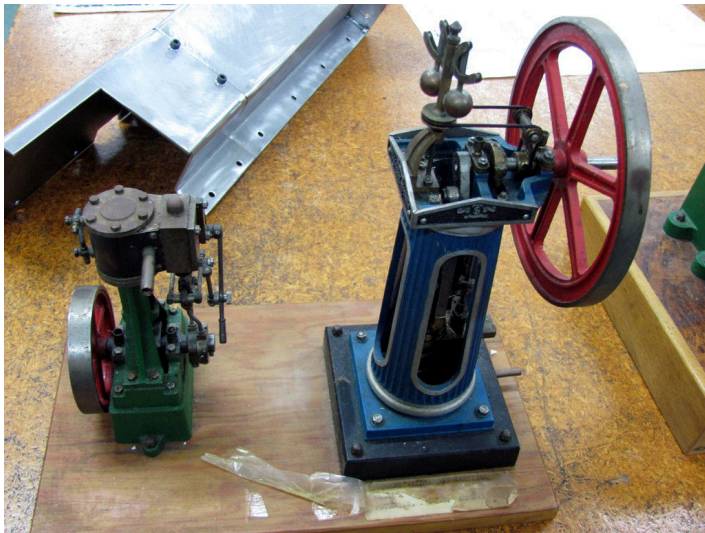
Bob also brought in this piece of fibre-optic cable left lying around after some installations in his street. The thin hair like stuff in the photo is the inner actual fibre: warning from the floor was don't get it in your finger as it is actually glass.



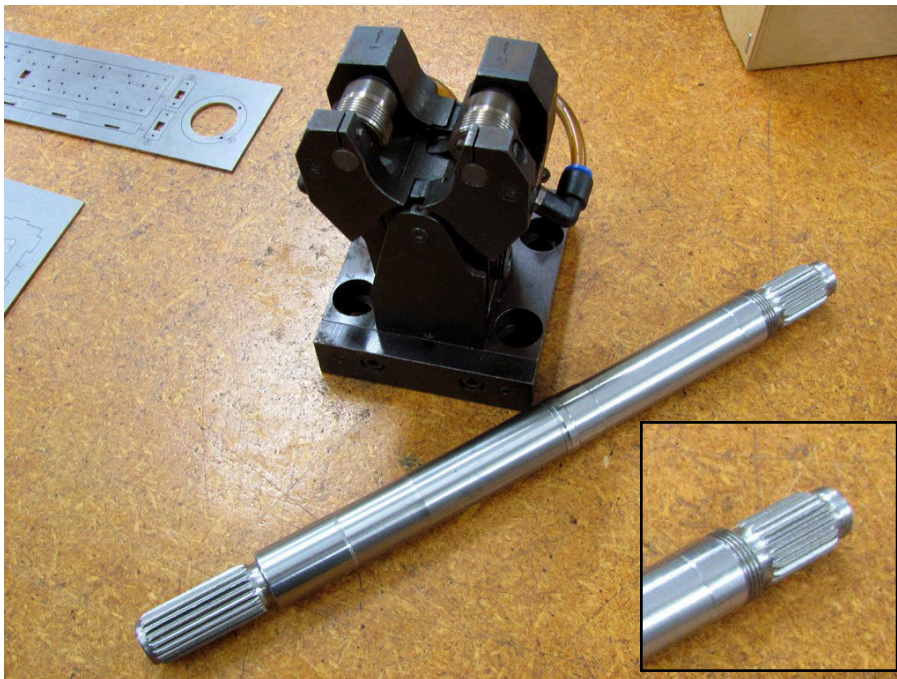
This collection of steam valve parts belongs to **Grant Anderson**, Grant has spent some time perfecting these with stainless seat inserts and floating stainless spindle ends, reports are they work very well (no leaks) and close off with the minimum of effort on the valve. Grant got the idea from an AME (Australian Model Engineer) magazine article.



Greg Burrows brought in the chain guard he made to protect his "vitals" when driving his steam truck. It fits inside the cab and covers the drive mechanism from the engine.



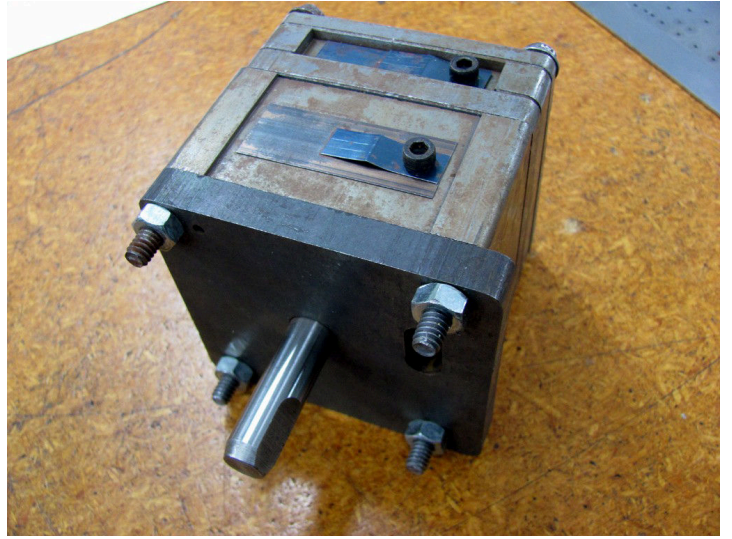
These fine stationary engines were built by the late **Peter Fisher** who was a member of ASME. His family have very kindly contacted Grant Anderson and have donated them to the club. They are of a high standard and the beam engine is mounted on a walnut base. Ron Copeland and John Lankow volunteered to give them a clean-up before being put on permanent display in the clubrooms.



This next item is from the good old days when Fisher and Paykel actually made things at their factory in NZ. The shaft is the standard one fitted to F&P top loaders for years. **Pete Woodford** explained how forming rolls rolled the thread onto the shaft (*see inset*), other surfaces were burnished to a high tolerance to accommodate bearings and seals. The rolls are fixed where they will give the finished size and pushed against the revolving shaft to produce the thread.



Greville Wills has been continuing to finish off the “leaf blowing” trolley that is part of the club rolling stock. This coupling will fit to the club locomotives and existing trolleys - someone made a comment that you should not make the connections too precise as if they are too tight they will cause derailments.



Pump or motor? pneumatic or hydraulic? That was the question that **Murray Hollis** was asking about his item for the table tonight. It had loose vanes inside and looked like it came off something but had a new end plate and bolts fitted. Do you know what it is?



This item was made by the late **Jack Hocking**. Jack was a long-standing member of ASME and a very skilled tool maker and model engineer. Sadly Jack and his son Guy are no longer with us: both were valuable members of our club. Moving on, **Greg Burrows** who now has this piece explained that it was a tool holder for grinding.



Visitor **Bill Parker** (our resident traction engine fan) brought in this full-sized toolbox and oil can that originated from an engine circa 1890-1930. The piece was immaculately restored and mounted on a plaque of native timber.