

Wheels & Floats

March 2021



TAURANGA MODEL MARINE AND ENGINEERING CLUB INC.

The Secretary
PO Box 15589
Tauranga 3112

Miniature Railway Memorial Park
Open to Public, weather permitting
Sundays : 10am to 3pm approximately

Palmerville Station Phone 578 7293

Website: www.tmmec.org.nz

Facebook: Memorial Park Railway Tauranga

MEETINGS

General Members Meeting every first Tuesday
7pm.

Committee Meeting every second Thursday at
7pm.

Maintenance Tuesday mornings from 9am.

Engineering discussions Tuesday evenings
7.30pm.

COMMITTEE

President: Jason Flannery 5721165

Vice President: Bruce McKerras 5770134

Club Captain Max Donnelly 5716778

Secretary: TBA

Treasurer: Joanne Knights

Committee: Ash Thomas, Russell Prout,
Warren Belk, Bruce Harvey
Brian Fitzpatrick, Owen Bennett

Boiler Committee: Peter Jones, Bruce McKerras,
John Heald.

Safety Committee: Chris Pattison, Peter Jones,
Warren Karlsson, Jason Flannery.

Editor: Roy Robinson 07 5491182
royrobkk@gmail.com

CONVENERS

Workshop: John Nicol, Brian Marriner.

Track: Bruce Harvey, John Stent.

Librarian: Chris Pattison

Rolling Stock: Bruce Harvey

Website: Max Donnelly

MEANZ rep John Heald

OPERATORS 2020

21 March B Harvey

28 March P Jones

4 April W Karlsson

11 April B McKerras

18 April R Prout

25 April M de Lues

2 May B Fitzpatrick

9 May J Flannery

16 May B Harvey

23 May P Jones

30 May W Karlsson

6 June B McKerras

13 June R Prout

20 June M de Lues

Cover photo : John Stent's duplex boiler for his Garrett locomotive he is building.

Hi TMMEC

As you will all know by now, since writing the last President's report we had more sad news with the passing of another life member, Trevor Chapman on the 16th of February 2021. Bruce Harvey attended Trevor's service down in Greymouth on the 22nd of February and was kind enough to read out some words on behalf of the club which Peter Jones kindly put together.

It is always sad when we get this kind of news but as they always say, gone but not forgotten. I am sure most members have some good memories and hilarious stories to tell about their exploits with Trevor Chapman.

Our condolences go out to his family.

One million rides!!! Sunday the 14th was a momentous occasion for the TMMEC in that our one millionth passenger rode the train on Sunday at around 11am. This was Sheree Davy from Papamoa who has several grandkids and we look forward to seeing her and her grand kids make good use of her ride 2021 ticket. Please keep an eye out for the local paper as they will run some pictures and an article on this plus I am sure Roy will also have some photos in the mag.

Thanks TMMEC for all your hard work, without it this momentous occasion would not have been possible.

So if you have not heard by now the TCC have agreed to renew our lease for 5 years. The current expiry is 31st of March 2022 so this will then take us up until 2027. Subsequent enquiries as to why only 5 years was offered is that the TCC are not prepared to enter into a lease that they cannot guarantee for the stipulated time frame. They assure us they have no intention of losing such a great facility, but as the park layout may change in several years time this would then make the lease document layouts incorrect.

Despite the 5 year lease its is still business is usual so lets keep on building those models!

Thanks to Ashley Grant the container mural idea is progressing. The theme is engineering drawings (that is something TMMEC relative) to the station side, with a NZ themed landscape to the park side (for the public). He has several ideas he is developing so watch this space.

Thanks to all the crew that attended Saturday's working bee on the 13th of March, several jobs were tackled and sorted out.

Become a Home-based
Educator today!



HOMEGROWN
KIDS
www.hgk.co.nz



It was discovered that the rear gutter on the clubrooms needs to be removed and the brackets tek screwed into place as the older nails are pulling out. This will need several sets of hands as the gutter is all in one piece so please keep an eye out for a date on this. This will need several sets of hands as the gutter is all in one piece so please keep an eye out for a date on this.

On the 11th of April the Vintage Machinery Club has invited the TMMEC to come along and display some of our wares at their show in Kati Kati. Roy should have some info on this in the club mag. A nice big traction engine and steam loco would be good to display so please get those offering caps on.

On the 17th of April there is the trip to the signal museum in Hamilton, this should be a good day out. There is a video of it on google if you search for it. Details should also be in the mag.

If any members, or their family members are able to sell tickets on a Sunday then please add your name to the roster on the cabinet. It is handy for the Duty Operators on the day to know if they have got the full day covered without having to ask around.

Thanks TMMEC and keep on building.

Jason



The 1,000,000 Passenger !!!!!



Past President Peter Jones makes the presentation to Sheree Davy





Peter makes the presentation



No Max, it's not you!!!!

Library

Library Custodian Chris Pattirson advised the members at a recent meeting that after his audit of the library that there were many magazines particularly Model Engineer and Engineering in Miniature missing. The list below shows the extent of the problem.

Personally, I find it disturbing that so many of these mags which belong to the Club, yes, YOUR Club have seemed to go “walkabout”. Some years ago it was decided to make the Library open rather than under lock and key. One can only surmise that these missing items have been removed since the Library was opened to all.

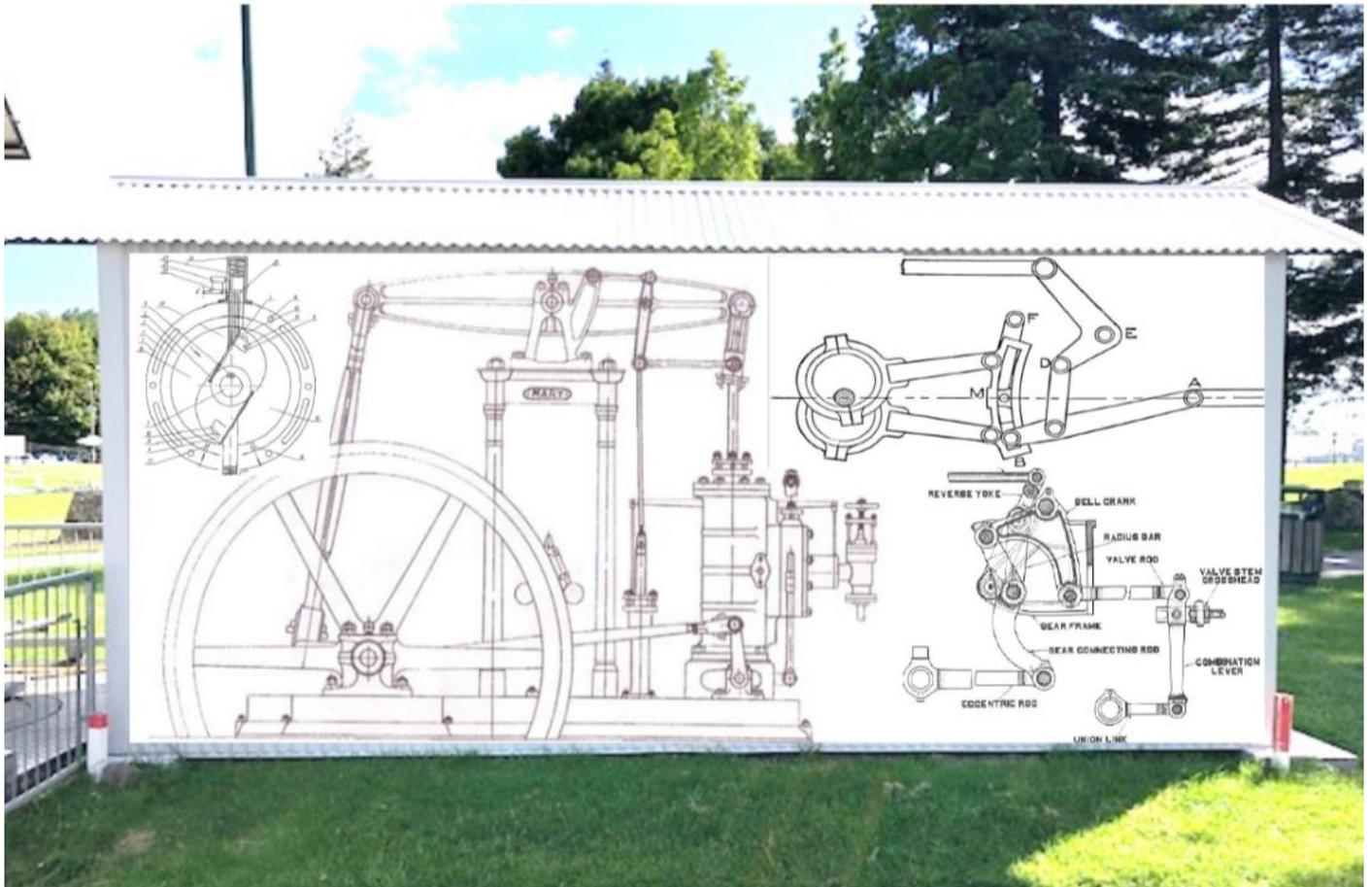
If you can assist Chris to replace the missing mags and bring the Library up to scratch again would be great. **PLEASE** check your boxes in “the back room” and help where you can.

MODEL ENGINEER

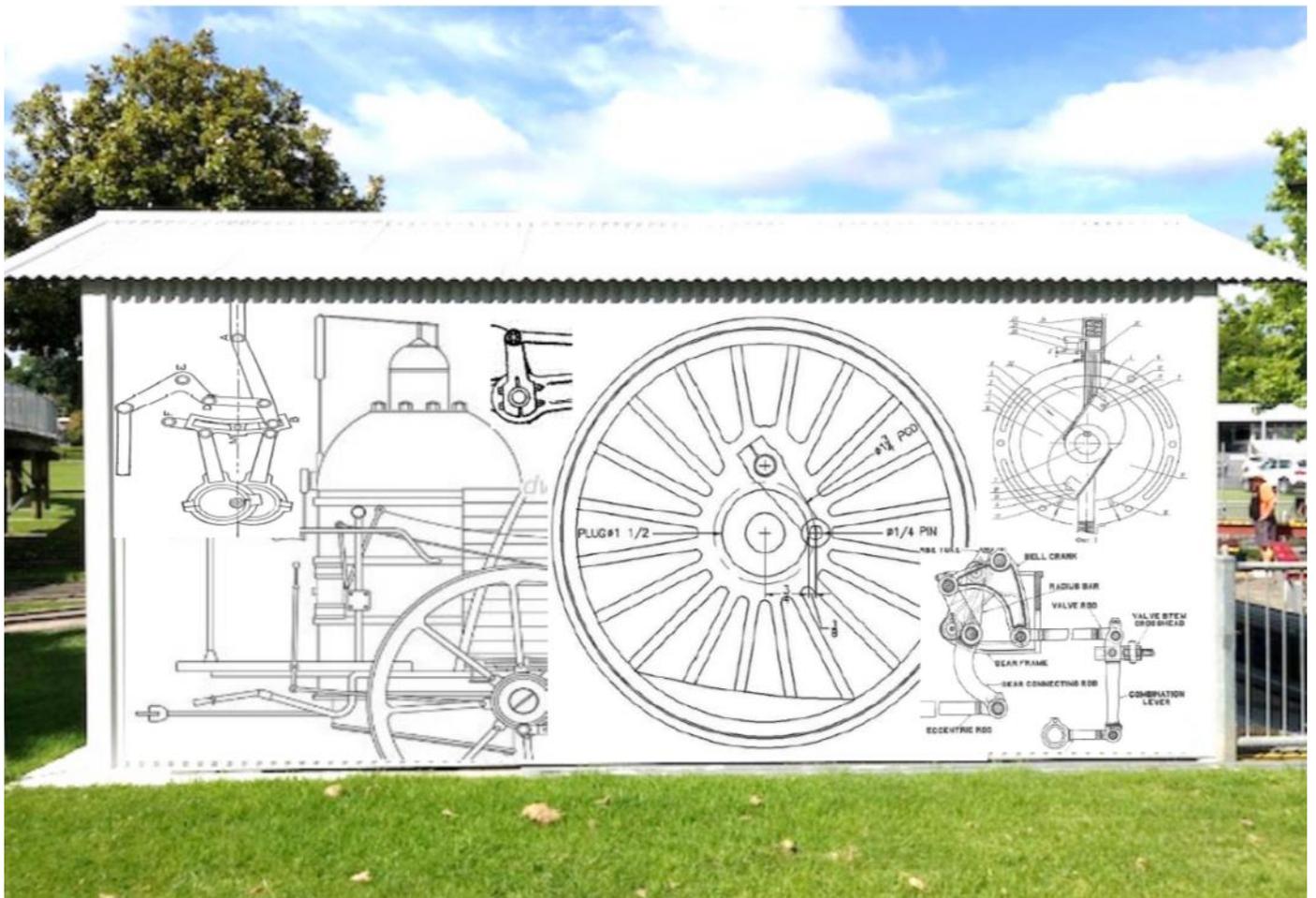
VOL.	YEAR	Issues	MISSING ISSUES
128	Jan - Apr '63	3208 - 3223	3224, 3225, 3228
154	Jan - Apr '85	3744 - 3751	3750
173	Jul - Dec '94	3972 - 3983	3975, 3976, 3980, 3982, 3983
193	Jul - Dec '04	4225 - 4236	4237
195	Jul - Dec '05	4251 - 4263	4257, 4258, 4259, 4260, 4261, 4262, 4263
197	Jul - Dec '06	4277 - 4289	4284
198	Jan - Jun '07	4290 - 4301	4292
203	Jul - Dec '09	4355 - 4367	4362
206	Jan - Jun '11	4394 - 4406	4395, 4401
207	Jul - Dec '11	4407- 4419	4416
208	Jan - Jul '12	4420 - 4432	entire volume
210	Jan - Jul '13	4446 - 4458	entire volume, except 4452, 4454
217	Jul - Dec '16	4537 - 4549	4537, 4539, 4340, 4541, 4547, 4549
218	Jan - Jun '17	4550 - 4562	4551
219	Aug - Dec '17	4563 - 4575	4565
220	Jan - Jun '18	4576 - 4587	4587
221	Jul - Dec '18	4588 - 4600	4595
222	Jan - Jun '19	4601 - 4613	4601, 4606
224	Jan - Jun '20	4627 - 4639	4629, 4630, 4632, 4635, 4636, 4637, 4638, 4639

Engineering in Miniature

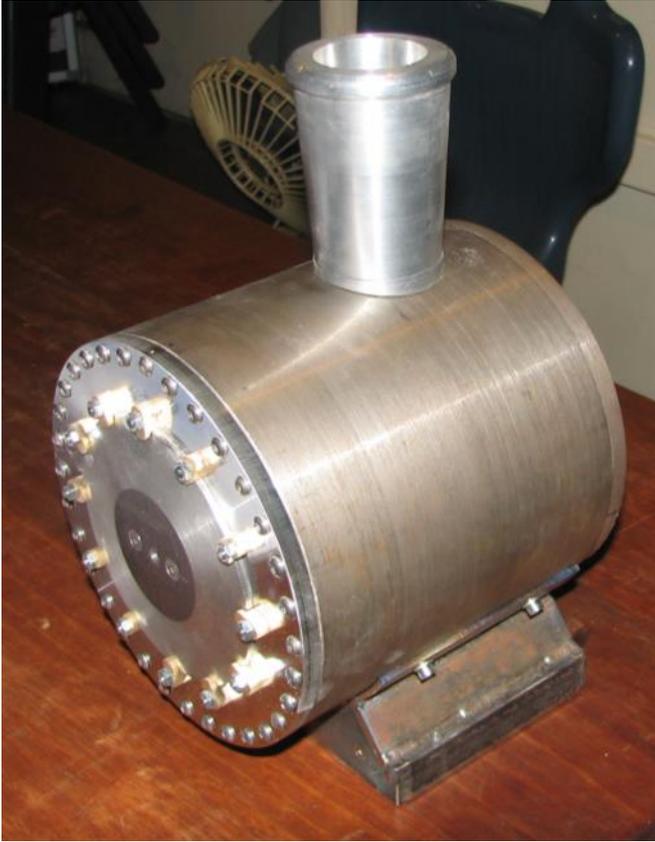
Vol	Number
36	12
37	All
38	1, 2



I recon these are real neat!!!! What do you think????????????????? Let Jason know your thoughts.
Proposals by Ashley Grant.



Show & Tell March 2021



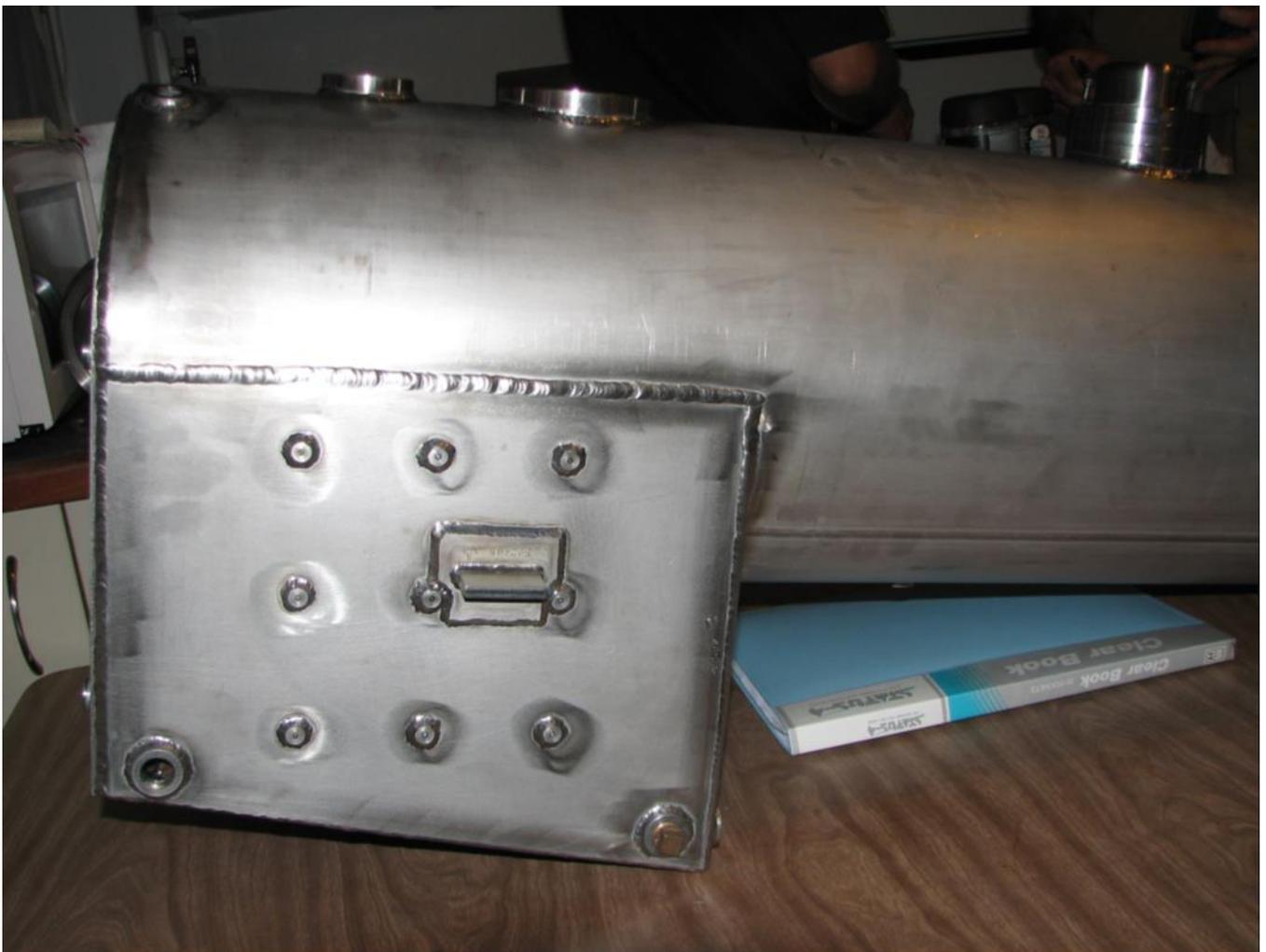
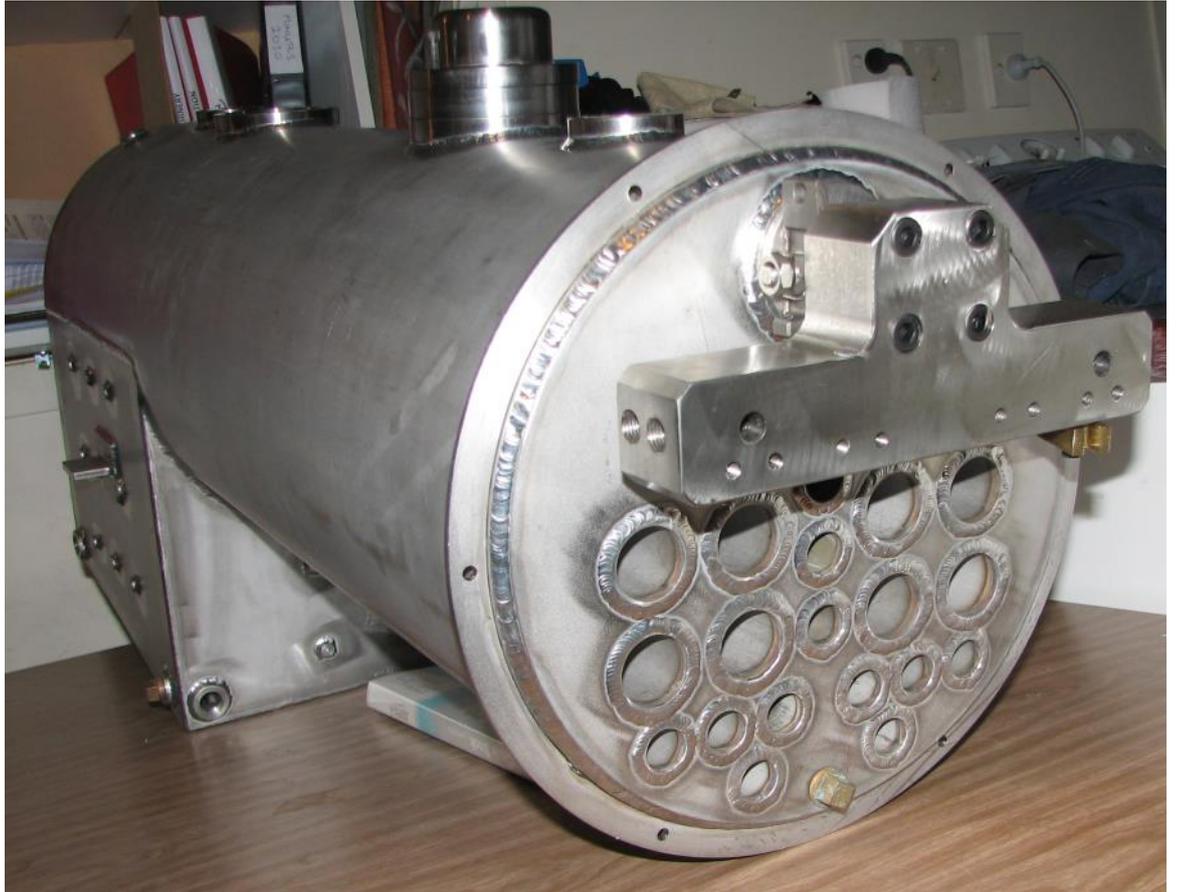
Above : The smoke box for Owen Bennett's Phantom

Below left : The cylinder block for John Bremner's Foden truck. The machining of that should keep him quiet for a good long tme!

Below right : The first of several axles for Ash Thoma's tender he has under construction.



Another couple of pics of John Stent's Garrett boiler. Wish I could weld as neat as that!!!!!!1



From the Cave at Katikati

I have been heavily involved with the Rotary Book Fair which was held recently. It took some 8 weeks of preparation to set this Fair up. I did see some of you supporting this event and I hope you were able to make some good purchases. So it's back to the w/shop now.

I have advised Jason that I will not be putting my name forward at this years AGM for the position of Editor. I have now done it for 6 years and feel it's time to bow out and let someone else have the challenge. I have enjoyed the experience and can now add Editor to my CV!!!

Regards Roy



PAGE MACRAE
Engineering

07 575 5079

page-macrae.co.nz

Need a new roof or re-roof?

Metalcraft Roofing is New Zealand's largest and most established privately owned building product rollformer and installer with an extensive range of Longrun Roofing profiles, Lightweight Metal Tiles, Rainwater System solutions, Insulated Panels, Metal fencing and solar Energy Panels. We offer a wide selection of roofing and rainwater systems all manufactured from New Zealand Steel Galvsteel®, Zinalume®, COLORSTEEL® Endura and COLORSTEEL® Maxx®.

Metalcraft Roofing | **COLORSTEEL** | 

42 Poturi St, Tauriko, Tauranga | 07 575 7032 | www.metalcraftgroup.co.nz

Disclaimer :

The views and opinions expressed in articles contained in this magazine are those of the author (s) and do not necessarily reflect the policy, position or opinion of the TMMEC or its officials.



Part of the new Matakana Island sawmill which has been recommissioned after being destroyed by fire in 1983.

Another picture from the Kanapine Timber and Hardware Calendar 1985

**PROUDLY SUPPORTING
OUR COMMUNITY**

CLASSICBUILDERS.CO.NZ



LIZ VAN WELIE AQUATICS 



From learn to swim to competitive swimming and everything in between - we develop swimmers.
 Mineral treated pools, fully heated private facility - open 7 days a week
 #lvwaquatics #learnwithpurpose #trainwithpurpose #swimwithpurpose
 79 Pyes Pa Road | P: 928 8822 | E: admin@lvwaquatics.co.nz | www.facebook.com/lvwaquatics

THANK YOU  **TECT** | for being at the heart of our community



www.tect.org.nz

Looms ???!!!! By the Editor

A guy who introduced himself as Peter (no not Lawn) walked into my workshop a couple of years ago, didn't know him from a bar of soap. "Can you help me?" he asked. I was in for a lengthily discussion on how a weaving loom works. Now, I did know a little about looms, my mother had a small kitchen table size one and produced scarves for all the family for Xmas and several other friends. In actual fact I've still got my scarf, it must be at least 60 year old now. However this guys loom or more correctly his wife's loom was quite large filling a single bedroom having a finished width of fabric up to 5 feet. His problem



was that the shuttle which holds the bobbin of wool on it and races back and forth from left to right through the warp has a plastic nose on both ends. The shuttle (see pic) is about 12 inches long pointed both ends similar to a canoe. The shuttle is manually rocketed left and right and hits the end of the shuttle box at the completion of its stroke. This sudden whack was destroying the plastic noses on the shuttle and the replacement ones also took little time to be demolished. He also wanted to alter the shuttle wool exit track which required a new hole through the shuttle

which was lined with a plastic tube to stop wearing the shuttle away. Now my stock of various engineering plastics is limited to some nylon (I believe) wheels that had come from a feed deck on a conveyer which I had found at Waiouru and thought that it "may become



useful at some stage". What its actual composition is I have no idea!

I decided as that was all I had to give it a try.

If it worked I thought it would be best to make several so a form tool was justified. Plastic is not my favourite material to machine however both parts turned out OK. I hadn't heard from Peter so I didn't know if that was bad or good! Like the proverbial penny, unannounced some 6 month ago Peter arrived with a new problem. To launch to shuttle across the loom a string (see bottom

right just over the hand) which has a centre handle is yanked in the direction the shuttle is to move. The rod (in pic bottom left) has a tear drop on it which is connected to the string.



The tear drop runs on the rod guiding it and the bottom of the tear drop pushes the shuttle to launch it on its way. Peter's problem was that the short bearing on the tear drop was wearing badly on the rod and the rod was wearing as well.





(In about the centre of the pic on the left you can see the “launch” handle and the pull string) This time I sent Peter to Supply Services at the Mount who recommended PE5000 plastic to Peter. Peter also “found” some 10mm HT shafting from which I made up 2 new teardrop rods, one for each side and bushes to suit for the teardrops with good clearances.

At this stage the “noses” are working fantastic but the teardrop slider bearings are wearing badly so will need to try some other material. Any suggestions??????????

Below : Note the deflector to ensure the shuttle goes into the shuttle box .



Above right : I called these the organ pedals. They change the pattern by altering the warp (The warp is the yarns which go length ways on the loom. The threads in the shuttle go across the pattern and are called the weft yarns. These pedals are connected to every warp thread so by pulling down on different pedals and different pattern will be formed.

Below left : Shows the shuttle box. Below right : Another smaller loom with solenoids to move the warp instead of the organ pedals.



TMMEC ITEMS FOR DISPOSAL.

The Committee would like to inform the TMMEC members of its intended disposal of two pieces of rolling stock.

As these two items were purchased for the club using club funds this offer is initially only available to current club members. If there is no interest from TMMEC members then alternate avenues may be considered.

If you are interested in either of these items then please let the Committee know before the next Committee meeting on the 8th of April 2021. Any tenders received will be assessed at the meeting and a final decision will be made.

They are

- 1) Jigger. The motor has recently been repaired by Naismith and Jones and should be in good running order. The bodywork is currently stripped down and the motor is out of the frame as this was required for establishing the intermittent running issue. The wiring also needs re doing. If you have any questions please speak to Bruce McKerras as he currently has the jigger stored in his garage.
- 2) The TMMEC works wagon. This is in good running order however the hand brake cable needs repairing. This is stored in tunnel one and can be viewed anytime the track is open / operating.

If you have any interest in either of these items then please email an offer / proposal to the Committee via the secretary@tmmecc.org.nz email.

Don't know??????

A stranger was seated next to Little Johnny on the plane when the stranger turned to Johnny and said, "Let's talk. I heard flights will go quicker if you strike up a conversation with your fellow passenger."

Johnny who had just opened his book, closed it slowly and said to the stranger, "What would you like to discuss?"

"Oh, I don't know," said the stranger, "How about nuclear power?"

"Ok," said Johnny, "That could be an interesting topic, but first let me ask you a question."

"A horse, a cow, and a deer all eat grass, The same stuff. Yet a deer excretes little pellets, while a cow turns out a flat patty, and a horse produces dumps of dried grass. Why do you suppose that is?"

"Jeez," said the stranger, "I have no idea."

"Well then," said Johnny, "How is it that you feel qualified to discuss nuclear power when you don't know shit????????!!!!????!!!!?????"



MORGANSTEEL

Steel Fabrication & Engineering Specialists www.morgansteel.co.nz

Outing / Visit

Our Club will be putting a stand in the Tauranga Vintage Tractor and Machinery “Crank Up Day” on the 11th April from 10.00 am to 3.00pm, 170 Hot Springs Road, Katikati. This is the Vintage Machinery guys annual event at which there will be displays of tractors, machinery, D9 dozer plus plus. It's only a gold coin donation so won't break the bank!!!! You will meet similar minded people who also have a great story to tell so **COME ALONG!!!**

Signalling Display Visit

Ken Ashman has invited the Club to visit his collection of Railway Signalling. Ken is the Kiwi Rail signals expert for the upper North Island and has a huge collection and an operational display of rail signalling equipment.

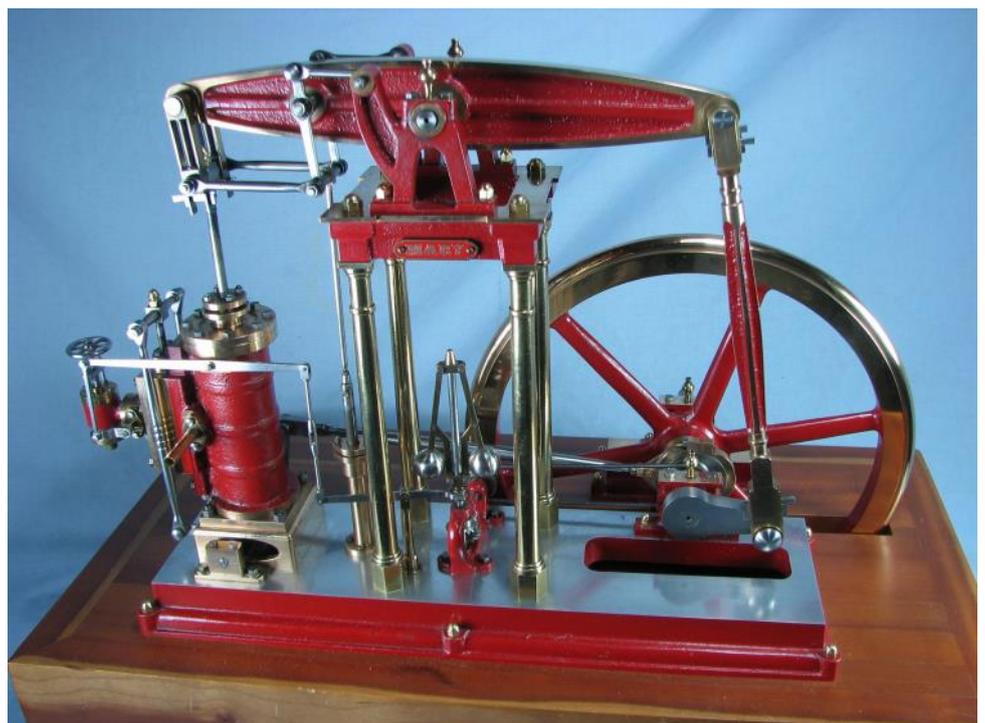
The visit is arranged for Saturday 17th April from 10.00am to 1.0pm at 57 Cemetery Road RD 9 Hamilton. Best to give Jason an indication if you are planning to attend. A cuppa and bickies will be supplied. It will take about 2 hours to get there from Tauranga so please allow adequate travel time. Make your own way to Hamilton as no Club transport is arranged..

Wanted

Chris Dunstan (ph 027 4931108) is “looking for a highly skilled steam engineer to build a high quality stove top steam engine that we can have slowly tick along to fascinate the grand children during the wintertime”.

If you are interested contact Chris directly. Ed

Pic for interest only





TMMEC 2021 CALENDAR

	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	
JAN																															
FEB	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APR																															
MAY																															
JUNE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
JULY																															
AUG																															
SEP																															
OCT																															
NOV	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DEC																															

- SUNDAY RUNNING DAY – 10am to 3pm
- OFFICIAL CLUB PLAYDAY
- COMMITTEE MEETING – 7pm START
- GENERAL MEETING – 7pm START
- ENGINEERING TUESDAY – 7:30pm START
- OPEN WEEKEND
- CANCELLED
- AGM

- CHR CHRISTMAS PARTY - 13 FEB
- 20-21 MARCH HAMILTON OPEN WEEKEND
- 29-30-31 MAY MANUKAU OPEN WEEKEND
- 17-18 JULY EBOP OPEN WEEKEND
- 30 OCT HALLOWEEN NIGHT RUN
- 12 JUNE WINTER NIGHT RUN
- 11th APRIL KATIKATI VINTAGE MACHINERY CLUB SHOW
- 3rd JULY NIGHT RUN