



# THE CENTURION SMOKEBOX

*"Providing smoking news and steaming interests to members and friends"*

## Centurion Society of Model Engineers

Kwikkie Crescent 999  
Centurion Lake Ext 1 (Zwartkop)  
PO Box 16023  
Lyttelton, 0140



[www.centuriontrains.com](http://www.centuriontrains.com)  
[csmetrains@gmail.com](mailto:csmetrains@gmail.com)  
[https://www.facebook.com/pages/-  
SocietyofModelEngineers/420612321335973?ref=hl](https://www.facebook.com/pages/-SocietyofModelEngineers/420612321335973?ref=hl)

GPS 25° 51.066'S 28° 10.971' E

No responsibility is taken by the CSME for any subject matter in this newsletter other than official Society notices.

## CSME NEWSLETTER JULY 2017

### COMMITTEE

Chairman – Leon Kamffer  
Vice chair. – John O'Mahony  
Treasurer – Ballot Marx  
Secretary – Imogene Groothuizen  
Committee – Jon Shaw  
Committee – Roko Popich  
Safety – Norman Reyneke  
Non-committee person contacts  
Caretaker – Louw Myburgh  
Webmaster – David Shaw  
Alarm system – David Gough  
News letter – Jon Shaw

(082-577-7813) email: [lkamffer@mweb.co.za](mailto:lkamffer@mweb.co.za)  
(082 809-3595) email: [john.o@telkomsa.net](mailto:john.o@telkomsa.net)  
(082-808-5783) email: [ballotmarx@gmail.com](mailto:ballotmarx@gmail.com)  
(082 484 4237) email: [imogenegroothuizen@gmail.com](mailto:imogenegroothuizen@gmail.com)  
(072 437 0710) email: [jonsamshaw@gmail.com](mailto:jonsamshaw@gmail.com)  
(012-345 2592) email: [popichfam@gmail.com](mailto:popichfam@gmail.com)  
(082-553-7344) email: [fangrj@telkomsa.net](mailto:fangrj@telkomsa.net)  
  
(012 643 0750) Phone and fax  
(083 326 2107) email: [david.vero.shaw@gmail.com](mailto:david.vero.shaw@gmail.com)  
(078 222 0695) email: [davepg@gmail.com](mailto:davepg@gmail.com)  
(012 332 0814) email: [jonsamshaw@gmail.com](mailto:jonsamshaw@gmail.com)

### Membership Fees 2017

**2017 SUBS R300 FOR ORDINARY MEMBERS  
R200 FOR SENIORS & STUDENTS**

AGM have fixed the fees at the same level until end of 2018

Subs are now due for review at 2018 AGM for 2019.

Bank details for any payments to CSME.  
For any payments please email details of payment to Ballot Marx at [csmetrains@gmail.com](mailto:csmetrains@gmail.com) or [ballotmarx@gmail.com](mailto:ballotmarx@gmail.com)

Bank Details are as follows:

Bank: First National  
Branch: Centurion, code 26-15-50  
Account Name: Centurion Society of Model Engineers  
Account No: 62060752906  
Reference: Your Full Name/ subs 2017( or what payment is for).

Note the account number change in red

Members are reminded that to obtain a CSME boiler certificate, the builder must consult our boiler inspector prior to commencing any work. This is to ensure the envisaged boiler is of an acceptable design and to ensure the boiler is built to current regulations and to plan the interim stages at which inspection is required. Our inspector is Leon Kamffer. CSME have now adopted the Pietermaritzburg boiler code which will be published on the member's page of the website. **ALL members are requested to ensure that CSME have copies of the boiler certificates for all their locos. Copies can be scanned and sent by email to [jonsamshaw@gmail.com](mailto:jonsamshaw@gmail.com) or [imogenegroothuizen@gmail.com](mailto:imogenegroothuizen@gmail.com) or alternatively, bring your certificate to either Jon Shaw or Imogene Groothuizen on club day to be copied or scanned. We then have a record should there be any insurance or Health & safety queries.**

According to our constitution those in arrears of subs for 2017 as at 1st May 2017 have automatically and voluntarily terminated their membership, and should contact the committee if they require being re-instated.

**If you are intending to drive a loco on our track you must either have subs paid up to date as at the time of driving, or be a bona fide paid up member of another model engineering society to be covered by our public liability insurance.**

### Official correspondence and newsletter

If you are not receiving mail from the CSME you should contact the secretary or editor to update your details. Those members without email can collect a copy of the newsletter from the clubhouse on track day.

### Next Club Meetings

**Saturday 19<sup>th</sup> August @ 12.30 at the clubhouse**

**This coming Saturday will be a steam up for members, children and guests with no public**

**Next running day will be Sunday 20<sup>th</sup> August 2017.**

**Next Committee meeting will be. Saturday 19<sup>th</sup> August 12h30 at the club committee room**

### Important Notices

1. **CHANGE OF CSME EMAIL ADDRESS.** NEW ADDRESS: [csmetrains@gmail.com](mailto:csmetrains@gmail.com)
2. **Do you read the newsletters?** 11Persons so far have returned a completed data update form.

#### The following items are for sale at the kiosk

- 1 Steam cylinder oil Engen Gencyl 460 available in 2L @ R120, 1L, 500mL and 250mL sizes are while stocks last. Smaller quantity prices Pro rata. Pack sizes will not be replaced until entire stock is sold. Prices are as at supply date and not increased until new stock is bought.
- 2 CSME coffee mugs, hats, and also 2016 national badges both cloth and metal.
- 3 Charcoal in 5Kg bags @ R30.00 and firelighters.R12.00 our suppliers have raised prices.

### June Saturday Club Day

The June Saturday club day meeting was cancelled due to the long weekend

### JuneTrack Day

The June track day was again well attended by the public. We had several locos pulling passengers but this time Leon's Garrett was driven by Michael and David as Leon was out of town but managed to return for the afternoon. Kevin Mey was also seen again on the inner track with his Butch. Henk's Fowler was driven by Michael, and Roko was also passenger hauling with Tannie.

Again we were well fed and watered by the Ladies who as usual kept us supplied with tea, coffee and wide variety of cakes etc. Thank you very much.

### Saturday Gang

The Saturday gang working will resume on Saturday morning 15<sup>th</sup> July so please Turn up to do your bit as there is plenty to do in preparation for the hobbies fair on the September long weekend.

### Monday Gang

The Monday gang as always have been busy fixing points and track, mending the lawnmower, overhauling carriage links and link pins and numerous other maintenance jobs.

A new tool and spares locker has been installed in the workshop. A start has been made on the landscaping around the lakeside loop.

### SA-CNC AGENDA FOR THURSDAY 13<sup>th</sup> JULY 2017 - 19:00-21:30

1. Ian Hewat of IGUS, a supplier of linear bearings, lead screws and many other fittings, mostly made in high quality polymer materials, will give us a presentation and display of some products. These items are of special interest to us for the project of a DIY EDM wire cutter.
2. We will present some design models (in Fusion 360 and other software) of EDM wire cutter designs for discussion and evaluation by the club members.
3. We will show and hand out some electric/electronic circuit diagrams for the EDM-wire project, for discussion and evaluation.
4. If time permits, we will show some further modelling of loco wheels in Fusion CAD and CAM

## Secretary's bit

And who do we have to thank ..... James Leenders for his donation of a beautiful laser cut facsimile of the Flying Scotsman.

We welcome a new member, Adriaan de Klerk.

In our birthday corner for July I have Nick Popich – happy birthday and successful modeling!

Then I am afraid that we are still waiting for the members' data forms to be returned☺.



The next bit is for our **ladies** – you would have heard that we are hosting a Steam Fair over the long weekend in September. As usual, willing hands are required. We need ladies to:

- sell tickets and promotional items
- wash dishes
- bring treats and man the cake table
- prepare a braai relish (for Saturday evening braai) – expenses will be refunded.
- buy some bread rolls/roosterkoek (for Saturday evening braai) – expenses will be refunded.

If you are able to assist, please let me know.

Imogene Groothuijzen. [imogenegroothuijzen@gmail.com](mailto:imogenegroothuijzen@gmail.com)

## Forthcoming events

**Pietermaritzburg MES** will be holding their Annual **wings wheels and whistles** during the **first weekend in August that is 5<sup>th</sup> and 6<sup>th</sup>** – so plan your leave!

**The CSME** will be holding their **Model Engineering Fair 2017** on September 23<sup>rd</sup> 24<sup>th</sup> 25<sup>th</sup> weekend and we will be open to members & members of visiting clubs for camping.

**If you wish to camp, either tent or caravan, please let us know in advance so that we keep space.**

You do not have to wait for an official weekend you can camp at any time by arrangement with our caretaker.

### **G scale model railway event held from 16<sup>th</sup> to 18<sup>th</sup> June inclusive.**

One or two members went to have a look at their layout and I think were suitably impressed by the size and detail of these very expensive models. The organisers have expressed interest in setting up a display at our September event, so we look forward to their participation



### **Pietermaritzburg Model 'B' engine**

Pietermaritzburg have now produced a model 'B' vertical single cylinder steam engine kit similar to the model 'A' produced last year. Price is R300

There are also some Model 'A' engines at R300 each & twin cylinder upgrade kits that can be used for either engine at R100 each

If you wish to order from Jon Shaw a list will be made and the kits collected at the WWW this year and transported to CSME for distribution. In the interest of promoting the hobby CSME is not adding a mark-up.

If you wish to order an engine or conversion kit to be brought up from Pietermaritzburg at the end of their August WWW 2017 please send an EFT to the CSME bank account:

**Clearly marked** with either PMB A, or PMB B, or PMB CC **and add your name** then send a copy to [jonsamshaw@gmail.com](mailto:jonsamshaw@gmail.com) who will add your order to the list of engines to be brought up.

Engines pre-paid and ordered will be collected from Pietermaritzburg and be available for collection from CSME clubhouse on track day 20<sup>th</sup> August 2017. **Payment and your order must be received before the end of July 2017** Any RSME members wishing to order may use the same system, any models ordered will be transported from CSME to RSME at the first available opportunity.

Account Name  
Account Number  
Bank  
Branch Number

Centurion Society of Model Engineers  
**62060752906**  
FNB  
26-15-50 (Centurion)

## Commercials

**Use this newsletter to advertise your for sale and wanted (wish list) items.**

**If the editor is not informed as to when to delete adverts, these will be removed at the editor's discretion**

**Wanted** Jon Shaw needs a workshop manual for a 2005 Opel Corsa 1.7DTI Bakkie to either buy or loan for a few days. Haynes manual number 5577 is the nearest to my requirement unless you have genuine Opel documentation.

[jonsamshaw@gmail.com](mailto:jonsamshaw@gmail.com) or phone 0123320814 cell 0724370710.

### **FOR SALE**

When my father passed away in 1992 he was busy building a 3½" gauge scale model of a Class 15 Rhodesian Railways Garratt locomotive. It wasn't initially to come to me in his will but by a circuitous route it has landed up in my workshop.

I felt that I could complete it and run it in Port Elizabeth. This plan was all very well until I really gave it a lot of thought. The first problem is that my workshop is too small and does not afford me enough space so it has been decided to sell the locomotive. A further problem is that I do not have enough time left to me.

The boiler has a certificate issued by PEMLS but it has not yet steamed. It has run on compressed air very successfully. The state of build is about 75% completed. There is a full set of drawings, an erection trolley and a transport board. **The selling price is R50 000.**

ROBIN DUNSTAN - Tel: 041 585 2614 § Cell: 078 266 7752

EMAIL: [inprintpe@telkomsa.net](mailto:inprintpe@telkomsa.net)



**Ian Dewsbury** is interested in the hobby and is contemplating constructing a loco, so he needs some means with which to proceed, so if you have a lathe for sale such as a Myford ML7 or similar in reasonable condition contact him at [dewsburyian@gmail.com](mailto:dewsburyian@gmail.com) , alternatively if you can offer advice on which would be good Chinese lathes please contact him.

### **Wheels required**

A modeller needs a pattern or castings for 160mm wheels for a 5" gauge British loco. If someone has a pattern to borrow or wheels to sell please contact Leon Kamffer on [lkamffer@mweb.co.za](mailto:lkamffer@mweb.co.za) or 0825777813.

### **Now the fun bits**



Someone said they recognise the Monday Gang



Track Extension at diamond crossing?

The FAA has a device for testing the strength of windshields on airplanes. They point this thing at the windshield of the aircraft and shoot a dead chicken at about the speed the air-craft normally flies at it. If the windshield doesn't break, it's likely to survive a real collision with a bird during flight.

The British had recently built a new locomotive that could pull a train faster than any before it. They were not sure that its windshield was strong enough so they borrowed the testing device from the FAA, reset it to approximate the maximum speed of the locomotive, loaded in the dead chicken, and fired. The bird went through the windshield, broke the engineer's chair, and made a major dent in the back wall of the engine cab. They were quite surprised with this result, so they asked the FAA to check the test to see if everything was done correctly. The FAA checked everything and suggested that they might want to repeat the test using a thawed chicken

**IF POSSIBLE PLEASE DISTRIBUTE THE POSTER BELOW**



# Model Engineering Fair

**23 to 25 September 2017**

**09:00 to 16:00**

**Join the Centurion Society of Model Engineers for a fun  
day out with family and friends**



**Meerpark Station**  
999 Kwikkie Crescent  
Centurion Lake  
Tel: 012 643 0750  
GPS: 25°51.066'S, 28°10.971'E  
[www.centuriontrains.com](http://www.centuriontrains.com)

**Model train rides**  
**Exhibition of steam engines**  
**Hobbies and crafts**  
**Model boats**  
**Picnic & braai**  
**Food and cool-drinks on sale**

**Entrance : R 10 per person (includes one free train ride)**  
**Train rides : R 10 per person (over 2y)**