

THE CENTURION SMOKEBOX

“Providing smoking news and steaming interests to members and friends”

Centurion Society of Model Engineers

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

CSME NEWSLETTER

June 2016

COMMITTEE

Chairman – Rudy du Preez
Vice – John O’Mahoney
Treasurer – Mike Venter
Secretary – Edward Lloyd
Committee – Jon Shaw
Committee – Leon Kamffer
Committee – Ballot Marx
Non-committee person contacts
Caretaker – Louw Myburgh
Webmaster – David Shaw
Alarm system – David Gough
News letter – Jon Shaw
Safety – David Gough

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Membership Fees 2016

2016 SUBS

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

Bank details for any payments to CSME.
For any payments please email details of payment to Mike at csoe.09@iburst.co.za

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 2014.

Note the account number change in red

AGM have fixed the fees at the same level until end of 2017

Subs are now due for review at 2017 AGM for 2018.

15 members renewed their subs on January track day.

According to our constitution those in arrears of subs for 2015 as at 1st May 2015 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.

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 or loyded@telkomsa.net or alternatively either bring your certificate to Jon Shaw or Rudy du Preez on club day to be copied or scanned. We then have a record should there be any insurance or Health & safety queries.**

58 members inc Boat, yatch & CNC club have renewed their membership to date

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.

2016 Nationals

A subcommittee has been formed consisting of Bill Williams, Imogene Groothuizen, John O'Mahoney, Ballot Marx, & Jon Shaw,

If you have any ideas for the event please put them to us. The committee and work gangs cannot handle everything and now is the time for the less active members to do something and give back to the club no matter how small your contribution.

The ablution facilities for ladies and gents have been up graded and a gent's toilet added at the steaming the bay as per feedback from the 2012 National.

Thanks

Thanks to the Saturday gang for turning up on a wet day and getting webbed feet, we at least managed to get one concrete plinth done for the points levers!

Thanks to Imogene Groothuizen for re-typing our constitution and house rules into word from pdf so that we can work on it.

Thanks to Slater's Coal for delivering a load of coal peas on 16th May.

Thanks to Bertie De Klerk from Nelspruit for his donation of his collection of model engineer issues.

Monday Gang

The bridge main structure is finished and being painted, the chequer plate for the platform base has been finished. The hand rails must be fitted. Steel rail sleepers have been made and are being fitted. Then rail sections must be made and connected to the track on either side of the bridge and track concreting completed. The landscaping around the new extension has been started and a TLB is required to shift large amounts of rock and soil.

Safety railings still have to be fitted to the sides of the concrete culvert. A large amount of work must be done to landscaping around the new extension.

Saturday Gang

The Saturday gang have a lot to do prior to the national so please support Leon Kamffer in his sterling efforts each Saturday prior to the Sunday track day. We had four turn up on Saturday 14th May. Much more encouraging! Pity we were let down by the weather when we had volunteers turn out. You can't always win! The next session will be on **18th June 2016** the bases for points levers have been laid so the levers can now be fitted.

People planning to come can call Leon Kamffer on 0825777813 to confirm their intentions.

Paraffin and Steam cylinder oil

If anyone requires to purchase 20 or 25L of Paraffin at wholesale price (+/- R8 per litre) in the near future contact Jon Shaw as CSME will have to purchase their supplies before the national and yours can tag on to the bulk order. The same goes for steam oil sold in 20L containers of "ENGEN GENCYL 460 steam cylinder oil" If you want some don't wait until we have ordered let us know now.

Progress on the PEV.

As the pioneer of this project is overseas, more next month.

An update on the note from our vice chairman

Eureka! The Dennis missing parts have turned up in a safe place – so safe we could not remember! Dennis refurbishment can go ahead as soon as the refurbished wheel sets arrive.

Thomas has had the hydraulic gearbox serviced and refitted by John O'Mahoney so that should be back in service.

Barry is a little worn thin in the flanges so is currently used as backup until the other two are back on track. So, really this only leaves N0 7 for passenger hauling on non-club days.

Centurion Society Track Standards.

CSME have not in the past published track standards and certain of the features of the new track extension require certain limitations so the track standards below are being considered. **If any member has any comments on this please contact the committee in writing without delay as absence of any comment will be taken as approval and considered by the committee for ratification at the July committee meeting.**

CSME track is based on British Model Railway Wheel and Track Standards as suggested by Martin Evans and published in Model Engineering literature such as the Model Engineers Handbook. This is similar to the society for Model and Experimental Engineers (SMME) standards.

The track has the 3 common model Engineering gauges of 3 ½ inch (89mm), 5inch (127mm) and 7 ¼ inch (184mm) on both the short inner and outer original track. The outer track extension only caters for 5" and 7 ¼ " locomotives.

Summary of the SMME track standards and wheel profiles required for running at CSME:

	3 ½ " Track	5" Track	7 ¼ " Track
Track Spacing	89 mm	127 mm	184 mm
SMME Back to Back	83 mm	119 mm	172 mm
SMME Check Rail Back to Back	82.4 mm	117.4 mm	170.2 mm
Minimum Back To Back Allowed	81 mm	115 mm	168 mm
SMME Tyre Width	9.5 mm	13.6 mm	19.7 mm
SMME Flange Depth	2.8 mm	3.6 mm	5.2 mm
Maximum Flange Depth Allowed	6 mm	6 mm	8 mm

The Pietermaritzburg Model Engineering Society has undertaken to design a simple steam engine made from laser-cut steel that can be put together with mainly hand tools. The first two prototypes have been built in less than a day and proven to be very smooth running machines. The main purpose of this project is to try to stir up some new interest, and possibly new members to tackle a project without having to worry about the cost of castings. The engine can be very simple or more detailed depending on what machinery you have available to you. These kits are available to order at around R250.00 John O'Mahoney and Ballot Marx have obtained them so ask them if you want to know more about them. Contact Martin Hampton martinjchampton@gmail.com or Andries Keyser andrieskeyser@yahoo.com to order and arrangements can be made to get them here in September.



Wanted by the Editor

I am trying to find our newsletters prior to 2002 and a few odd ones since. If you have kept any on file please make them available to me to scan and return to you. I will take great care of them while I have them.

I also need bits and pieces to publish – workshop or engineering tips helpful to others or anything of interest to the hobby that can make the newsletter interesting to members. I need to give you what you want to read. Thanks Nick for your loan of documents. If anyone else can help, please do so.

LOOKING FORWARD INTO 2016 & 2017 FORTHCOMING EVENTS

Wings Wheels & Whistles at Pietermaritzburg 6th and 7th August 2016

National live steam meet 2016- CSME will host this event 24th & 25th September.

RSME SPRING STEAM MEET for 3 consecutive days during school holidays between 1st and 9th October, actual dates to be determined later in the year.

The Great Model Train Expo Hoerskool Randburg 8th & 9th October 2016

Next Stars of Sandstone is scheduled for 2017

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

Iain Headland has a Springbok in pieces for sale. 99% of it is there but needs a new boiler due to the existing one being soft soldered and collapsing. I have about 95% of the copper Inc tubes, flanged plates copper sheet for rolling the boiler and firebox. It needs a bit of work on some very minor items. The copper alone is worth R11 000.00. Drawings are A3 and I have copies of all the construction articles

I am asking R15 000.00 for the lot. **The best way to contact me is via email.**

headlandian@gmail.com

Thanks. Iain Headland CSME Member, Ex President JLSC

The Monday and Saturday gangs are appealing for any spare tools you might have lying around. Mainly hand tools like pliers, spanners, odd sockets ¼ & ½ " drive, hex keys, and a solid lockable metal toolbox etc. But any tools donated will be put to good use.

if you are interested in building a 7.25 Fairlie complex contact Jon Shaw who has access to drawings and some parts donated from the estate of the late John Gundry which can be viewed by appointment. A cash offer to the committee will be considered.

CSME are looking for a coal crusher, if anyone has one to donate it will be gratefully received.

Next Club Meetings

Saturday work party 18th June 2016

Next running day will be Sunday 19th June 2016.

Committee meeting. Contact Rudy du Preez.

