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# AUSTRALIAN ASSOCIATION OF LIVE STEAMERS

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AALS Web Site  
[www.aals.asn.au](http://www.aals.asn.au)

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## 60<sup>th</sup> ANNUAL CONVENTION AGM AGENDA Saturday, 26<sup>th</sup> March 2016 at 7.45 pm at the grounds of the S.W.M.E., Cobden, Vic

1. **The President of the South Western Model Engineers, Mr Graham Ralph, will hand over to the President of AALS, Mr David Proctor.**

The meeting will open at 7.45 pm

2. **APOLOGIES**

(An attendance list will circulate.)

3. **DEPARTED FRIENDS**

The following friends have departed this life since we were last together:

Alan Donald – Box Hill Miniature Steam Railway Society, Vic  
Alan Taylor - Hornsby Model Engineers Co-Op Ltd, NSW  
Alf Harder - Tullamarine Live Steam Society, Vic  
Barbara Funston – Bankstown Steam Locomotive Society, NSW  
Bill Frith – Hornsby Model Engineers Co-Op Ltd, NSW  
Bill Hull – Hornsby Model Engineers Co-Op Ltd, NSW  
Bill Whenn - Hobart Miniature Steam Locomotive Society Inc.  
Bob Scanlan – South Australian Society of Model & Experimental Engineers, SA  
Bradford Pocock – Western District Live Steamers Co-Op Ltd  
Cec Appleby –Wagga Wagga Society of Model Engineers, NSW  
David Brown – Malborough Associated Modellers Society Blenheim, NZ  
David Crisp - Hobart Miniature Steam Locomotive Society Inc, TAS  
David Edmunds – Townsville & District Society of Model Engineers, QLD  
Don Springbett – Clare Valley Model Engineers, SA  
Eddie Payne – Mudgee Miniature Railway, NSW  
Eric Nash – Malborough Associated Modellers Society Blenheim, NZ  
Grant Tunn – South Australian Society of Model & Experimental Engineers, SA  
Gordon Myles – South Australian Society of Model & Experimental Engineers, SA  
Harry Close – Geelong Society of Model & Experimental Engineers, Vic  
Hugo Poblete – Illawarra Live Steamers, NSW  
Jim Fainges – Qld  
John Henthorn – Box Hill Miniature Steam Railway Society, Vic  
Keith Hartley – Steam Locomotive Society of Victoria, Vic

Keith Redgrove – Hornsby Model Engineers Co-Op, NSW  
Ken Beresford – Diamond Valley Railway, Vic  
Ken Rowe – Lake Macquarie Live Steam Locomotive Society, NSW  
Lloyd Reynolds – Sydney Society of Model Engineers, NSW  
Maurice Rachow – Central Coast Steam Model Co-op Ltd, NSW  
Mike Young – Gippsland Model Engineering Society  
Norm Hatherly – Geelong Society of Model & Experimental Engineers, Vic  
Patrick Murphy – Diamond Valley Railway, Vic  
Phil Augustine – MELSA Rockhampton, QLD  
Ray Carter – Tullamarine Live Steam Society, Vic  
Ray Cartwright – Lake Macquarie Live Steam Locomotive Society, NSW  
Robert (Bob) Hill – Steam Locomotive Society of Victoria, Vic  
Shirley (Cookie) Mundy – South Australian Society of Model & Experimental Engineers, SA  
Tom Walker – Central Coast Steam Model Co-op, NSW.  
Bruce Teasdale – Queensland Society of Model & Experimental Engineers

The Chairman, David Proctor, will call for a minute's silence to remember them.

4. **MINUTES of 2015 AGM (circulated)**
5. **CORRESPONDENCE**
6. **PRESIDENT'S REPORT (circulated)**
7. **SECRETARY'S REPORT (circulated)**
8. **ADOPTION of FINANCIAL STATEMENTS and Receipt of AUDITOR'S REVIEW REPORT (circulated)**
9. **INSURANCE OFFICER'S REPORT (circulated)**
10. **AMBSC CHAIRMAN'S REPORT (circulated)**
11. **ALSSC CHAIRMAN'S REPORT and CONSULTATION REPORT (circulated)**

The Proxy Voting Form will serve the dual purpose of identifying your selected Proxy voter at the Meeting and include an abbreviated list of the motions and tick boxes which may be completed with your (Society's) instruction concerning your vote for each of the motions. Voting may be conducted on the Proxy Voting Form enclosed or by your Proxy at the meeting.

12. **GENERAL BUSINESS**

**ELECTION OF OFFICERS**

**12(a) National Vice-President of AALS Ltd**

One nomination was received for the position of National Vice President of AALS Limited.

Ray Hall was nominated by the Penfield Model Engineers Society  
Ray Hall's CV is attached.

**12(b) Chair of Australian Live Steamers Safety Committee**

No nomination was received for the position of Chair of Australian Live Steamers Safety Committee.

**12(c) Secretary, Australian Live Steamers Safety Committee**

One nomination was received for the position of Secretary, Australian Live Steamers Safety Committee.

Alf Grigg was nominated by the Campaspe Valley Miniature Railway.  
Alf's CV is attached.

## **12(d) Secretary, Australian Miniature Boiler Safety Committee**

This is for a one year term, to bring the position back into line with the AALS Constitution.

One nomination was received for the position of Secretary, Australian Miniature Boiler Safety Committee.

David Thomas was nominated by The Sydney Live Steam Locomotive Society.  
David Thomas's CV is attached.

## **13. SPECIAL BUSINESS**

### **Proposed amendments to the AALS Code of Practice for the Operation of Miniature Railways, Road Vehicles and Plant.**

#### **13.1 Add the following clauses:**

Under 5.7.8 Guards, add:

5.7.8.7 Not use a mobile phone while the train is in motion.

and

Under 5.7.9 Drivers, add:

5.7.9.4 Not use a mobile phone while the train is in motion.

#### **Background:**

The amendments are to prohibit the use of mobile phones on moving trains to improve safety by the avoidance of mobile phones as a distraction.

### **Proposed amendments to the AALS Code of Practice for the Training of Operation of Miniature Railways, Road Vehicles and Plant.**

#### **13.2 Add the following section 9.2.3 to Section 9 Operators:**

9.2.3 Additionally, where the operation of a steam boiler is involved, the following subjects shall be included:

9.2.3.1 Quality of water used in boilers.

9.2.3.2 Operation of water gauges and water level.

9.2.3.3 Process to raise steam and operate the boiler.

9.2.3.4 Checking and operation of gauge glasses, safety valves, injectors, pumps, brakes and whistle.

9.2.3.5 Procedures in the event of loss of water in the boiler.

9.2.3.6 Shutting down procedures.

#### **Background**

This amendment is to include boiler operation subjects in the training manual.

#### **13.3 That the draft AALS code for "Gas Firing of Small Models" be approved and adopted for distribution as a download from the AALS website.**

This code in its current draft form has been through the ALSSC Consultation process and can be perused on or downloaded from the AALS website ([www.aals.asn.au](http://www.aals.asn.au))

#### **Background**

With the assistance of Brian Carter and Allan Wallace, a proposed code for gas firing of small models has been compiled which incorporates much of the information received from previous requests as well as from documents published by the UK Model Power Boats association and the G1 MRA. Some information has also been obtained from the online 16mm gauge forum.

In the course of sifting all this data it became apparent that the code should be restricted to butane containers (i.e. not mixed gases) and that commercial suppliers would be exempted as they would have their own systems in place to ensure safe gas containers.

The important factor in determining the pressure that the gas container needed to withstand, is determined by the potential temperature of the container. The UK documents used a temperature based on BS5355, a standard that applies to all forms of gas containers, including oxygen, LPG, acetylene etc. The temperatures to be applied varied depending on which part of the world you were in. The temperatures applying to Australia were very high indeed.

As the small containers we were considering are quite different to commercial cylinders in use and application, we went back to basics to determine the temperature. As a result of various tests supported by mathematical modelling of the heat inflows and outflows from the container, it was considered that 50C was an adequate temperature.

Given that all pressure vessels have a factor of safety, hydrostatic testing to twice working pressure would be applied, as common on AMBSC boilers.

This factor of safety can also be applied to the butane container. Thus on one hand we believe that in normal operation 50°C will not normally be exceeded, but should an abnormal situation occur, the twice working pressure safety factor would cover a temperature rise to about 80°C.

The adoption of 50°C then allows the pressures to align with that for the AMBSC Code Part 3 for Medium Pressure Boilers, and accordingly that document is referenced for structural aspects of the gas container. Aligning the stress requirements with this code is sensible, promotes a general knowledge of acceptability that comes from working to a common document and eliminates potentially multiple standards. The only variance to this is the permissible use of brass, and the authorisation for 20 x 1.2 extruded brass section to be used, both items not usually permitted as part of an AMBSC pressure vessel.

As users need to be aware of the temperature issue there are some words in the Code about this. It is also noted that the disposable canisters used for filling our models, also have a 50°C maximum.

Finally, the records that need to be kept are kept as simple as possible. It is proposed that sheets will be able to be downloaded from the AALS website, so no need for bound books, etc. Hopefully this will promote computerised records.

The code is intended for watercraft as well as garden gauge locomotives; however input from watercraft users in this area has been a bit light on. Accordingly some generalised safety precautions have been included.

These explanatory notes were displayed under the News section of the AALS website with contributions being invited and received up to the 30<sup>th</sup> November, 2015.

#### **13.4 DISCUSSION ONLY.**

A submission has been lodged by the Castledare Miniature Railway that the driving age for both steam and diesel locomotives as shown currently in the Operating Code be amended to 16 years of age, where it does not contravene State legislation. This item appears on this Agenda as a discussion point only, to get an indication of the level of support for change before passing it over to the ALSSC to put through its Consultation process. If supported, the ALSSC will then undertake the processes which will result in motions to amend the Operating Codes at the 2017 AGM. An item relating to this discussion appears on the AALS website.

Castledare have also lodged submissions on “yoke buffers” as a coupling system and the non-fitting of couplers to bogies, both of which have gone straight into the ALSSC Consultation process for 2017, for further action at the 2017 AGM.

#### **14. APPLICATIONS FOR AFFILIATION**

One application for affiliation has been received from the Victorian Miniature Railway Inc. The key people involved in this venture are Andrew and Karen Mierisch. They are currently seeking a site in central Victoria to build a substantial 7.25" gauge railway, planned for about 20 kilometres on 100 acres. They have met all the necessary requirements for Affiliation as well as supplying a detailed future plan.

##### **14.1 That Affiliation be granted to Victorian Miniature Railway Incorporated.**

*(The Board has no objections to this application)*

#### **15. AFFILIATION FEE 2016-2017**

The Board recommends That the Affiliation Fee remain at \$4.00 (which includes the GST).

##### **15.1 That the Affiliation Fee for 2016-2017 remain unchanged at \$4.00**

*Comment: The reasons are that the Association's expenses were stable and this figure would maintain a satisfactory level of funds.*

*Please cast your votes on the Proxy Form enclosed, or cast your vote by your Proxy at the meeting.*

#### **16. WHEN AND WHERE: 2017 AND BEYOND**

2017: Lake Macquarie Live Steam Locomotive Co-op Society Ltd

2018:

2019:

*PLEASE NOTE THAT SUBMISSIONS FROM YOUR SOCIETY TO HOST ARE WELCOMED BY THE BOARD.*

#### **17. VOTE OF THANKS**

Close of Meeting

The presentation of annual awards will be at 7.30 pm Sunday 5<sup>th</sup> April, 2015