



June 2004

## A New 'Paris Type' Boiler by Bob Tanner

### Inside this issue:

Special General Meeting	2
Library Update	2
May Meeting	3
Comment on C38	4
For Sale, Wanted etc.	4

### Your Committee

President  
Dick Langford 9408 0081

Vice President  
Ron Date 9246 2835

Secretary  
Andrew Manning 9446 4825

Treasurer  
John Shugg 9246 9549

### Committee Members

Phil Gibbons 9390 4390

David Hunter 9445 1432

Ray Shersby 9277 7306

Milton Smith 9495 1680

### Safety Officer

Andrew Manning 9446 4825

### Publicity & Events

Jim Crawford 9276 5464

### Librarian

John Martin 9448 8843

### Newsletter Editor

Jim Clark 9446 5870

NDMES  
PO Box 681  
Balcatta 6021  
Western Australia



I knew that upon moving to a town house in the city, with a workshop but no spare space to house a boat, would preclude me from constructing a larger boat - it was out of the question!

The copper boiler built and fitted in the present boat was originally sized for this intended new project together with rebuilding the existing engine into a twin. So what to do about this situation?

I could leave things as they are, but then the present oversize boiler occupies too much boat space and the fireman is trapped in the for'd area when underway.



Left: Quarter front view of the boiler elements.  
Above: Overall view of firebox less cladding.  
All photos by Bob Tanner

After much cogitation I decided to construct a new coal fired boiler, sized to steam the existing single cylinder engine. The new boiler has worked out to be a much smaller unit incorporating a change of design from the existing wood fired vertical bi-drum water-tube type to a "Paris" design (copper) water-tube type.

*(Continued in Supplement section)*

## CALENDAR OF EVENTS

<b>General Meeting</b>	Club Meeting Room Vasto PI, Balcatta	8:00 pm	Friday 11 June
<b>Club Work Day &amp; Run Day</b>	Club Track Site Vasto PI, Balcatta	8:00 am—12:00 pm Run 12:00 onwards	Sunday 13 June
<b>Public Run Day</b>	Club Track Site Vasto PI, Balcatta	11:00 am—3:00 pm	Sunday 27 June
<b>General Meeting</b>	Club Meeting Room Vasto PI, Balcatta	8:00 pm	Friday 9 July

---

---

# Minutes of Special General Meeting

by Andrew Manning

The Special General Meeting was opened at 8:00 pm with the President Dick Langford in the Chair.

**Attendance** — Members: 26.

**Apologies** – N. Merchant, J. Crawford, C. Chapman, S. Briggs, Bob Brown, P. Jennings, D. Hunter, S. Martyn, T. Kain.

The purpose of the Special General Meeting was as detailed in the notice of meeting dated 24<sup>th</sup> April 2004 to: -

1. Consider the following motion **“That the current constitution be withdrawn and replaced by the new updated constitution, a copy of which is attached to the notice of meeting.”**

The Chairman had received two letters regarding the motion. They both argued against the change. The letters were read out to the meeting.

The key elements against the motion were:-

- There had not been enough discussion with members to get their input and ownership.
- There were likely to be very significant changes required as a result of the pending incorporation of AALS.

On the basis of the above, the mover and seconder agreed to withdraw the motion. No further action will be taken on the constitution until there is more information available to the Committee on the impact of AALS incorporation and discussions occur with members to get their input.

*(See President’s Thoughts in the Supplement section).*

Until the constitution is updated or replaced the Society will be operating with an out of date constitution.

**2. Discuss the operation, maintenance and funding of the Society.** The key outcome the Committee is looking for is to get more members involved in maintenance and operation of the Society’s facilities.

The Committee advised that following significant feedback from members on the proposed fee increase and rebate scheme, the idea will not be progressed.

Two ideas from Peter Jennings were presented: a) the Society organise to collect items and have a car boot sale. b) Retirees that work regularly at the site doing maintenance and improvements be given a discount on membership.

The car boot sale has been successful in the past but requires quite a lot of effort. The idea of the discount is similar to the original increase/rebate idea.

There was little discussion unfortunately, other than that we would be better off with more members and that membership was falling..

*(Membership has reduced by a total of 4 in the last year — three member’s partners did not renew membership, one member moved interstate, and Mike Rogers elected to renew his membership only with Bunbury to save paying two lots of insurance. We have had 4 members resign and 5 new members join).*

Andrew Manning proposed that the Club Run Day on the Sunday following the monthly General Meeting is a combined work and play day. This seemed to meet with general agreement and will be implemented from June. The workday on the Saturday following the General Meeting will be dropped.

The Special General Meeting closed at 8:35 pm.

**Andrew Manning**

---

## Library Update

As noted in last month’s Steamlines, a large number of donations have recently been received for the Library, recorded and incorporated into the main collection.

In February 2004 we received a massive donation of material from the former WA Model Engineering Club, which had earlier disbanded and had been stored by members, again pending the provision of secure storage at Balcatta. This has now been sorted and catalogued and has been integrated into the main collection. In summary the donation consisted of:

**Bound Volumes** —

24 of Model Engineer Magazine; 2 of Live Steam; 5 of Australian ME; 7 of Engineering in Miniature; 1 of Great Trains; 2 of The History of Model & Miniature Railways; 1 of Talyllyn News; 1 of Ffestiniog Railway

**Books** — An assortment of 92 books.

**Loose Magazines** – A huge assortment of ME, AME, E in M, LS, Horological Journal & Railway Wonders of the World.

At the same time we received a donation from Mike Lynn, a former founder member of our Society. This consisted of 13 books, a number of loose copies of Light Railways and Models & Hobbies magazines and drawings of SA Railways Class NG. G14/15.

Over that same weekend, Clive Chapman added to his earlier contributions by donating a book entitled “A pictorial History of Steam Power”.

In March 2004, we received a donation from Rob Brown consisting of a number of loose AME and LS magazines, together with 3 posters depicting South

---

---

# Minutes of May General Meeting

by Andrew Manning

The May General Meeting was held immediately following on from the Special General Meeting. As the meeting was primarily a show of work, business was kept to a minimum.

**Visitors** — Owen and Min Chin.

The Secretary outlined correspondence in and out.

Treasurer's report. 17 members have so far contributed to the lift fund with \$1,900 in donations and \$3,300 in loans.

**GENERAL BUSINESS** — The Chairman thanked those members that have made a contribution to the lift fund. It is hoped that a further 17 or so members are able to make a contribution so that we are able to look beyond the lift issue to continuing with the ground level track project.

The Chairman congratulated Ed Brown, Clive Jarman and Steve Reeves (mentor of Owen Chen) for their respective awards at the recent AALS annual convention.

Allan Mathie advised that he would like to lead a discussion on seeking sponsorship from business at the next General Meeting.

To ensure that the Committee had been given full authority to act in relation to commitments associated with the Cibes lift purchase and installation, the following motion was moved by Phil Gibbons: **"The Meeting approves the Committee committing the Society to the following expenditures: \$17,000 for purchase of Cibes lift and \$13,000 for the installation and certification of the lift."**

Seconded E. Redford. Motion was carried.

Doug Baker volunteered to use his good offices with city councillors to seek additional funding for the lift.

The meeting approved Doug acting on behalf of the Society in this respect.

Andrew Manning advised that Milton Smith would be assisting with secretarial duties. It was Andrews' intention not to stand for Secretary at the next AGM.

**MODEL ENGINEERING** — **Steve Reeves** introduced **Owen Chin** and his father **Min**. Owen was the winner of the under 25 award at the 2004 AALS convention in Bunbury. Owen and his father made a presentation to the meeting about the background to the award and their association with Steve. They expressed their thanks to Steve for his support and mentoring to both Owen and Owen's grandfather.

**Steve Reeves** made a presentation on the Convention and discussed the various awards that members received at the convention.

**Doug Baker** discussed the design and construction to date of a hybrid boiler, with copper internals and steel shell, each part complying with the respective code. The boiler has in principle support of AMBSC.

**Doug Baker** detailed changes he has made to the steam plant used on the AMRA display. The changes will make operation of the boiler more used friendly.

**Milton Smith** showed plate work for the inner and outer firebox of his Simplex.

**Bob Tanner** showed the pressure parts of his steam launch marine water tube boiler. Bob discussed the design problems and difficulty in getting materials.

**Steve Reeves** showed items for his Rainhill loco. Several members are building this loco. Steve also showed some parts from Jeff Clifton's loco, which he is helping to overhaul.

Meeting closed at 10:30 pm.

**Andrew Manning**

---

## Library Update (cont.)

Australian Railway Engine Nos. 508, 520 & 727. Rob has promised another donation at our next meeting.

In February 2004, I was contacted by a fellow model engineer from outside our Society called Robin Smith, seeking information on a construction article on a flame-eater engine in an American magazine. As we didn't have a copy of this, I managed to track a copy down for him elsewhere. As a result, in April, he volunteered to donate the following to our Library:

3 Bound Volumes and a number of loose copies of "Locomotives, Great & Small"; 6 books; an assortment of loose ME, Trains, LS, SA Rail Spoor, SA Rail & Harbours and Workshop Masters and Their Projects magazines.

In May 2004, Ron Date kindly donated a parcel of loose ME, AME and E in M magazines.

All the above donations are now recorded and have been incorporated into the main collection.

A large proportion of the Loans section is now open on a one-month loan basis to members. There is also a "Browse" section consisting of material associated with but not directly concerned with our hobby, in the bookshelves on the first floor meeting room.

If anyone needs help in finding an article I would be pleased to help.

Enquiries can be made to me on most club workdays and at monthly meetings, or on 9448 8843.

**John Martin**



Northern Districts Model  
Engineering Society Inc.

Track Site:-  
Vasto Place  
Balcatta  
Western Australia

All correspondence to:-  
PO Box 681  
Balcatta  
Western Australia 6021

<http://www4.tpg.com.au/users/jimclark>

## Comment on C38 Restoration by John Nicholson

I have read with interest the article by Kevin Bradney in the May Newsletter. The O Gauge C38 is almost certainly made from casings supplied by "O Gauge House" of Sydney.

I have just checked with Dennis Maurer, one of our members from Berry NSW who has built several models from similar castings.

Up until at least a year ago the castings including wheels etc. were available from:

Col Shepherd, 14 Beauchamp Street, MARRICKVILLE, NSW 2204. Phone (02) 9558 7846.

Col and a friend had a very large O gauge layout which they exhibited in Canberra several times about 20 years ago. It featured NSW steam and diesel locos built from the kits. Included were AD 60 Garratts.

Dennis Maurer has examples of all of the kits in service on his beautiful O gauge layout at Berry. Dennis spent a lot of time cleaning up the castings because, as Kevin described, they were of aluminium and there was a lot of flash to be removed. In addition to the O gauge layout Dennis has a large collection of LGB that runs on his extensive garden Railway.

Dennis has exhibited (professionally) large LGB layouts in Westfield Shopping Malls throughout NSW and Canberra, particularly during school holiday periods. He is also a commercial supplier of LGB equipment. In addition to those interests Dennis and his son Jason also own several one-eighth scale 7/4" gauge diesel electric

### Visitor to our Track

We had a visit on Sunday 30th May 2004 from Barry Walding, a member from the Penfield Society in South Australia. Barry happily walked around our track and was very interested in our club house and the facilities.

Whilst Barry met our President, Secretary, and a few of our members (many of whom were operating the railway on our most successful day financially, ever), not many realised that they had actually spoken to the man who drove the first train into Darwin from the South.

Barry is the Locomotive Operating Practices Co-ordinator for Australian Railroad Group. Work schedules permitting, Barry hopes he may be able to visit us again when next in Perth.

locos that they operate regularly at the Kingston Miniature Railway in Canberra. My call to Dennis confirmed that the last time he contacted Col Shepherd for parts he was able to obtain them. Col still had all the patterns and moulds but is now fairly elderly. Col's daughter apparently has a list of all stock held by Col.

About 1993 a man who lives nearby brought to me a badly dilapidated O gauge model of a D57 4-8-2. He had bought it in a second hand shop in Yass. It had been found at the local tip. He asked me if I would restore it cosmetically for him to display on his mantelpiece. I was able to obtain parts from Col at a very reasonable price and even had the engine running on some Lionel three-rail O gauge track that I have.

Originally the kits came with 24V DC aircraft motors that were war surplus in 1945. I was able to run it on 18V AC as the tender was fitted with rectifiers that Col supplied. The boiler casting was aluminium, badly pitted and very roughly finished by whoever had assembled it, so it was in a similar condition to that restored by Kevin.

At a recent Model Railway exhibition in Canberra, Gerardus Mol purchased two C38 models made from "O Gauge House" kits. They had been assembled carefully and were in excellent condition.

A telephone call to Col Shepherd might help Kevin or others interested in this type of restoration.

**John Nicholson**

### WANTED — Articles & Photos

I need articles, photos, hints, news, etc. about what you or other members are doing, in fact any items that may be of interest to our members.

I am struggling at the moment to find enough material to produce a balanced newsletter. A few conscientious members regularly provide in-depth articles, which are generally published in the Supplement section. What is really lacking is snippets about member's activities.

Surely some of you out there working at the track site or doing some model engineering in your workshop have the time to take a couple of photos and write a paragraph of description about what you're up to?

It's your Society, so why not have your say or pass on some useful information or news to everyone?

If you have something you'd like to put into forthcoming newsletters, please contact Jim Clark or email your material to: [jimclark@tpg.com.au](mailto:jimclark@tpg.com.au)