

SOUTH AUSTRALIAN RAILWAY MODELLERS' ASSOCIATION INC.

PROMOTING THE HOBBY IN SOUTH AUSTRALIA  
SINCE 1957



*Pen Tor Road North Signal Cabin at Pendon  
A beautiful example of construction and weathering*

#### INSIDE

Clubroom Layout Report  
'I am going to build my own layout'  
Photos from Pendon Model Railway Museum  
Photos from the Adelaide Model Railway Show  
'Tag long with us'  
Noel's Pottering

## Contents

3 Editorial & Miscellaneous	17 Where is it ?
4,5 General Meeting Minutes	18 Junction Models Ad
5 Aussie Card Models Ad	19-27 Photos from the AMRE show
6,7 Buffer Stop Archives	28,29 Tag Along With Us!
8,9 SARMA Clubroom Layout Report	29 Somerset Models Ad
10,1 I am going to build my own layout	30,31 Noel's Pottering
12,15 Photos from Pendon Model Railway Museum	32 Garden on New York's High Line
16 SARMA + Aztronics Ads + Library Report	

### Diary

**(7), 8, 9, (10) July Stawell Model Rly Exhibition**

**Wed 12 Jul General Meeting**

Wed 19 Jul Work night  
 Wed 26 Jul Work night  
 Wed 2 Aug Work night

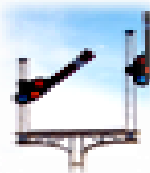
**Wed 9 Aug General Meeting -  
 PeterP's UK trip photos**

Wed 16 Aug Work night  
 Wed 23 Aug Work night  
 Wed 30 Aug Work night  
 Wed 6 Sep Work night

**Wed 13 Sep General Meeting**

Wed 20 Sep Work night  
 Wed 27 Sep Work night  
 Wed 4 Oct Work night

**Wed 11 Oct General Meeting**



Down the Track  
& Over the Hills;  
Exhibitions, etc.

**July 8,9 Stawell (Vic)**

August 26,27 Caulfield (Vic)  
& Coffs Harbour  
Branchline Modellers Forum

**September 2 Adelaide (Flinders)  
 Modelling the Railways of  
 South Australia Convention**

September 7-10 Adelaide (Reynella)  
National N scale Convention

September 9,10 Broadmeadow (NSW)

September 16,17 Adelaide (Hope Valley)  
NMRA Convention

**September 17th- SARMA Swapmeet,  
 Windsor Gardens**

**October 1,2 Clare Hobbies Alive Festival**

October 28,29 Gold Coast (Qld)

**November GM- 'Imaginary Model'**

House in Clifton  
Hampten



PP

### JOHN'S HANDYMAN SERVICES

- General Home Maintenance
- Gardening
- Painting
- All Odd Jobs



**0428 294 859**

ABN 89 954 074 379

### Front Cover: Photo by PeterP

**Day 2 of our UK tour took us to Pendon Model Rail Museum.  
 Most models were behind glass; this was one of the best of 70.**



**SARMA Inc.** meets on the **SECOND WEDNESDAY** of each month at 7.30 p.m. in the ‘**Log Cabin**’ building on Lyons Road, Dernancourt, at the corner of Balmoral Road. Work nights are held on other Wednesday nights in the clubrooms adjacent to the log cabin. See the Diary on Page 1 for details.

**UBD Map 96 Ref D12 or Gregory’s 148 J12**

**Membership rates 2016 – 2017**

Joining Fee:	\$10.00	Country (BufferStop posted):	\$50.00
Full (age ≥ 18):	\$60.00	Country (BufferStop via internet):	\$45.00
Family:	\$60.00	Student (full time; age ≥ 18):	\$45.00
Junior (age ≤ 17):	\$30.00	Corporate:	\$100.00

**The Membership Year runs from 1 April to 31 March.**

Quarterly pro-rata rates apply to new members after 30 June each year.

**All correspondence and membership enquires** should be addressed to:

The Honorary Secretary, SARMA Inc., P.O. Box 4, Prospect, S.A., 5082.

SARMA Telephone InfoLine: (08) 8411 5500

Visit our web site at <<http://www.sarma.asn.au>> for more information and a membership form.

Webmaster: Ben Adamson via [webmaster@sarma.asn.au](mailto:webmaster@sarma.asn.au)

**“Buffer Stop” Contributions**

**Email address: peterp23@bigpond.com and lavip51@gmail.com (please send to both)**

We welcome contributions from members. Articles and photographs may be emailed to the address given above; they can also be submitted on paper. Members who forward articles written by, or photographs taken by, a third party need to obtain permission for their publication. Contributions may be subject to editing. Neither the Association nor the Editors accept any liability for the content or presentation of notices, articles and advertisements submitted for inclusion in the Buffer Stop other than those submitted by the Committee on behalf of the membership. Nor do the Association and the Editors necessarily subscribe to the views expressed or implied by contributors. The Editors reserve the right to refuse acceptance of any material considered unsuitable for publication. Material may have to be held over to a later edition. Articles may not be copied or reprinted without the permission of the respective authors.

Original articles in this publication may not be copied or reprinted without the permission of the publisher.

Advertising rates (per issue): full page \$40, half page \$20, quarter page \$10.

**The deadline for the August issue is FRIDAY 21 JULY**

**Committee Members 2016 – 2017 (Recent changes in bold)**

<b>President:</b> Fred Leaper Phone: 8263 1107 email: fleaper01@gmail.com	<b>Layout Director:</b> Dean Schluter Phone: 8336 1802 email: dean.schluter@bigpond.com
<b>Vice President (Special Projects):</b> Hugh Williams Phone: <b>0422 817 054</b> email: hswilliams32@gmail.com	<b>Exhibition Layout Director:</b> Bob Houston Phone: <b>0428 816 812</b> email: <b>bobhouston5@bigpond.com</b>
<b>Vice President (Administration):</b> Roger Wheeler Phone: 8356 9044 email: rawheeler.grange@hotmail.com	<b>Maintenance Director:</b> Don Worby Phone: 0408 855 038 email: atmrg@live.com.au
<b>Secretary &amp; back-up AMRE Rep:</b> David Vander Linden Phone: 0419 847 619 email: david@vanderlinden.id.au	<b>Social Director:</b> Matt Lavista Phone: 0429 070 084 email: lavip51@gmail.com
<b>Treasurer:</b> Gordon Chaplin Phone: 8261 9736 email: gordon.chaplin@bigpond.com	<b>Editors:</b> Peter Pickering Phone: 8344 7625 email: peterp23@bigpond.com Matt Lavista Phone: 0429 070 084 email: lavip51@gmail.com
<b>Librarian &amp; AMRE Representative:</b> Allan Norris Phone: <b>0401 239 942</b> email: addnor@optusnet.com.au	

**Other positions held by SARMA members:**

**AMRE Deputy Convenor:** Richard Ash Phone: 0488000791 email: dickyboyz99@gmail.com

**AMRE Secretary:** Chris Symons Phone: 0407 975 110 (after 2.30pm) email: c-symons@hotmail.com

**AMRE Treasurer:** Tim Leach Phone: 8289 5574 email: tim.leach@qbe.com

The Library may be accessed in the adjacent clubrooms before the club meeting.

# Editorial & Miscellanea

## *Welcome to the July Buffer Stop*

**F**orty Days and twenty-nine steam trains. As most of you know, I have recently returned from a six week tour of (mainly) railways in Britain. The extent and intensity was testament to the planning ability and knowledge of contacts of Andrew Emmett who only a few of you have met, but is a very knowledgeable British modeller. Also along for the ride was Gavin Thrum who many of you have met through his modelling activities and modelling presentations. Between the three of us, we took upwards of thirteen thousand photos. I took only 2200, but half of that is enough to fill Buffer Stop for most of the next year or two. But so that I don't feel obliged to fill the pages with photos from England, Wales and Scotland, I urge you to provide me with enough material to squeeze them out. However, in this issue you will find a few of my photos taken at the Pendon Museum in Oxfordshire, between Abingdon and Didcot. I took about 40 shots but, because most of the exhibits are behind glass, very few came out well.

**U**nless you are a keen, well read or well travelled gardener, you have probably never heard of Piet Oudolf who hails from the Netherlands. My partner, Lynne, fills the above category and even I have visited Piet's garden, although the man himself was away at the time. Piet's garden designs are different to most, in that he tends to use plants that are 'wild' in nature such as grasses and strong foliage plants.

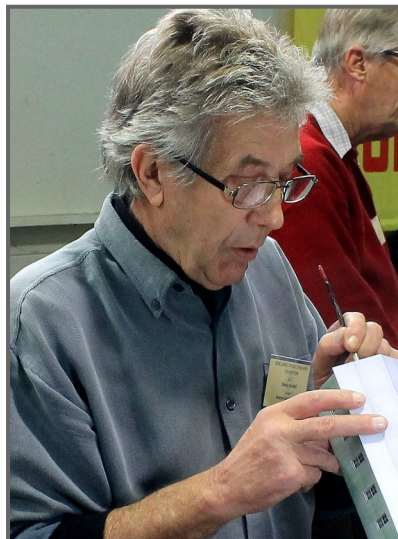
In New York there is an overhead rail line which had been abandoned although most of the infrastructure is still in place. It had largely been overtaken by weeds and wild flowers. Many New Yorkers wanted to keep it that way and simply provide a path running through it. When that proved to be not feasible, the 'Friends of the High Line' invited various garden designers to come up with a proposal to vegetate the High Line. The chosen design was that of Piet and the results of his work are shown in a new book called 'Gardens of the High Line', a copy of which recently appeared on our dining room table.

It's probably true to say that 'Gardens of the High Line' is more a picture book than a text book; it illustrates what can be done with an industrial area, although many of the pictures show what effects can be achieved in the average garden or parts thereof. I'll slip some of these pictures in Buffer Stop from time-to-time as fillers.

**I** am pleased to say that several SARMA members took some interesting photos at the AMRE show. It's good to have some

different types of shots from different photographers in the Buffer Stop. Thanks to David Jameson, David van der Linden and Jeremy Kemp, also Gavin Thrum.

**D**avid P (left) studiously at work at the recent AMRE show.



*Peter P*



## EDITED MINUTES OF THE GENERAL MEETING HELD AT DERNANCOURT ON 14th JUNE 2017

**Meeting opened** at 7:36pm. Chairman: Fred Leaper  
The chairman welcomed everyone present.

**Members present:** 48

**Apologies:** 5

**Visitors:** Stuart Gardner

**New Members:**

**Chris Whibley** – Nominated by Kelvin Brinkley and seconded by Richard Ash. Accepted

**Chris Mutton** – Nominated by Dean Schluter and seconded by Trevor Carter. Accepted

**Minutes** of previous meeting were presented for acceptance: Moved by Trevor Carter and seconded by Karl Eichinger; Carried.

Outstanding Actions and Business arising: Nil

**Correspondence in:**

AMRA Journal – May/June 2017

Invoice from Telstra

Email from Brenton Triplow regarding DCC equipment from Trevor Triplow

Email from Jeff Morrall about valuation of model railway items.

**Correspondence out:**

Responses sent to Brenton Triplow and Jeff Morrall.

**Business from correspondence:** Matt La Vista will liaise with Jeff Morrall.

**Finance:** Financial statements presented .

Accept financial report: Moved by Gordon Chaplin and seconded by Tony Sitters; Carried

Members were reminded that as of this meeting, anyone who has not renewed their membership is deemed un-financial.

**Reports:**

**Exhibition Layout** – Dean reported in Bob's absence that there were a couple of problems with the layout over the weekend. They have been marked for repair. He also mentioned that the club has bought another three Lenz DC controllers from Brenton Triplow for a very good price.

Fred thanked the members who attended on the Friday to help set up.

**Club Layout** – Progress is going well. The Southern Peninsula is off for wiring and, when that's done, Dean hopes that some trains will be able to be run.

**Social** – Matt thanked everyone who came along to the birthday dinner. He was happy with the forty

people who attended, being a record for him. Matt also mentioned the next Hobbies Alive festival in Clare. It will be on the 1<sup>st</sup> and 2<sup>nd</sup> October.

There is also a Model Railway Show in Milang in November.

**BufferStop** – Peter hopes to have the Buffer Stop up on the website soon. Dean Schluter reported that the new printer is all set up and ready to go.

**Library** – Nil

**Maintenance** – Nil

**Bulk buys** – Nil

**Special Events** –

**Stawell Exhibition:** Only three weeks away. The layout will need to be checked for some problems found at the exhibition.

**Swapmeet:** It will be held on the 17<sup>th</sup> September. Terry spoke about the loss of two hobby shops where flyers won't be able to go.

**AMRE** – Richard Ash thanked the members who put time in over the weekend. No figures yet but it seems the numbers were slightly up.

**General Business:**

**David van der Linden** asked if anyone was able to help a gentleman from Kapunda with lighting his Powerline BL

**David Jameson** pointed out that the location of the mural covered silos as reported in last month's Buffer Stop was incorrect.

**Peter Pickering** also mentioned that the date for the minutes in the magazine was wrong.

**Show & tell:**

**Tony Sitters** spoke about when he organised the 40<sup>th</sup> Anniversary Dinner in 1997. Originally wanted to arrange a train trip but the cost would've been \$330.88 per member plus the actual dinner for \$20.00 per member so it ended up being held in the dining car Adelaide at the Port Dock Railway Museum catered by Texas Bull Machine.

**Brian Woods** talked about the new Victorian three position upper quadrant home semaphore signal from San Mateo Lines, aka Bill Dick, one of our country members. Very fine detail and made very well. Bill has already donated one to the club layout with the promise of another one.

**50c Raffle:**

- Pink, 63, Graham Nixon,  
DVD – Britain’s Railway History
- Yellow, 98, John Gordon, Orient Express bogies
- Pink, 74, Graham Nixon, Road Ragers Falcon model
- Yellow, 18, Allan Norris, Voucher – Junction Models
- Pink, 89, Michael James, LED kit and solar car kit
- Yellow, 55, David van der Linden,  
SceneMaster dumper set
- Yellow, 47, David Boyce, Kadee couplers
- Yellow, 35, Matt Pink,  
Spinning sign and weathering powder

**Anniversary Raffles**

- \$2.00 raffle was won by John McCallum.  
The prize was two Rocky River Models kits.
- \$5.00 raffle was won by Allan Norris.  
The prize was a Southern Rail model of a WAGR L class.

**After meeting activities:** Matt La Vista showed footage from his mini camera as it travelled on various layouts at the AMRE Train Show.

**Meeting closed at 9:24pm**



# AUSSIE CARD MODELS

**HO and N Scale Architecturally Designed Buildings for Australian Railway Modelers**

*We have a huge range of classic Australian buildings to suit all layouts*

- DWELLINGS
- GOODS SHEDS
- INDUSTRIAL STRUCTURES
- RAILWAY STATIONS
- RETAIL SHOPS
- FARM BUILDINGS
- CHURCHES & CHAPELS
- SCHOOL HOUSES
- FENCES, SHELTERS
- TRACKSIDE BUILDINGS

**Allan Smith 0419271358 Email: [aussiecardmodels@gmail.com](mailto:aussiecardmodels@gmail.com)**

**Visit our Ebay Store [http://stores.ebay.com.au/allasmit-90?\\_trksid=p2047675.12563](http://stores.ebay.com.au/allasmit-90?_trksid=p2047675.12563)**





### 50 Years Ago: April 1967

PP

**President: Bob Irvine**, Vice-Presidents: *not listed*, Secretary: Trevor Carter, Treasurer: Stan Filsell, Librarian: *not listed*, Committee Members: Bill Coles, John Page, Tony Hill, Geoff Barnes, John Gordon, Eric Milne. Editor: Lawrie Edgar, Sub-Editor: Paul McDonald

**Cover:** Another 'crazy' sketch:

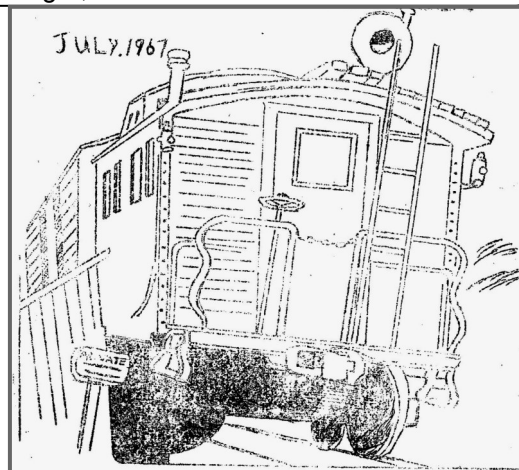
**Model Railroaders:** List of those available from the club library

**Notes from a trip north:** Riverton, Terowie, Hallett were mentioned. Written by PC (probably Phil Curnow).

**British Railway Electrics:** Description of the electrification of the Crew - Manchester line in 1960, plus the follow-up through Rugby, Birmingham, Stafford, Colwich, Stoke and Cheadle. Some distances and times were appended. Written by David Farmer.

**Thyristor Train Controller:** Part 2 (3 pages) of a 'how to make it' article by AB (prob. Anthony Brittain).

**Road Vehicle Building:** Article with sketches on how to bash Matchbox and similar models into presentable models. Author unintelligible but maybe Trevor Carter (A Carters Circus truck is depicted).



### 40 Years Ago: July 1977

TS

**President: Trevor Carter**, Vice-Presidents: Allan Kitto, Vic Kollosche, Secretary: Bob Irvine, Treasurer: Barrie Mackinnon, Social Organiser: Don Snow, Librarian: Tony Sitters, Layout Engineer: Keith Norgrove, Record Keeper: Rob Burford, Editors: Elliott Johnstone, Peter Ziegler

#### Programme:

Wednesday, 13.7.1977 – General Meeting Night – Lecture on SAR Rollingstock by Phil Curnow.  
Friday, 15.7.1977 – Construction Night – SAR 'R' Class Reefer Van – SARMA Anniversary Special.  
Sunday, 17.7.1977 – Working Bee – Cupboard bases.  
Wednesday, 20.7.1977 – Layout Construction.  
Sunday, 24.7.1977 – Working Bee – Lino laying and cupboards.  
Wednesday, 27.7.1977 – Layout Construction.  
Wednesday, 10.8.1977 – General Meeting Night – Feature film "Rail Roder".  
Model Display – Steam Loco's.

#### Coming Events:

Several events are going to occur which will be milestones in the Club's history :-  
The 21st Birthday Dinner in June, 1978 – strictly limited to 48 persons.  
Closer to hand, however, are two other major events :-  
1. The Clubroom extension opening – Beltana Annex, and  
2. The layout opening.

#### And a sad note:

Tenders are being called for the demolition of the Wallaroo Coaling Tower – this is the last one standing, and now it too must go, so it seems.

#### Electrification:

Preliminary drawings by the SAR dated 14.5.75 of Overhead Wiring – Double Cantilever, Single Cantilever and Bridge Anchor Structure.



### 30 Years Ago: July 1987

PP

**President: Rob Burford**, Vice-Presidents: Austin Balnaves, Steven Masters, Secretary: Tony Sitters, Treasurer: Don Snow, Layout Dir: David Jameson, Maintenance: Brian Woods, Social: John Willmer, Librarian: Dean Jackson, Editors: Don Bishop, Terry Jomartz, Special Projects Coordinator: Geoff Pearson,

**Cover:** A dark picture of an ANR layout.

**The Layout Report** deals primarily with trees and other foliage.

**Port Adelaide:** Notes and a photographic essay by Don Bishop.

**Photos:** Four different locos - from Dean Jackson and Terry Jomartz.

### 20 Years Ago: July 1997

PM

**President: Trevor Carter**, Vice President (Administration): Peter Carter; Vice President (Special Projects): John Doherty; Secretary: Brian Leaney; Treasurer: Don Snow; Layout Director: John Willmer; Modular Layout Director: Phil Hart; Maintenance Director: John Doherty; Social Director: Edward Jackson; Librarian: Barrie Mackinnon; Editors: Bill Button, Paul Mackinnon

**Front Cover:** Brinkworth Railway Station

**Layout Report:** Wiring in Grosvenor and Peelinna is progressing well. Scenery is now progressing well, and work will soon commence on the hill dividing T.Z. Mine and Narrawinna. Scenery around the back of the meeting room is also progressing.

**Maintenance Report** for July 1997 by Bernard Martin

**Report:** the SARMA 40<sup>th</sup> Birthday Dinner – held at the National Railway Museum (then Port Dock).

### 10 Years Ago: July 2007

DVL

President: Hugh Williams; Vice Presidents: Roger Wheeler, Iain Kennedy; Secretary: Peter Pickering; Treasurer: Karl Eichinger; Layout Director: Dean Schluter; Exhibition Layout Director: Bob Houston; Social Director: Barrie Mackinnon; Maintenance Director: Dean Schluter; Librarian: Allan Norris; Editors: Chris Marlow, Harry Rush.

**Golden Plains** at AMRE

Won 2<sup>nd</sup> place in both public and peer voting

**Invitation to archery** for members

**Easy ballasting** by Peter Carter

**Points** by Chris Marlow

**The Diesel Era** by Filthy Rich

**Conversions** with a micrometer by Peter Pickering

**Fred Leaper** smiling at AMRE

---

#### Last month the 30 year archive had the following note:

On Good Friday, some members witnessed a 900 diesel hauling The Duke of Edinburgh tender first past the doorstep. The Duke had failed due to a break in a steam line. **Chris Marlow** sent the following:

There's an 8 minute video of this on YouTube. It was on an excursion to Victor Harbour. The steam pipe burst near Mt Barker Junction and the loco made it to Mt Barker. The video ends with the train going slowly around the curve departing MB Junction. (Note also the scene at Mt Lofty Station. The Health and Safety People would have a fit today. And, do people still stand on the end porches of the Centenary Cars?).

<https://www.youtube.com/watch?v=CR8sHikOJWc> Lots of other SA steam videos show up as suggestions.



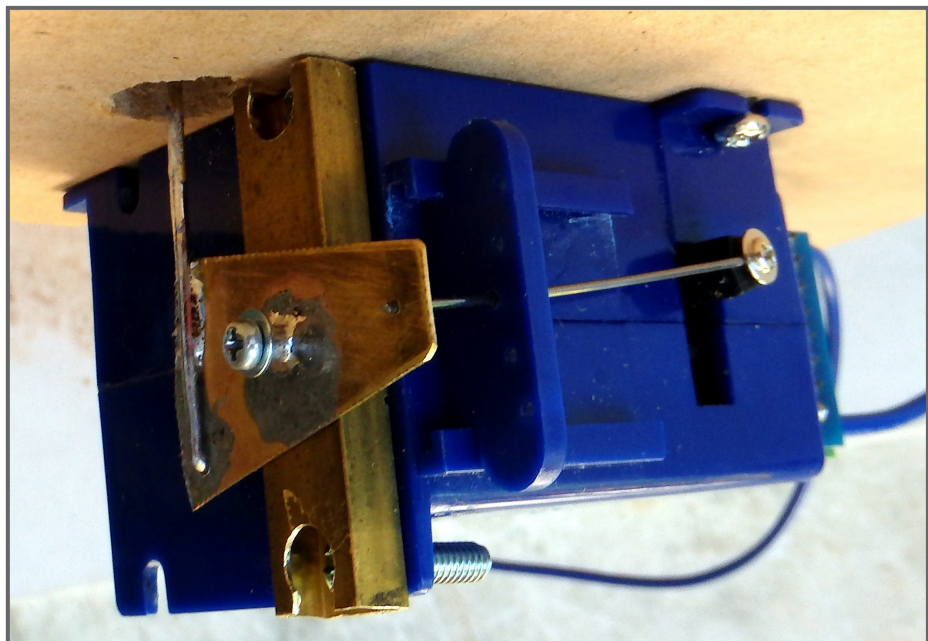
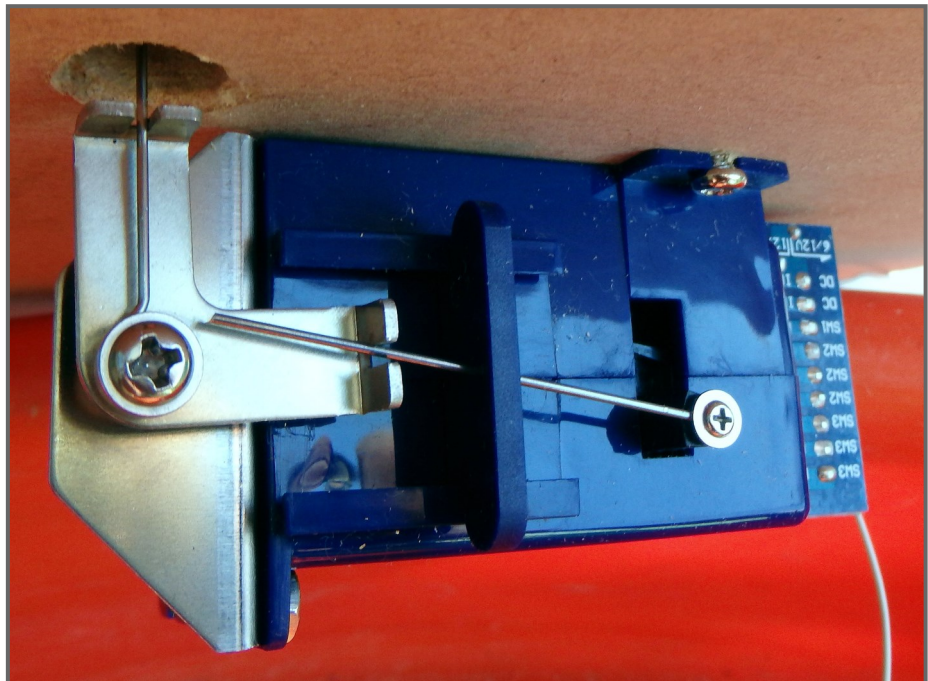
Track laying is well advanced on the Southern peninsula's terminus station Southend. As mentioned before, we were worried about switch motor clearance for the hidden sidings underneath, which are higher above the frame than the hidden sidings at the Northern peninsular, to the point that we might have had to use Peco switch motors as stated in my May report. However, this would not have kept things consistent with the rest of the layout

Many ideas were put forward on how to mount the Cobalt motors to give clearance. David Jameson came up with an idea to mount them on their side using brackets but this proved to not gain enough. I had a good look at the motors and wondered why there were another set of mounting lugs to mount the motors flat, so out with the compass and pencil and I came up with a bell crank to change the up and down motion to sideways motion (see picture). Then after making one I wondered if DCC Concepts had something similar, so after

going online "duh ", they had so I ordered a set of three (\$20) to see if they would fit the bill for us. My idea put the motor in line with the track above; theirs put the motor at 90 degrees to the track, so if this is not possible in some situations, we can use the homemade type (see photos). The advantage using these over the normal mounting method is a reduced height from 67mm to 39mm which solves the problem.

David Jammo and Kelvin Brinkley have been producing control panels but we ran into trouble with the toggle switches failing. These have now been changed to a different manufacturer.

Club member Bill Dick (SAN MATEO LINE) gave the club a beautifully made working lighted semaphore signal and double target signal, these have now been installed at the north end of Kooringa for the main and into the hidden sidings. I used a Cobalt motor to operate the semaphore.







At the June AMRE I asked Bill if the club could buy another semaphore signal from him. He did not have one with him but said he would donate another when he got back home. A week later a box arrived with the signal plus a double semaphore as well. Many thanks to Bill; Kooringa will now have semaphores at both ends. See photos below.

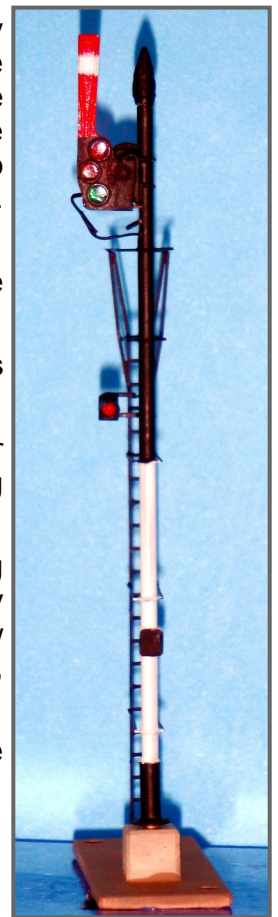
Bob Fleet had been busy getting things done before he went off on another cruise.

Gordon and Karl have been setting in the Redbanks turntable and goods yard.

Trevor Marsh (new member) along with David van der Linden on RDO has been busy helping with the wiring under the layout.

Graham Philips (new member) has been working alongside David Boyce, Richard Ash and Kelvin Brinkley on the Southend trackwork. The baseboard has now been stood on edge to mount and wire switch motors, signals, etc.

I must also thank Trevor Carter and Tim Leach for the buildings they are producing. ■



The northern peninsular is coming along well despite the occasional prayer session by a certain member of our community. That's not east, Karl, but it might be towards Mecca.



# I am Going To Build My Own Layout ; What do I need to know? Part 2

Dean Schluter

In this part I will deal with building your new layout by starting straight out with DCC and finally how to switch to DCC on a completed DC layout.

Equipment required for DCC is as follows

## **Command station / power amplifier.**

Systems available are Lenz, Roco, NCE, Digitrax DCC, and others.

Stick to the well-known brands that have reliable Australian servicing available; ask for help from people who have systems, I prefer Lenz. Lenz system allows you to run a non-chipped Loco or double headed loco on the system using address zero; NCE do not. I am not sure about other brands. Also you can run a chipped loco on a DC layout.

## **One or more controllers.**

If you purchase a system it should include one controller.

Lenz has a digital controller and one type of rotary controller, Roco has a couple of rotary centre off controllers, NCE has both on a couple of controllers in the vertical tumbler style. Lenz and Roco are compatible.

## **One 15 volt 5 Amp AC transformer single winding.**

You don't have to buy a brand supplied transformer; just purchase the transformer from the same suppliers as mentioned in part 2 and mount in a box with the recommended primary fuse.

## **Wiring the Layout.**

As with a DC layout you need a common wire (green) around the layout; the size of the layout will determine the wire gauge required (seek help on this).

Now this where we differ from a DC layout as in section (1); we can have as many operators and locos as the layout size will allow without block sections, switches and associated wiring. All operators can go anywhere at any time and even have real head on prangs if you belong to the Adams family.

The wiring of the layout requires 2 cables that, from now on, we will call the bus. Make one wire black or green and will always go to the common rail. The other will be red and is for the other rail. The DCC outputs of your command station are marked and one will be taken to the green/black bus wire of the layout but you must remember the number of that output terminal in case you add another power amplifier to the layout. This bus is connected to the rail that you nominate as the common rail.

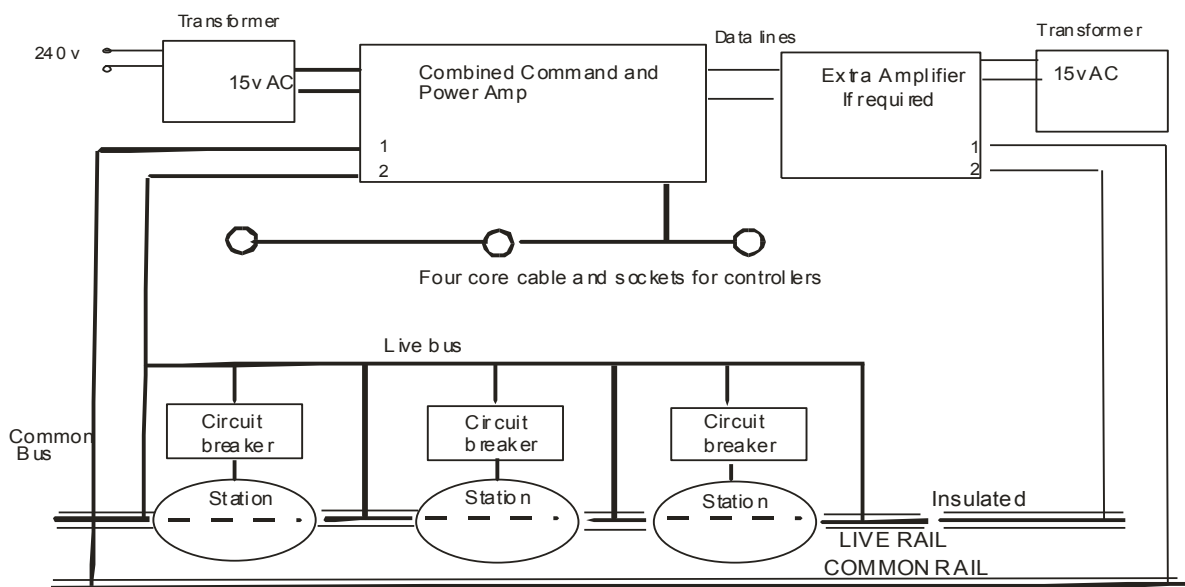
The other output, let us call it the "live" terminal, is fed to a red wire (bus) that will follow the green wire (bus) around the layout. If your track is circular put a break in the middle of the circle in both the common and red wires, the two bus wires radiate from the command station in both directions. All that is required now is a light gauge 4 core cable and as many sockets as required for your hand controls, but if you purchase a NCE starter set, the hand piece cannot be unplugged as this is the command station and the layout will shut down if unplugged. The hand piece cable must not form a circle but end on the last socket away. The sockets are to suit your system's controller plug so you can walk around and re plug in while you train is moving even; WOW!. Note: If you hadn't noticed, we have just wiped out sections (1) (2) (3) and (4) of Part 1 of this article.

For a larger layout with a multiple shunting stations and multi operators we need some sort of short circuit protection guarding against operators running into incorrectly set points, or having derailments etc. this is because the protection on DCC systems will shut down the entire system until the short is removed. Most of these occurrences are in station areas. These can be eliminated by isolating the

entire station area's "live" rails and feeding them from a small section of sub bus (Red wire) fed via an electronic circuit breaker, thus isolating the short circuit and not shutting down the entire system. Do this for all stations. The NCE Company supplies single electronic circuit breaker EB1 that are very good, and compatible with any system; I used them on my layout, Strathburn and the new club layout which has eight. They can be set for max current and delay times and give an output for a LED indicator for your control panel.

The main tracks leading up to and departing from the station are fed from the main "live" bus. For a physically larger layout as will be the club's layout, we have to supply three major power districts and therefore will require at least two other 4 Amp power amplifiers. My smaller 16 x 22 foot layout was struggling for power so I added another amplifier to cope giving me a total of 8 Amps. These are fed from a separate power transformer close to it to avoid losses. The reason for the relatively large amount of power needed is because all locos remain on live tracks all the time and head lights, etc can remain on.

I have just written a lot of words which may be hard to visualize so I have added a diagram, the second transformer and Amplifier are for a large layout feeding half of the tracks.



If you are the only operator on a small layout of course you would not need the circuit breakers but you could put in isolation switches for each station; it's easier to trace a fault. The smaller layout, with a small number of locos and a couple of operators will not need a top of the range system; you can use a smaller set. I really am only familiar with the Lenz range of sets with a command station, but other walk around controllers can be added at any time.

Things you must do if you build a DCC layout.

Ok so you have been buying points & track and secreting them away so "her in doors" didn't know and they were all mostly Peco Insul-frog points and they will cause short circuits. Fear not there is a solution; join the two insulated frog rails together isolate them with insulated joiners **and take** them to a Peco switch that you mount on the Peco point motor or a slow motion motor. This will eliminate any potential short. If you are not sure about this, please see me or others.

The other must do thing is to switch the frog directly by a switch mounted on and operated by the point motor, not by the switch mounted on the control panel, because the switch on the panel will always change the polarity of the frog before the point moves causing a momentary short. ■



# Photos from Pendon Model Railway Museum

PeterP

Note: Most are taken through glass and have moving trains and, therefore, are less than perfect

This shot and the next:  
John Ahern's Madder  
Valley Railway



Crossing Walkham Viaduct

July 2017

The Buffer Stop

12





Pen Tor Road station (sorry about the reflections)



Pendon Parva station

The Waggon & Horses Pub, previously the Old Calley Arms, the first model made by Roye England



July 2017

The Buffer Stop



More of Pendon's  
Buildings







July 2017

The Buffer Stop

15





## SARMA SALES



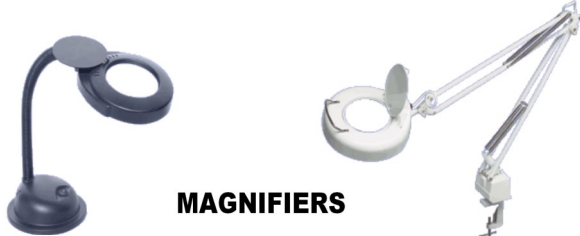
See Don Worby

SARMA Pin Badges	\$7.00
"Rails and the River" Medallion	\$10.00
Bogies: 40 ton Round Lid, Solid Wheels	\$13.00
Bogies: ANR XC	\$13.00
W Car Bogies	\$11.80
SEM Axles 10.5 x 25 mm	\$2.30
SEM Axles 10.5 x 26 mm	\$2.30
SAR M Van (BGB) Kit Includes Bogies & Couplers	\$35.00
SAR M Van (BGB) 5 Wagon Bulk Kit (No Bogies and no couplers)	\$85.00
SAR D van kit	\$19.00
DCC Decoders	\$25.00 each

Kadee #148 Whisker Couplers	\$6.00
Kadee #158 Whisker Couplers	\$5.00
Delrin Bearings	\$5.30
11'6" Underframe Kits	\$6.30
PVA Glue, 2 litres	\$20.00
PVA Glue, 1 litre	\$10.00
No. 2 self tapping screws, packs of 50:	
4.5 mm	\$3.50
6.0 mm	\$4.00
9.5 mm	\$5.00
2-56 UNC 3/8" pan head screws (pack 20)	\$4.00
2-56 UNC nuts (pack 20)	\$5.00
SARMA Shirts (do you have one?)	\$30.00
Club Stubby Holders	\$5.00

# AZTRONICS

Your Local Electronics Stockist  
MODEL RAILWAY ELECTRONICS SUPPLIER



**MAGNIFIERS**



**TOOLS**



**LEDS  
LED STRIP**



## AZTRONICS PTY LTD

170 Sturt Street, Adelaide, SA 5000  
ph) 08 8212 6212 Fax) 08 8212 4212  
www.AZTRONICS.com.au

## LIBRARY REPORT

### *Recent Additions to the Library*

Australian Railway History - July 17  
A M R A Journal - May/June 17  
Model Railroader - July 17

### **CHARGES**

*Magazines: 50c; Books: \$1-2; DVDs: \$1  
per month; then 50c per item until returned*

*Allan Norris, Librarian*

# Where is it?



**The main picture is the July pic.  
The smaller picture below is the June pic, which  
will be drawn at the July GM. Look for the little  
entry slips and the little container to put them in  
on the side table.**

**Mark your form with the appropriate month.**

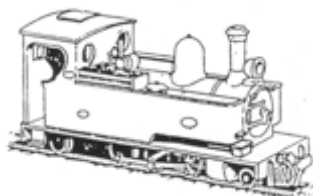
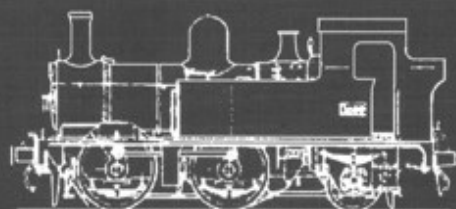
# Junction Models

Shop 4, 449 Main North Road, Enfield Plaza, Enfield 5085

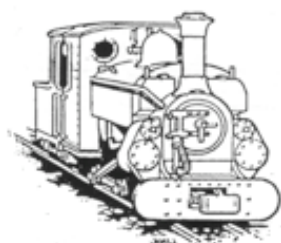
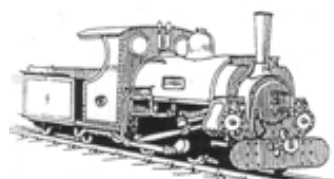
Phone 08 8349 7464 Fax 8349 7463

Email: [brian@junctionmodels.com.au](mailto:brian@junctionmodels.com.au)

Web site: [junctionmodels.com.au](http://junctionmodels.com.au)



## Specials for July 2017



Graham Farish N scale Dept Master Train Set	\$199.00
Bachmann Emily Set	\$255.00
Bachmann Ringling Bros/Barnum & Bailey HO set	\$220.00
Bachmann Durango HO Train set	\$295.00
AMRM CDs Vol. 12, 13,14,15,16, 17	\$22.00
New Junction Models Controller (DC 2A)	\$80.00
New Walthers stock cars, hoppers, tank cars & reefers	
Hornby Flying Scotsman Set	\$310.00
Several New Hornby Locos & Wagons in stock	
Noch Scenery Products	
BACK IN STOCK: David Jones Models OO scale J94 Austerity 0-6-0T,	
Golden Valley Hobbies Barclay Industrial 0-6-0T	

Walthers Trainline HO scale locos, some DC some DCC	from	\$99.50
Powerline Vline H class .....		\$265.00
Powerline 48 class		\$280.00
Hornby Master of the Glen set		\$322.00
Lenz DCC SET010		\$430.00
Lenz DCC SET100		\$599.00
HO Brill horsebox trailer kit .....		\$140.00
HO SAR 500/600/700 coach kits		\$170.00
Railmotor Models SCT PHBY Container Wagons.....		\$55.00
San Mateo Line signals kits and ready-to-place		
SAR Model Co 800, 850 & 860 car kits and Redhens - in stock		
Frateschi Coaches, Wagons & Building kits		
KD clear decal paper .....		\$21.95
GSI aqueous paints, 96 standard colours (\$3.95) plus 4 fluoros and 8 metallics		
Woodland Scenics stand with new items		

Cheers from Brian, Vic & Matt

*SARMA members receive 10% discount except on books, DVDs & DCC items*



# Photos from the AMRE Show

Jammo's photos



Above & below:  
Kapunda



Right:  
Eyarth



July 2017

The Buffer Stop



Adelaide Railway Station in Lego



Above:  
Preparing for take-off

Right:  
In flight





Photos from  
David van der Linden



Above & right:  
Lego layouts



Below:  
Bob Houston receiving the certificate  
from the mayor of Port Adelaide  
Enfield for Strathburn's 3rd place







Above & left:  
Gavin Thrum's Lampwick Lane

Right:  
Deputy Convenor, Richard Ash  
talking to CTC alt rep, Kay Leverett



Below:  
SARMA members, Graham Nixon  
& Peter Michalak on the operating  
side of Kapunda





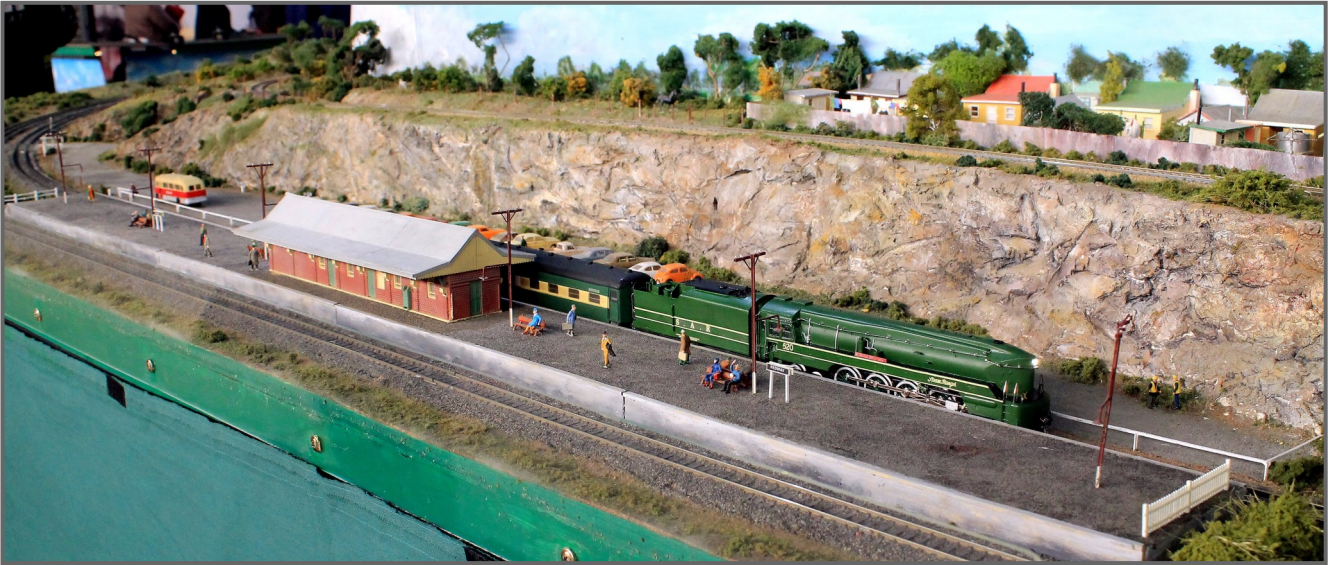


Photos of Morgan  
2 from Jeremy Kemp  
1 from PeterP





# Photos of Strathburn from PeterP







Gavin Thrum's  
photos

Lampwick Lane:  
The whole layout

Below: The yard







Above: Lampwick Lane

Remainder: Kapunda



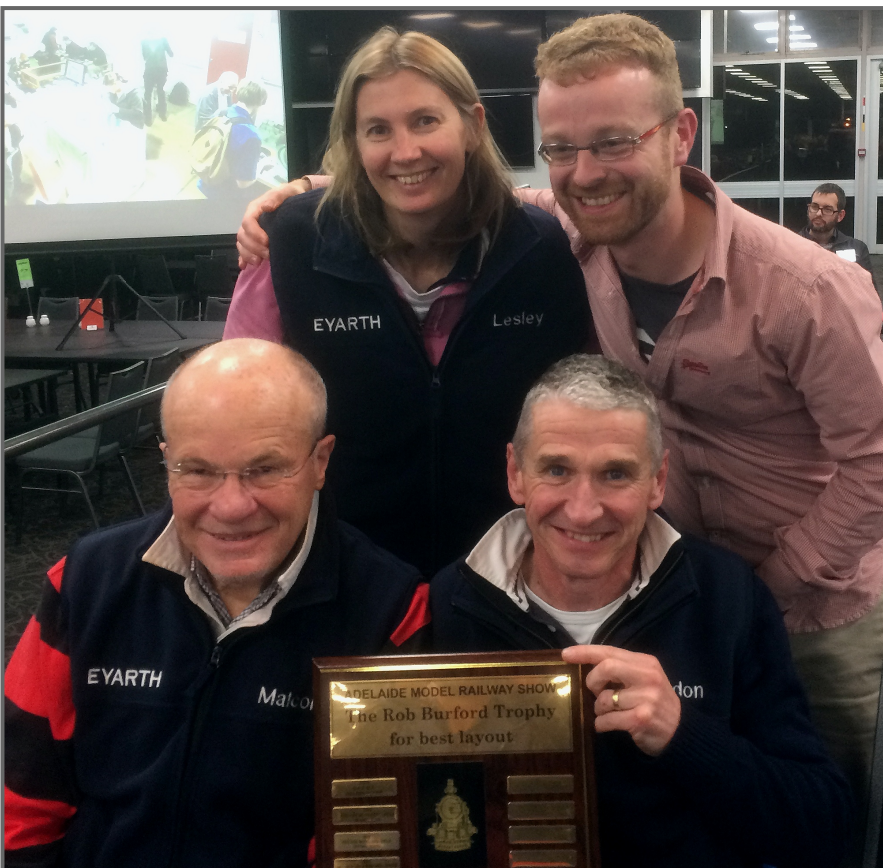




Above & right:  
Eyarth - the layout



Below:  
A proud Gordon Brown  
and the Eyarth crew,  
winners of the  
Rob Burford Trophy





**S**ARMA have many tasks for AMRE not least of all, preparing exhibitors' name tags for issue on the Friday. Without SARMA's efforts the show might not go on. Tag along with the following discussions on how SARMA helps.

## Bibliography

**ANR** = A SARMA Committee member

**DVL** = A Secretary

**Rash** = A Deputy Convenor

**SA** = A Smart Aleck SARMA member

**P2** = I can't disguise who this is

**ANR:** Those ba.s..rd's never have all their names ready in time for printing. Then they change their names, and then you can't read their writing, then they turn up at the door and they are not on list, they don't collect the tags on Friday, then they forget the name of their exhibits, then they don't even know their own names, then they don't know what day it is, they pull faces, they object, they dribble, their fathers are ugly, they are ugly, stuff 'em; I ain't doing this no more!

**DVL:** Instead of Exhibit Number order, why don't we put the tags in name order so they are easier to find?

**RAsh:** I've run out of things to say. Can you give me a job? I can put too many sheets into the guillotine and cut up the tags into 20 different sized and dismembered rhombuses.

**DVL:** Here are the sheets of name tags and the guillotine is over there.

**SA:** What if SANGS or another group turn up to collect all their tickets to give out to their members? They won't be easy to find if in name order.

**RAsh:** Oops. I have cut all the Exhibition Numbers off the tags and they are now the wrong numbers which are at the top of tickets for a different exhibitor number. (Editor Note; Exhibitor Number is printed at the bottom of the tags)

**P2:** Well we have to reprint.

**DVL:** No we can still use them if we put them in name order

## ***On the way to Berri (300km) in the back seat of a car.***

**DVL:** P2 you take half and sort the names into "A" to "L." I will take the other half and sort them "M" to "Z" and when we are finished I will give you my "A" to "L" and vice versa.

**DVL:** I have finished my half let's swap

**P2:** But I am only up to "B"

**DVL:** Long sigh – *but chuckling from the front seats.*

**P2:** Ok, I am ready to swap. Hey this one is for Brian Woods, it belongs in your "double yous" and there are even more wrong.

**DVL:** "B" for Brian belongs in your "bees". *More chuckling from the front seats.*

**P2:** No it has to be in surname order.

**DVL:** Why?

**P2:** Because that is the way I have done it for over 40 years.

**DVL:** For forty years I have called people by their first names. It is rude to use surnames. If I am going to talk to someone it is by their first name.

**P2:** Ok give them to me and we will start again.

**DVL:** Ok I have finished.

**P2:** I still haven't finished the "B's"

**Sometime later**

**P2:** There are too many Davids and what about Roberts and Bobs and Bills and Williams’.

**P2:** I am ready to swap halves. Hey these are wrong. I have Murray Burfitt. He belongs in your “Emms”

**DVL:** I thought we agreed to change to surname.

**P2:** We didn’t agree to anything. *In the front seats – tears of laughter.*

**DVL:** let’s start again surname order.

**P2:** OK. Now does Mc come before or after Mac.

**DVL:** after Mac.

**P2:** but how do you know if it is a Mac or a Mc when they say it. Should all Mc’s and Mac’s be at the start the Emms but in the second part of the name order such as is McDermott before Maclnery even though Mac is before MC in the alphabet?

**DVL:** I am doing the Emms and all Macs will be before MC’s.

**DVL:** I have finished

**P2:** I am still in the “A’s”.

**Friday Afternoon, set up day AMRE, SA is on the Information Desk**

**SA:** G’day Thomas. You want all of SANG’s name tags to take back with you?

*Bugga!!!*

---

---

Somerset

Shop 1/7 Walker Place  
Gawler S.A. 5118  
Ph : (08) 8523 2913

MODELS

sales@somersetmodels.com.au



**\*NEW\*** Australian Hand Crafted Flowering Tufts  
to suit N and HO/OO Scale in a variety of colours  
16 Tufts per box for \$7.95

- MP Scenery	- Aussie Truck Models
- Static Grass & Applicators	- Oxford Cars
- Gem Fleetline	- Metcalfe
- Walthers Kits	- Peco Track and Accessories
- Promotex / Herpa Trucks	- Noch
- Plastic Kits	- Hornby Starter Sets

- Plus Much Much more!

Come Visit us today and receive 10% off instore when mentioning this ad...  
Email and Phone Orders Welcome - 08 8523 2913

WWW.SOMERSETMODELS.COM.AU



# Noels Pottering



Loading at Snowtown



Near Nantawarra



Snowtown





26.6.2017 Mitcham



MP 5 Rocky River



Thought this was 4172 but full train  
Now unsure of number as no PG1



Back cover picture of 'Gardens of the High Line' (see page 3)  
Note the rails on the upper bridge

