

SOUTH AUSTRALIAN RAILWAY MODELLERS' ASSOCIATION INC.

PROMOTING THE HOBBY IN SOUTH AUSTRALIA



THE **BUFFER STOP**



The Barossa Wine Train on Hamley Bridge

**SAR 900 Class
Peter's Models
Tim's CDU
DCCing the Exhibition Layout
One Man Point-to-Point Layouts**



The Buffer Stop

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. Modelling nights are held on other Wednesday nights in the shed adjacent to the log cabin. See the Diary on Page 2 for details.

UBD Map 96 Ref D12: the red Scout symbol marks our clubroom.

Membership rates 2010 – 2011

Joining Fee:	\$10.00	Country:	\$45.00
Full (age ≥ 18):	\$53.00	Student (full time; age ≥ 18):	\$45.00
Family:	\$53.00	Corporate:	\$90.00
Junior (age ≤ 17):	\$30.00		

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: Peter Michalak <petemichalak1987@gmail.com>

“Buffer Stop” Contributions

Email address: <bufferstop@internode.on.net>

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 are asked 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 that is considered unsuitable for publication. Material may have to be held over to a later edition.

Advertising rates: full page \$40, half page \$20, quarter page \$10.

The deadline for the October issue is Wednesday 22nd September.

Committee Members 2009 – 2010

President: Hugh Williams Phone: 8271 5327 email: hswilliams@optusnet.com.au	Layout Director: Dean Schluter Phone: 8336 1802 email: sloots@adam.com.au
Vice President (Special Projects): Iain Kennedy Ph: 0417 844 214 email: sarails@bigpond.com	Exhibition Layout Director: Bob Houston Phone: 8268 7813 email: bobhouston@adam.com.au
Vice President (Administration): Roger Wheeler Phone: 8356 9044 email: rawheeler.grange@hotmail.com	Maintenance Director: David Vander Linden Phone: 0419 847 619 email: david@vanderlinden.id.au
Secretary: Peter Pickering Phone: 8344 7625 email: peterp23@bigpond.com	Social Director: Barrie Mackinnon Phone: 8298 8571 email: barrie@picknowl.com.au
Treasurer: David Jameson Phone: 8251 5592 email: dvjammo@adam.com.au	Editors: Harry Rush Phone: 8337 5868 email: jywhittaker@optusnet.com.au
Librarian: Allan Norris Phone: 8346 1742 email: addnor@optusnet.com.au	Chris Marlow Phone: 8362 3484 email: marlowc@internode.on.net

AMRE Representatives: Peter Pickering; Phone: 8344 7625; email: peterp23@bigpond.com
Allan Norris; Phone: 8346 1742; email: addnor@optusnet.com.au

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

The Buffer Stop

Contents

3	Minutes of the August meeting	12	Social Director's Page
4	From <i>The Buffer Stop</i> Archives	13	SARMA Membership Statistics
7	A New Model of the SAR 900 class	13	<i>Toy Trunk Railroad</i>
7	<i>N Scale Modeller</i>	14	Converting the Exhibition Layout to DCC
8	Scenes from Peter's Workbench	16	One Man Point-to-Point Layouts
9	SARMA Sales	18	Committee Notes
10	Tim's CDU	19	Porter Leigh's Puzzle Page
11	Library Report		

Diary

Wed 8 Sep:	General Meeting: Entertainment: TBA
To Sat 11 Sep:	Grain Board Layout, Royal Adelaide Show
Sat 11 Sep:	Modelling the Railways of SA Convention, Flinders Medical Centre
Wed 15 Sep:	Modelling Night/Layout Night
Thu 16 Sep:	AMRE AGM, SANGS Clubrooms
Wed 22 Sep:	Modelling Night/Layout Night
Fri 24 Sep:	Committee Meeting: Host: Peter Pickering @ Home
Wed 29 Sep:	Modelling Night/Layout Night
Wed 6 Oct:	Modelling Night/Layout Night
Wed 13 Oct:	General Meeting: Entertainment: TBA



Down the Track...

- October 2 – 4:**
AMRA Exhibition, Sydney
- October 9 – 10:**
Noarlunga Model Railroaders
Exhibition, Seaview High
School, Seacombe Road.
- October 23 – 24:**
Queensland Model Railway
Show, Ipswich Rail Museum
- November 7:**
Noarlunga Open Day
and Swapmeet
- November 21:**
SARMA SwapMeet
Enfield High School
- November 27:**
SARMA Christmas Dinner
- 2011 March 27 (to be confirmed):**
Model SwapMeet
Enfield High School
- 2011 April 15 - 17:**
SARMA RailShow
Golden Grove

Cover Photo:

The winning photo at the August meeting: the Barossa Wine Train, Bluebirds 254+255-102-106, crossing Hamley Bridge on 23 August 2000. The photo will be used in the poster advertising the SARMA Railshow 2011.

Graham Nixon

The Buffer Stop

SOUTH AUSTRALIAN RAILWAY MODELLERS ASSOCIATION Inc. MINUTES OF GENERAL MEETING HELD AT DERNANCOURT ON 11 August 2010

Meeting opened at 7.45 p.m. by Hugh Williams (start of meeting was delayed by late hall access).

Members in attendance: 40

Apologies: 8

Visitors: nil

Minutes of previous meeting: Moved Dean Schluter, Seconded Trevor Carter, Carried.

Outstanding Actions and Business arising:

The secretary raised the topic of the proposed manning of a sausage sizzle at Modbury Bunnings. As there were only 7 volunteers (Hugh Williams, Peter Michalak, Gordon Chaplin, Tim Leach, David VanderLinden, Peter Pickering, Don Worby not Sat a.m.), it was decided to shelve the application. It was noted that several members who might also be interested were absent.

Correspondence in:

- End of the Line Hobbies – Voucher
- Telstra – Info Line Message Bank account
- AMRE – July 2010 minutes
- Darling Downs MRC – Train Talk May and June
- Model Railroader September
- AMRA - Journal July/August

Correspondence out: nil

Business from correspondence: nil

Finance:

Financial statements presented.

Accept financial report: Moved David Jameson, Seconded Karl Eichinger, Carried.

Reports:

Premises – Scouts are awaiting a grant for their new shed modifications.

Exhibition Layout – Progressing.

Royal Show layout – Roster nearly full.

Club Layout – nil report.

Social – Morphett Arms decided on, subject to there being no problems.

BufferStop – Secretary asked members to provide feedback (positive or constructively negative) to Chris or the writers of articles so that there was some indication of how they were received.

Library – Additions: as in *Buffer Stop* (page 11) plus Darling Downs MRC *Train Talk* May and June, *Model Railroader* September 2010 and *AMRA Journal* July/August.

Maintenance – nil report.

Bulk buys – Going well – see *Buffer Stop*.

Special Projects: Swapmeet - 21st November 2010 at Enfield High School Gym. Terry Meads gave encouraging news on early traders'

responses. He has also endeavoured to contact all the Strathmont traders.

AMRE -

- July minutes available for viewing by members.
- Tim Leach has been nominated as AMRE treasurer.

General Business:

- **Clarification of Family Membership** – only spouses and related children under 18 and full-time students are eligible for free membership under the prime member.
- Rob Burford has been appointed **Returning Officer** and nominations forms for committee will be available next month. President emphasised the desirability of having new faces on committee.
- President highlighted the benefit of attending the “**Modelling the Railways of South Australia Convention**” on Saturday, 11th September 2010.
- Strathalbyn event being held on coming weekend (14/15 Aug).

Question Time:

- HCA hopper details sought.
- SD40 mech sought.
- Light lettuce green containers (?) belong to Sattlers.

Break: Meeting suspended at 8.50pm

Raffle:

Blue D91	David VanderLinden	Pliers set
Purple B31	Graham Nixon	Voucher
Black F82	David Jameson	Knife
Orange C36	Don Worby	Bogies
Black F85	?? (Sec dozing)	Track rubber
Yellow D90	Tim Leach	Show Ticket
Blue D88	Dwayne Norris	Sticker
Orange C41	Terry Jomartz	Thomas Watch
Purple B16	Alistair Whibley	Coasters

After meeting activities:

- Members' photos: Dean Schluter, Roger Wheeler, Graham Nixon, Peter Pickering, Peter Michalak, Dwayne Norris, Allan Norris, Terry Jomartz and Hugh Williams all submitted photographs for judging by Iain Kennedy for the poster photo for next year's RailShow. There seemed to be a tie between Hugh's Model Steam Train in Rock Cutting and Nixo's Bluebirds on Bridge. Nixo was awarded the prize of a tweezers set.
- Archive pictures were shown, showing some of the older and long-standing members engaging in various activities. A few trains were also shown.

Meeting closed at 10.15 p.m.



50 Years Ago: September 1960

- President: N. Scanlan.
- Cover Picture: Line drawing of Bulldog diesel and Old Time steam loco front ends.
- Fruit trees can be made by dipping your tree in light glue and sprinkle with those little coloured balls as used in cake decorating.
- When building bench work, level from the ceiling. This gives you uniform height if floor is off level.
- To clean up odd shaped castings, an old dental burr held in a pin vice is ideal. Your dentist will gladly give them to you.
- Has anyone noticed the Yankee style boxcar advertising appearing on S.A.R. equipment lately? Noticed at Outer Harbour recently a boxcar painted bright yellow with ads for “Cockings Express Delivery Service” painted in red and black. Very effective! Anyone know of any more? If so contact Eddie Edwards, No. 141.
- Did you know? The fastest freight trains in the world, covering 1,108 miles in 27 hours, an average speed of 41 miles per hour, are the Commonwealth Railways freight trains on the Trans-Australia Railway from Port Pirie to Kalgoorlie.

40 Years Ago: September 1970

- President: John Gordon.
- Cover picture: Line drawing of Webb loco No. 700 at Blackwood taking water.
- Full page Editorial on page three about modelling, and exhibitions, and the efforts that club members put in.
- One a half page article about “Who’s Who” at SARMA explaining the club’s history, what different scales the members model, different prototypes, construction programmes, local & overseas modelling, and what goes on at monthly meetings.
- Australasian Model Railway Magazine only 30c a copy bi-monthly!
- Articles on The Australian Railway Historical Society, The South Australian O Gauge Railways, Australian Model Craft Co – AMC, Bridgland’s Hobbies in Gawler Place, The Model Centre in Pulteney Street and Modelling Notes.
- Article on S.A.R. BDX gondola by Phil Curnow & a 900 Class loco plan.

30 Years Ago: September 1980

- President: Tony Sitters.
- Cover photo: What appears to be a 2-6-0T No 2A hauling equipment out of a depot (there was no caption provided).
- LAYOUT REPORT by David Jameson: Explains some of the fun that was had while wiring fast clocks and the frustrations! Also goes on about what members get up to at the club on Wednesday nights.
- Article & Plan on an S.A.R. Permanent Work Train Ablutions Car (The 50 Years Car – Half a Centenary! But the real one was probably made from a Centre Loader). By Allan Lewis & Dean Jackson.
- 750 Class Loco data provided. It cost approximately \$65,670 to build each loco in 1951 – Cost of original locos in 1925-1928 was approximately \$23,600.
- SteamRanger & Pichi Richi Tour programmes provided.
- Lima has an Australian supplement to their 1980/81: PCO Power Van for Overland, VMPY Car Carrier, VR ELX open wagon and SAR ELX open wagon.

The Buffer Stop

**From
The Buffer Stop
Archives (continued)**



Nixo

20 Years Ago: September 1990

- President: Roger Wyatt.
- Cover photo: Triple 600s on a Broken Hill to Port Pirie Ore Train by Doug Colquhoun.
- LAYOUT REPORT by John Willmer: Wiring problems at Warraparrinna, BYO running night, ballasting at Grosvenor and work to be done on Strathowie yard.
- Page 7 article about the delivery of new loco EL51. On Friday 27 July 1990 EL51 arrived at A.N. Adelaide Rail Passenger Terminal as the leading locomotive on Indian Pacific No 5SP8, then to Islington Freight Terminal until acceptance tests commenced on Tuesday 31 July 1990. STOP PRESS EL52 arrived on train 5SP8 on Friday 7-9-1990.
- DOUBLE HEADING explains different ways to operate your model railway.
- The first two car set of electric trains for the Perth Suburban Service was attached to Express Goods 3SP1 which departed Broken Hill on Thursday 30 August 1990 as the trailing vehicles.
- STOP PRESS – The signal cabin and the subway at Kilkenny have been demolished. When looking at the rail supports of the subway two years ago, the rails were almost rusted through, so it's not a moment too soon. By Dean Jackson.
- Plan of bridge over the River Torrens included.

10 Years Ago: September 2000

- President: Peter Carter.
- Cover photo: Westrail's new 3000 hp loco S-2102 at Collie.
- LAYOUT REPORT talked about the laying of the last set of points in the Port area, and they had only three narrow gauge straight sections to go before all of the track laying for the entire layout was completed.
- RAIL GALLERY: Photos of Westrail's S-2102 at Collie and S-2108 heading south towards Bunbury on an alumina train on page 6. Brand new Perth suburban electric AEA/AEB cars on the new Joondalup line and at Perth City Station on page 7.
- Plan of VR 6 wheel U Van & bogie UB Van.
- KEEPING TRACK:
 - ◇ Great Southern Railway's daylight 2AM8 *Overland* service to Melbourne on Monday 14 August was NR 87 and 10 vehicles – a load of 456 tonnes, 259 metres long.
 - ◇ In recent weeks the GSR yard shunter at Keswick terminal has alternated between NSW FreightCorp's 8118 and BL26 *Bob Hawke* in National Rail's colours.
- Two page article on Yass Railway Museum including photos of 4-4-2 loco 1307 & section car at Yass Station, by Bill Lewis.
- Bernard Martin included a two page article on Railway Owned Hotels.

Buffer Stop indexes have been compiled over the years by three of our members who have now generously made them available for the benefit of other members.

BS Index - 1968 to 2000, by Vic Kolloosche and Bill Lewis

BS Index - May 1999 to April 2009, by Bill Lewis

BS Index - Dec 1999 to Jun 2006, by Don Snow

They will be available on the SARMA website for downloading. If you want a printed copy, the cost is \$5.00, or \$7.20 if posted (i.e. 12 x 60¢ stamps). Contact Barrie Mackinnon.

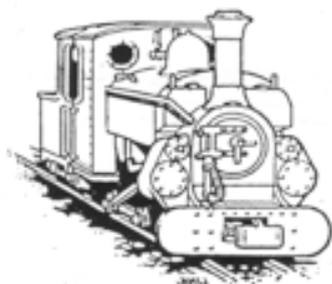
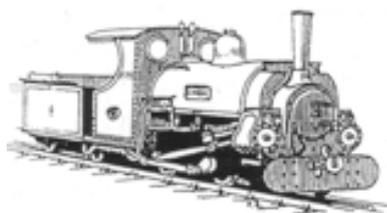
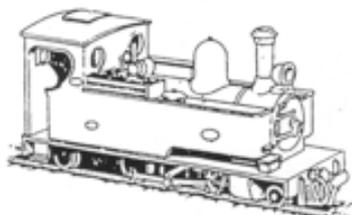
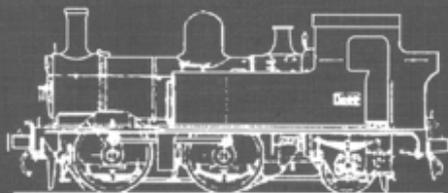
Junction Models

Shop 5, 449 Main North Road, Enfield Plaza, Enfield 5085

Phone 08 8349 7464 Fax 8349 7463

Email: mail@junctionmodels.com.au

Web site: junctionmodels.com.au



Specials for September 2010.

	Bachmann Train Set "Smokey Mountain Express" .	\$195.00
	„ „ „ „Dynamis Sprinter set”(DCC).	\$430.00
	Hornby "Devon Belle Pullman"	\$315.00
	„ "Flying Jock".....	\$260.00
	„ "Eastern Valleys Express".....	\$80.00
	„ "Caledonian Single Wheeler set ".....	\$370.00
	„ "Elite DCC" „	\$250.00
	Athearn "UP Veranda Turbine" & tender	\$306.00
	Magnifier, Large illuminated, multi-position...	\$109.00
	„ Junior „ "bendy stalk".....	\$57.50
	Pace controllers-Powered single or dual	\$179.00
	„ „ - Single Hand held.....	\$59.50
	NCE Power Cab DCC	\$265.00

DCC Concepts- Cobalt Point Motors(Stall type), OO Station Lamps and OO Train Marker Lamps available.

Southline Railway Models Switches (for Peco PL10 point motors) \$13.50

Heljan English Diesel Locos - any one for\$190

Proto 2000 - U28B or U30B locos, with DCC & Sound\$320 each.

Genesis SD45-2 Various Names Std. \$150.00 Sound/DCC \$250.00

Athearn GP35 Locos - any name \$105

„ GP38-2 Locos - S/Fe, CSX, CP \$85

„ SD45 Locos - UP, SP, Reading, Southern, Erie, GN, ...\$128.00

„ SW1500 "Southern", "CSX" + "Missouri Pacific"\$145.00

„ N Gauge Rolling stock, big range, 20% off retail.

Wiking Police cars Like VN Commodore \$18each.

Weico AEC Swift Adelaide bus (1:76 scale) \$60,

„ 1950 Royal Blue Duple bus (1:76 scale) \$72

We stock San Mateo Line signals 12% off retail.

Agents for "MyLocoSound" units for DC or DCC \$69.00 (needs decoder for DCC)

~~~~~  
Brian, Harry & Vic.

## A New Model of the SAR 900 Class

Barrie Mackinnon



900 at Middleton on the Saturday excursion train, 13 May 1972. CM

Ozrail Model Trains has announced the coming release of the RTR SAR 900 class diesel:

The loco will be manufactured in China and will comprise a resin body shell, factory painted, printed and assembled, along with our exclusively designed mechanism, all wheel pickup, 5 pole can motor with brass flywheel, directional lighting and DCC ready.

As there were only 10 locos ever built, this will be a limited release of only 200 with all running numbers covered, but the majority is expected to be 900 Lady Norrie itself.

The sample loco is expected in 3 months with the models a further 3 to 4 months after approval.

The price will be around \$349 depending on the state of the Aussie dollar.

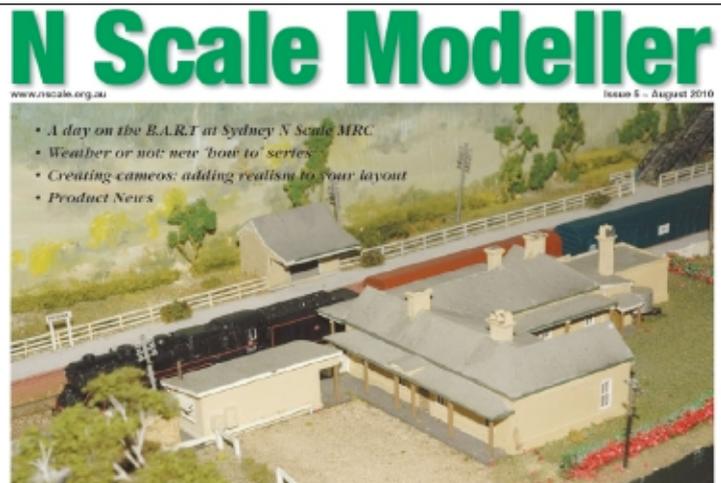
### Barrie Says...

Issue 5 of the on-line e-mag "N Scale Modeller", published in Australia, has just been released.

It is available for FREE via Internet download.

You can peruse/download Issue 5 (22 pages, PDF, size 2.4 Mb) at the following address:

[www.nscale.org.au/nsm](http://www.nscale.org.au/nsm)



### Barrie Says...

Visit the Mount Barker Model Railway Club's website at <http://www.mtbarkermrc.org.au/>. Check out the photos of their club layout over the years. It's gone DCC!

Visit [www.sarma.asn.au](http://www.sarma.asn.au).  
Send photos to Peter Michalak.

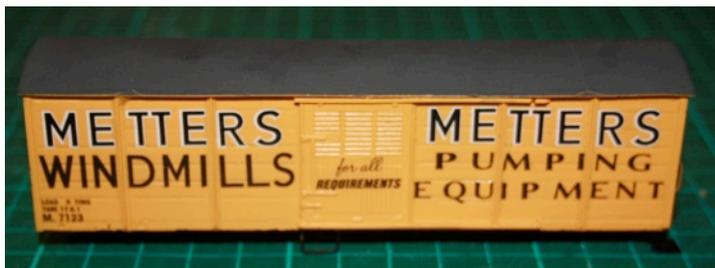
The Buffer Stop  
**Scenes from Peter's Workbench**



Here are some examples of what's on Peter Carter's workbench, since he can't display them at the monthly meetings. He got the idea for the signal box from a couple of the forums on the internet.

Cold and rainy weather in Broken Hill translates into decalling on the kitchen table in front of the TV and the heater.

Did you know? PC has two modelling toolkits. One is at home. The other is kept at Condobolin, so that on his trips he just has to take with him a small box with the models to be worked on.



## The Buffer Stop



### SARMA SALES



See Iain Kennedy

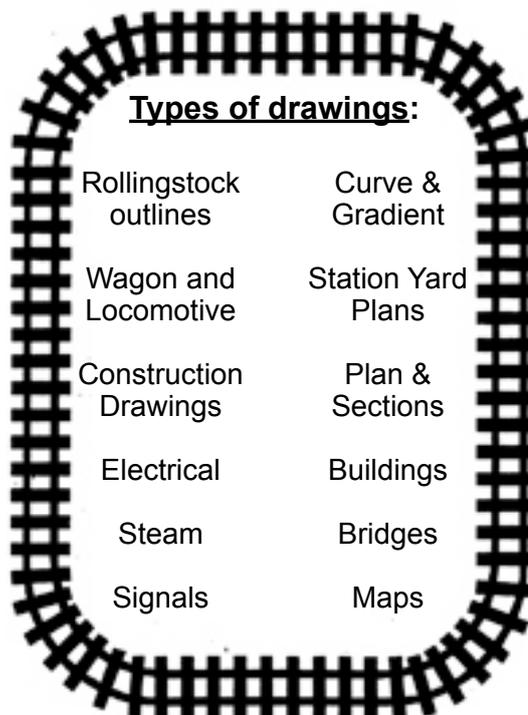
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                  |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------|---------------------------------|---------|---------|--|--------------------------------|---------|--------|---------|--------------|---------|------------------------|--------|----------------------|--------|------------|---------|----------------|---------|-----------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------|-----------------|--------|-----------------------|--------|--------------------|---------|------------------------------------------|--|--------|--------|------|--------|--------|---------|--------------|--|-------------------------------|--------|---------------|--------|---------------------------------|---------|
| <table border="0" style="width: 100%;"> <tr> <td>SARMA Pin Badges</td> <td style="text-align: right;">\$7.00</td> </tr> <tr> <td>“Rails and the River” Medallion</td> <td style="text-align: right;">\$15.00</td> </tr> <tr> <td colspan="2">Bogies:</td> </tr> <tr> <td>40 ton Round Lid, Solid Wheels</td> <td style="text-align: right;">\$11.80</td> </tr> <tr> <td>ANR XC</td> <td style="text-align: right;">\$11.80</td> </tr> <tr> <td>W Car Bogies</td> <td style="text-align: right;">\$11.80</td> </tr> <tr> <td>SEM Axles 10.5 x 25 mm</td> <td style="text-align: right;">\$1.10</td> </tr> <tr> <td>Decals for SAR M, MG</td> <td style="text-align: right;">\$2.50</td> </tr> <tr> <td>SEM GY Kit</td> <td style="text-align: right;">\$15.00</td> </tr> <tr> <td>SEM UB Van Kit</td> <td style="text-align: right;">\$21.00</td> </tr> <tr> <td>SEM E Wagon Kit</td> <td style="text-align: right;">\$22.00</td> </tr> </table> | SARMA Pin Badges | \$7.00 | “Rails and the River” Medallion | \$15.00 | Bogies: |  | 40 ton Round Lid, Solid Wheels | \$11.80 | ANR XC | \$11.80 | W Car Bogies | \$11.80 | SEM Axles 10.5 x 25 mm | \$1.10 | Decals for SAR M, MG | \$2.50 | SEM GY Kit | \$15.00 | SEM UB Van Kit | \$21.00 | SEM E Wagon Kit | \$22.00 | <table border="0" style="width: 100%;"> <tr> <td>Kadee #5 Couplers</td> <td style="text-align: right;">\$4.60</td> </tr> <tr> <td>Delrin Bearings</td> <td style="text-align: right;">\$5.30</td> </tr> <tr> <td>11'6" Underframe Kits</td> <td style="text-align: right;">\$8.80</td> </tr> <tr> <td>PVA Glue, 2 litres</td> <td style="text-align: right;">\$20.00</td> </tr> <tr> <td colspan="2">No. 2 self tapping screws, packs of 100:</td> </tr> <tr> <td style="padding-left: 20px;">4.5 mm</td> <td style="text-align: right;">\$7.00</td> </tr> <tr> <td style="padding-left: 20px;">6 mm</td> <td style="text-align: right;">\$8.00</td> </tr> <tr> <td style="padding-left: 20px;">9.5 mm</td> <td style="text-align: right;">\$10.00</td> </tr> <tr> <td colspan="2">Packs of 20:</td> </tr> <tr> <td style="padding-left: 20px;">2-56 UNC 3/8" pan head screws</td> <td style="text-align: right;">\$4.00</td> </tr> <tr> <td style="padding-left: 20px;">2-56 UNC nuts</td> <td style="text-align: right;">\$5.00</td> </tr> <tr> <td>SARMA Shirts (do you have one?)</td> <td style="text-align: right;">\$30.00</td> </tr> </table> | Kadee #5 Couplers | \$4.60 | Delrin Bearings | \$5.30 | 11'6" Underframe Kits | \$8.80 | PVA Glue, 2 litres | \$20.00 | No. 2 self tapping screws, packs of 100: |  | 4.5 mm | \$7.00 | 6 mm | \$8.00 | 9.5 mm | \$10.00 | Packs of 20: |  | 2-56 UNC 3/8" pan head screws | \$4.00 | 2-56 UNC nuts | \$5.00 | SARMA Shirts (do you have one?) | \$30.00 |
| SARMA Pin Badges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | \$7.00           |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| “Rails and the River” Medallion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$15.00          |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| Bogies:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| 40 ton Round Lid, Solid Wheels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | \$11.80          |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| ANR XC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | \$11.80          |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| W Car Bogies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$11.80          |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| SEM Axles 10.5 x 25 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | \$1.10           |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| Decals for SAR M, MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | \$2.50           |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| SEM GY Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$15.00          |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| SEM UB Van Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | \$21.00          |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| SEM E Wagon Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$22.00          |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| Kadee #5 Couplers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | \$4.60           |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| Delrin Bearings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$5.30           |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| 11'6" Underframe Kits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | \$8.80           |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| PVA Glue, 2 litres                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | \$20.00          |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| No. 2 self tapping screws, packs of 100:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| 4.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | \$7.00           |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| 6 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | \$8.00           |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| 9.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | \$10.00          |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| Packs of 20:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                  |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| 2-56 UNC 3/8" pan head screws                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$4.00           |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| 2-56 UNC nuts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$5.00           |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |
| SARMA Shirts (do you have one?)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$30.00          |        |                                 |         |         |  |                                |         |        |         |              |         |                        |        |                      |        |            |         |                |         |                 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |        |                 |        |                       |        |                    |         |                                          |  |        |        |      |        |        |         |              |  |                               |        |               |        |                                 |         |

Remember, *The Buffer Stop* is available as a pdf for downloading from the SARMA website, <[www.sarma.asn.au](http://www.sarma.asn.au)>. In it, the photos are in colour.

For details on how to download *The Buffer Stop*, contact the editors or the webmaster. Email addresses are on page 1.

### Australian National Drawings

The drawings once held by Australian National are now available to the Public.  
This includes both the SAR and CR drawings.



These plans are available to research and copy at

**Inprotrans Pty Ltd**  
320 Churchill Road, Kilburn, SA 5084  
(The old Islington Railway Workshops)

[www.inprotrans.com](http://www.inprotrans.com)    Email: [mark@inprotrans.com](mailto:mark@inprotrans.com)  
Phone: 8343 5349    Fax: 8343 5354



TRANSPORTATION  
SPECIALISTS SINCE  
1854, WHEN THE  
FIRST LINE WAS  
OPENED BETWEEN GOOLWA  
AND PORT ELLIOT

## The Buffer Stop

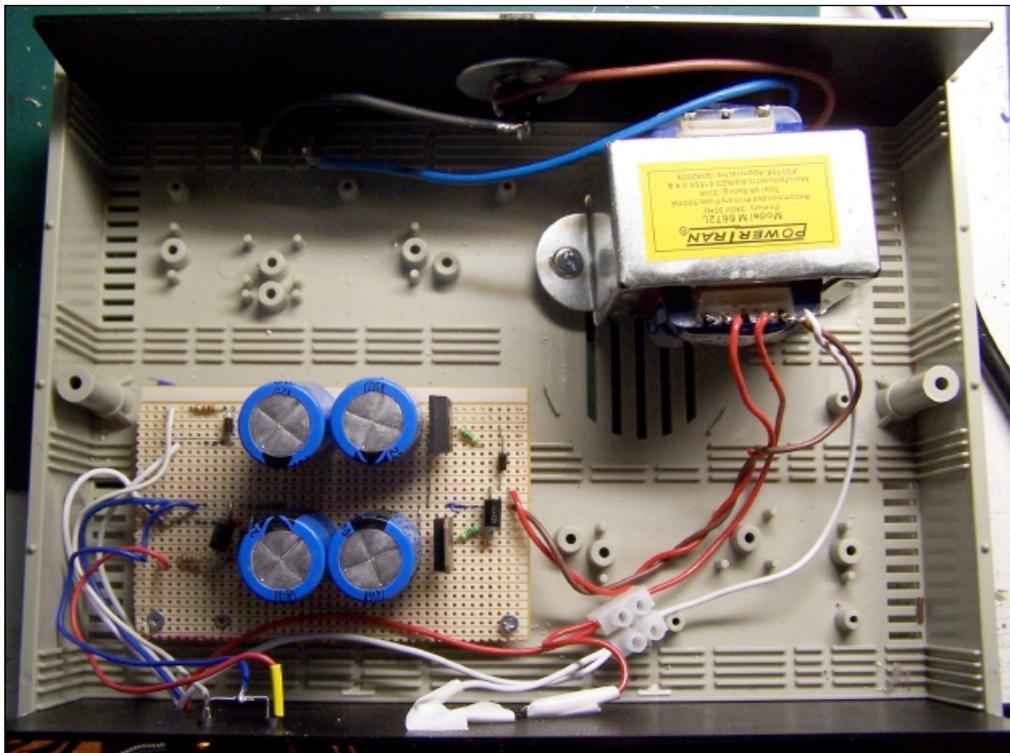
### Tim's CDU

Tim Leach has made his own capacitor discharge unit, using a circuit provided by Dean Schluter, and with Dean as his tutor. The box contains two identical CDUs. Well, they would be identical, but while one worked as it should, the other kept blowing its fuse. So Dean took it home to check it out.

Here is Dean's official Service Department Report:

Tim, your CDUs are now working purrrfect ... A fine whisker of solder was across the copper strips,

effectively short circuiting the transistor across the raw AC from the transformer. This made the transistor severely blush (or what in the trade is called letting the smoke out); the transistor of course became a solid piece of metal, thus things didn't work too well. I have added some refinements to add a visual aid to its operation, also allowing the capacitors to discharge when the power is off.



DS

## End Of The Line Hobbies

**74 Ocean Street, Victor Harbor**

**Wednesday thru to Sunday**

**10:00am to 4:30pm**

**Ph: 85527900 Fax 8552 7933**

Model Trains, Track & Accessories  
DCC controllers, decoders (inc sound)  
Model Kits (Trains, Planes, Ships, Boats, Military Vehicles, Cars & Trucks)  
R/C Vehicles (Gas & Electric), R/C boats & yachts, R/C Planes & Helicopters  
Spare parts & Fuel  
Scalextric and Die Cast Collectable Cars  
Books, Magazines and DVDs  
Model Paints, Brushes & Air Brushes  
Scratch building materials, balsa  
Modelling equipment, tools and glues.  
For all ages beginner to expert

Come in and have a look around; chat to Paul and Rodney about your modelling needs.

Email: [shop@endofthelinehobbies.com.au](mailto:shop@endofthelinehobbies.com.au)

Web: [www.endofthelinehobbies.com.au](http://www.endofthelinehobbies.com.au)

When making a purchase, identify yourself as a member of SARMA,  
and receive a 5% discount.

In addition, SARMA will receive a voucher to the same value.

### Library Report

Allan Norris

#### Recent Additions to the Library:

|                                               |               |
|-----------------------------------------------|---------------|
| Australian Railway History                    | Sep 10        |
| AMRA Journal                                  | July Aug 10   |
| Dispatcher (SANGS)                            | Sep 10        |
| Decoder (DECCA)                               | Sep 10        |
| N Scale Modellers Aust Bulletin               | Aug 10        |
| N Scale Modeller Issue 5                      | Sep 10        |
| Right on Track (NMRC)                         | Aug 10        |
| Train Talk (Darling Downs Model Railway Club) | May & June 10 |

**DVDs, Videos, Books & up to four Magazines to be charged at \$1 per month.**

**2010 CHRISTMAS DINNER**

*Following a request,  
this year's dinner will be at the:-*

**MORPHETT ARMS HOTEL  
138 Morphett Road,  
Glengowrie.**

Saturday, November 27th 2010.

The table has been booked for 6.30 p.m.

Names and numbers *tonight* please.

A copy of the menu is available for perusal  
on general meeting nights

No deposit is required.

Barrie Mackinnon,  
Social Director.

**FAMILY MYSTERY BUS TRIP**

**(To a popular venue and could include  
something not experienced by the club  
for a number of years).**

**Wednesday 8th December 2010.**

Please be at the clubroom by 5.45 p.m.  
so the bus can leave at 6.00 p.m.,  
returning around 10.30 p.m.

As you will be travelling to the clubroom in  
peak hour traffic it is advisable to allow  
twice your normal evening travelling time  
on that night.

The cost of the trip will be:-

|                               |                              |
|-------------------------------|------------------------------|
| <u>If paid on the night:-</u> | <u>If paid by 01.12.10:-</u> |
| Adult (13+): \$22.00          | Adult (13+): \$20.00         |
| Child (5 - 12): \$11.00       | Child (5-12): \$10.00        |

A **BBQ** meal will be included.

As is usual for these Mystery Trips, wear  
comfortable, enclosed foot-wear and bring  
along a prize for the 'SWINDLE'.

For catering and bus numbers, please add  
your names to the list *tonight*, or leave a  
message on 8298 8571,  
or e-mail [barrie@picknowl.com.au](mailto:barrie@picknowl.com.au)  
no later than December 1st.

According to the list the bus is already half  
full.

Payment *tonight* would be appreciated, but  
full payment is required before the  
December meeting.

If you find at the last minute that you cannot  
be at the clubroom by 5.45 p.m. please ring  
me on 8298 8571 **before 11.00 a.m.**,  
or Rob on 0417 856 816 **after 11.00 a.m.**  
and ask him to give me a message.

Barrie Mackinnon,  
Social Director.

**GENERAL MEETING NIGHTS  
PRE-MEETING DINNER**

Members and visitors are invited to join us  
for dinner from 5.30 p.m. at the  
**Bremen Hotel**

**1210 Grand Junction Road,  
Hope Valley,**

just west of Valley Road,  
each meeting night  
while we still meet at Dernancourt.

Why not come straight from work to our  
clubrooms (any time after 4.00 p.m.) and  
assist us in collating this magazine,  
prior to the dinner.

Non-regulars please ring 8298 8571  
no later than 11.00 a.m. that day.

Barrie Mackinnon,  
Social Director.

# SARMA Membership Age Profile

Barrie Mackinnon

| Age Group | 1-20 | 21-30 | 31-40 | 41-50 | 51-60 | 61-70 | 71-80 | 81-90 | 91-100 | Total |
|-----------|------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| Members   | 0    | 5     | 5     | 12    | 12    | 37    | 17    | 1     | 0      | 89    |
| %         | 0.0% | 5.6%  | 5.6%  | 13.5% | 13.5% | 41.6% | 19.1% | 1.1%  | 0.0%   | 100%  |

Data compiled for SARMA Full, Country and Life members, and the main Family members. As at 15 July 2010, the average age of these is 60.8 years.



We've always got room for your article!

### NOTICE OF ANNUAL GENERAL MEETING



All member clubs of the ADELAIDE MODEL RAILWAY EXHIBITION Inc. are advised that in accordance with Section 20, Clauses 1 to 3, of the Constitution, the Annual General Meeting of AMRE Inc. will be held on 16<sup>th</sup> September 2010 at approximately 8.00 p.m. in the SANGS Clubrooms, Semaphore Road, Semaphore.

W.H. Lewis  
Secretary



[www.toytrunkrailroad.com](http://www.toytrunkrailroad.com)



CAN YOU BELIEVE IT, MONA? HEINRICH KLOMPF! THIS MAN EATS PLASTIC TREES FOR BREAKFAST! HE COULD RUIN ME! HE'S OMNIPOTENT!



to be continued...

– reproduced by permission of Erik Sansom.

## **Converting the Exhibition Layout's Inner Track and Station Yard to DCC.**

Dean Schluter

After the Sandown exhibition it was decided that we would have to keep the present Exhibition layout operational due to our new premises still not being available.

To make the layout more interesting, it was decided to convert the inner main track, set-up yard and station yard to DCC but retain the outer main as DC.

This would greatly increase the number of trains operating at a time by allowing trains to run on the outer main with one operator, and have two operators working two trains on the inner main, plus one running the station yard and one running the stone train. It would also be easier to exchange trains to and from the inner main to the station yard and setup track area.

To achieve this, the inside and outside main tracks must not be electrically connected. When I designed the wiring of the layout it was not intended at the time to run it with DCC, but by luck I gave each main its own common return wire and not one single heavy return wire. However, going around the layout, these wires were interposed and joined in places. So the first job on the agenda was that every module has to be checked to see that the inner and outer mains are fed from their own common return, and double checked for isolation from each other.

The original wiring catered for two individual blocks to control each half of the outer main and two for each half of the inner main, one for the station yard and one for the set up track, so there were six four button cab selectors, one for each block; these would no longer be needed so they could be removed. Only one cab is needed for the outer main, so the

cab 1 sockets on each side of the layout are now hard wired to the outer main and the two blocks of the outer main are joined together. The other three cab sockets were removed. This however may be modified so that the station area outer main could be controlled separately by another hand control.

With the DCC system, if someone makes a boo-boo and shorts out the track, the whole system would shut down: to prevent this I am supplying the original two inner track blocks from an NEC EB3 electronic circuit breaker which is connected to the DCC system output. This has 3 sections; the third section will supply the setup track area. Using one of the original cab feed wires, the output of the DCC system is taken around the layout to an NEC EB 1 electronic circuit breaker to supply the station yard and mine area.

The modules of the big yard will have between them four DCC hand control sockets fitted, there will be one in the mine area, and at least 3 in the station area. The DCC system will be fitted under module number 3 because there is a 15 volt AC transformer mounted there that is no longer needed for the discarded DC cab 2; this will power the DCC



## The Buffer Stop

### **Converting the Exhibition Layout's Inner Track and Station Yard to DCC (continued)**

Dean Schluter

system. One of the setup tracks will be wired as a programming track.

Originally it was possible to cross to the inner main from the outer main at both ends of the big yard; this will temporarily (in case the layout goes full DCC) be disabled by disconnecting the switch motor coils and pinning the tie bars. Ever since we built this layout we have had trouble with the Peco double pole double throw accessory switches, so this was a good opportunity to get rid of them and fit a new type that uses two micro switches. This has increased the bulk of the work being done, but it will be worth it; also a lot of now unnecessary wiring and switching is being discarded.

In the station yard area it was possible also to cross over to the station yard from the outer main. The coils on the switch motors involved will be disabled and the tie bars pinned. Both control panels for the big yard and the station area will have the buttons that controlled these movements removed, also the isolation switches for the big yard inner holding tracks are no longer needed and will be removed.

Because there will be more traffic on the inner main, extra signals will be installed to prevent rear end collisions and control the movement in and out of the station yard.

With DCC of course it is possible to unplug the control and follow your train thus you can observe and obey any signal facing your train.

During these modifications the troublesome track joins on the corner modules will be relaid, and some features like people, bill boards etc. in the town area will be added.

The club will have three LH90 hand controls and quite a few members have their own. Most if not all of club locos will be chipped for DCC.

I would like to thank Don Worby, Gordon Chaplin and others who are assisting me with this project.

I am sure that these changes will make the layout more interesting for both the operators and the public and it could be used for a temporary club layout if and when we get into our new quarters.



Opposite Page:

Don works on  
Module 3.

Left:

Dean and Gordon at  
Module 1.

# One Man Point To Point Layouts

Peter Pickering

This article contains suggestions for producing a small point to point layout primarily for operation by one person, particularly if that person has some difficulty in moving around.

A small point to point layout will normally comprise a terminal station, a short stretch of plain track (usually in a country setting) and some means of terminating and returning trains to the terminus. This could be another terminus, a return loop or a fiddle yard. A fiddle yard provides a means of storing and/or turning and returning trains. We will look at the pros and cons of the various types of fiddle yard in part 2, but first we need to look at the space at our disposal and the layout options available within that space. Don't underestimate the visual value of the intermediate plain track. After all, that is what over 99% of railways are made up of and it gives you the opportunity to see your trains in action. A wealth of scenic detail can be included to make this stretch appear longer and more interesting.

One of the significant factors for a layout which is going to be operated by one person is how far and how often the operator will need to move to effect a train turn-around. For instance, if the available space is long and narrow such that one end of the layout will be a significant distance from the other, a manual operation to store and/or return each train could be undesirable. Conversely, the operator might enjoy following each train along and going through the shunting, storage and reversal process.

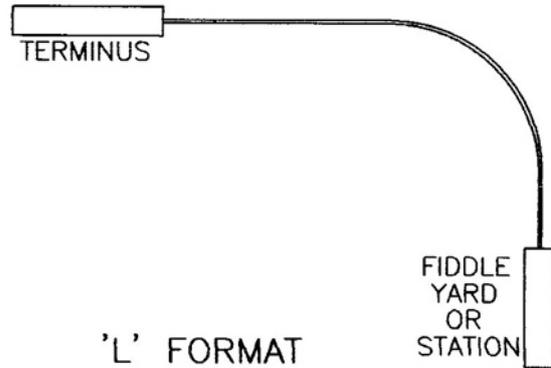
The basic shapes for a small layout are:

- The linear or "I" shape which would normally be a wall mounted shelf layout giving excellent access:



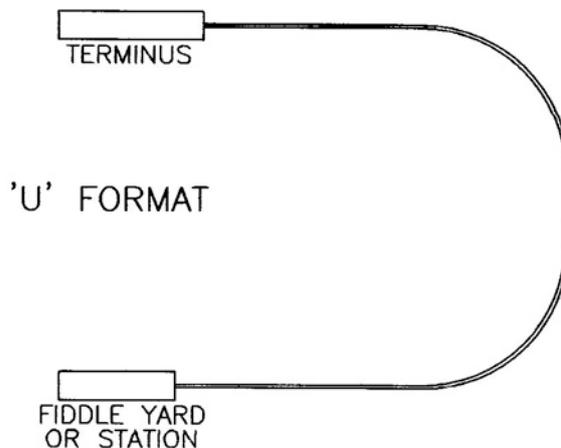
'I' FORMAT

- The "L" shape which is an "I" with a curve in it (good access is retained providing that sidings are not poked into the corner behind a large radius curve):



'L' FORMAT

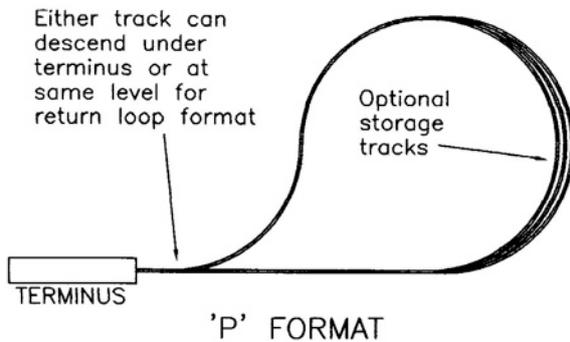
- The "U" shape which is an "I" with two curves or one long curve. The significant feature of a "U" is that the two ends of the layout can be physically close to each other, reducing the operator's travelling distance, while still allowing easy access to all parts of the layout:



'U' FORMAT

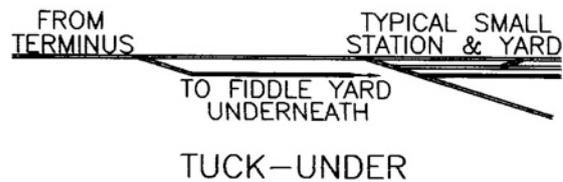
- The "P" shape, where the track returns to a low profile fiddle yard under the main station, can be the ideal shape for a physically restricted lone operator providing that the fiddle yard is of a type which slides out so that the yard and, when necessary, the underside of the station can be accessed. The problem with this format could be that, if a derailment or other problem occurs where access to parts of the return loop are difficult, an able-bodied

person would need to be available for assistance.



- A variation of the "P" configuration is the return loop which has two disadvantages in addition to the one above. Firstly, the train needs to be stopped and the polarity reversed before re-entering the terminus. Secondly, unless the return loop is long enough to hold more than one train or is multi-tracked, the train which just left the terminus is the one immediately returning. This may not be very satisfying and, in many ways, is similar to a round and round layout. Multi-tracking on the return loop improves the situation by putting in a mid-stream fiddle yard. This could be turned into a station, with passenger trains held in the outer platform roads and freight in the centre.
- For more variety, or if you are likely to be joined by a second operator from time to time, a "split tail tuck-under" configuration might be the one for you. Here, the line

leaving the terminus divides, with one branch rising over the top of the other. The upper branch would normally lead to a small station and/or yard and the lower branch to a low profile fiddle yard in the same way as the "P" configuration. The "split tail" layout has the advantage that it can be fitted into a narrow space, taking up little, if any, extra horizontal space. You can also have a split tail without the tuck-under, but it is better to build in a height difference otherwise it looks like one station. "Split end" and "non-branching branch" are other terms that describe the same thing. Don't worry if you are not familiar with these terms; they are not that common and the names are not important. The split can be in the terminus itself or part way down the track.



Look at the diagrams to see which format suits you and your available space. Don't be afraid to use variations of these formats.

In part 2, we'll look at some of the many forms of fiddle yard and discuss the pros and cons of a fiddle yard versus a station.

One porter to another: "I always start the day with a smile – and get it over with."



## Committee Notes

### Master Modellers Competition

With all the modelling activity taking place in Galvey Hall on Wednesday nights, the SARMA Committee is proposing to revive the Master Modellers Competition.

The intention is to have the following categories:

Structures, Rolling Stock and Locomotives; with each category further subdivided into Scratchbuilt, Kitbashed and Kit-built.

There must be a category somewhere in there for you.

More information later. Meanwhile, get on with it (or them)!

### SARMA Committee 2010 - 2011

Nominations for the committee for 2010 - 2011 are now open.

A nomination form is included with this copy of *The Buffer Stop*.

For a list of the Committee positions, and the current members, refer to page 1.

Please hand completed forms to the Returning Officer, Robbie Burford, a.s.a.p.

### Situation Vacant

The SARMA Committee is looking for a member who would be willing to keep the information about the club's activities up-to-date on the club's website.

If you are interested, please contact Hugh Williams.



### “Bid by Post” for a model of T387 in HO scale with the colours of YP Rail.

The Lions Club of YP Rail are having a “Bid by Post” for a Powerline production model of loco T387 in the authentic colours of YP Rail.

The retail price is around \$350. What is your bid?

The proceeds will go into the local Wallaroo community.

Send your bid, along with your name and telephone number, to

Lions Club of YP Rail

“T387 Bid by Post”

PO Box 5

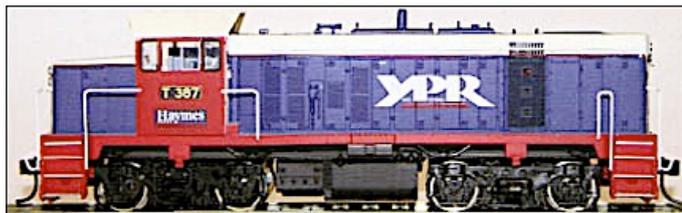
WALLAROO SA 5556.

Entries close at 1600 hours on Friday 10<sup>th</sup> November 2010.

The winner will be advised by phone on Monday 13<sup>th</sup> November 2010.

Good luck to you all.

John C. Boswell, Lions Club of YP Rail President.



## The Buffer Stop

# PORTER LEIGH'S PUZZLE LAND

Porter Leigh lives in Puzzle Land where life isn't meant to be easy.  
Can you help him by solving these puzzles? – Answers next month.

### Your turn

One day Porter Leigh visits the Arthurtown Live Steam Modellers Society and watches a slow freight passing by. He notices that somebody has painted one mark on each wheel of the model 2-6-0 locomotive and that when the train passes where he is standing the marks on the small pony wheel and the first driving wheel are in such a position that these two marks are as close to each other as they could be.

If the small pony wheel moves forward 42 cms in turning once and the large driving wheel moves forward 102 cms in turning once, how far would the locomotive have to move forward in order that these two marks should both once more occupy the same relative positions?

[This is a good, old-fashioned Lowest Common Multiple problem. Old-timers, who got a *proper* education, should have no difficulty!]

oooo OOOOOOOO - OOOOOOOO oooo

### Designer wall scrawl

Ira Movette, who works for the local painter, has been called upon to remove offending graffiti that Noah Body a graffiti 'artist' has been painting on the station walls. Ira finds that the tin of paint of the particular color required for the job is only one third full.

She dilutes it with water until the tin is two thirds full. She then decides this might be too weak, so she tops the tin up with a mixture twice as strong as the original.

Is the resultant paint stronger or weaker than the paint she originally began with, and, if so, by how much?

*Travel by train - Build the line to Seaford - Save our trains - Redhens forever - Travel by train*

Q: What is black when you buy it, red when you use it,  
and grey when you throw it out?                      A: *Coal.*

*Knock, knock,.....Who's there?.....Willis,.....Willis who?.....Willis train ever be on time?*

Porter Leigh's Ponder Line:-

*If a book about failures doesn't sell, is it a success?*

If you know any suitable puzzles, games or jokes, please send them to Porter Leigh c/- The Editors.

### Answers to last month's puzzles

It takes time. Answers: The ticket office is 10 kilometres away and Porter Leigh must walk at  $2\frac{1}{2}$  kilometres per hour to get there on time at 6.00 a.m. The time is now 2 a.m.

Working out: Let the distance be  $x$  and the time now  $T$ . If he leaves now and walks at two kilometres per hour he will arrive an hour late, i.e. at 7.00 a.m. Therefore the time taken in hours will be  $(7 - T)$ . As his speed is two kilometres per hour, the distance he walks in this time will be:  $x = 2(7 - T)$ . If he sets out in an hour and walks at five kilometres per hour he will arrive an hour early. That is, he will spend, all in all, three hours less in travelling there, i.e.  $(4 - T)$  hours. In each hour he will walk five kilometres, so the distance he will walk will be:

$x = 5(4 - T)$ . By equating these two expressions we find that:  $14 - 2T = 20 - 5T$ . Solving this for  $T$  (consult any Year 8 student) gives us  $T = 2$ , i.e. it is now two o'clock. Thus, if he leaves now and walks at two kilometres per hour, he will walk for five hours in order to arrive at the ticket office at seven o'clock. The ticket office must therefore be 10 kilometres away. To get there on time if he leaves now, he has to walk 10 kilometres in four hours, so he must walk at  $2\frac{1}{2}$  kilometres per hour.

Fly the flag. The flag reaches the top of the pole after the twenty-eighth pull.