

SOUTH AUSTRALIAN RAILWAY MODELLERS' ASSOCIATION INC.

PROMOTING THE HOBBY IN SOUTH AUSTRALIA  
SINCE 1957



*Prototype  
& Model*



*Accident Train  
Timber Wagon  
FB8653*



INSIDE

Building Accident Train Timber Wagon

Clubroom Layouts Report

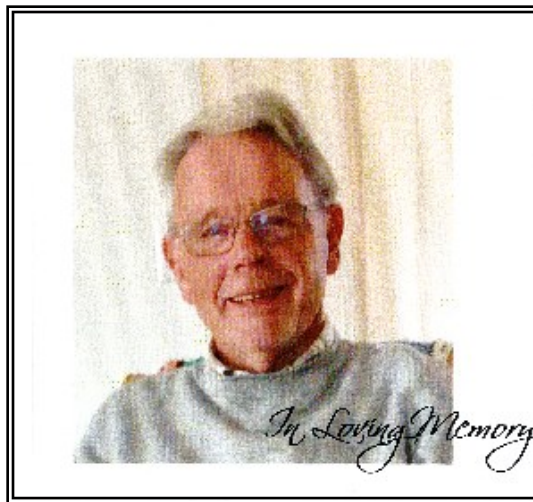
Railway on Line

Strathburn visits Corio

Vale: John Doherty

# Vale John Doherty

4th September 1940 -  
2nd January 2018



*Sincere condolences to Carole  
and John's family*

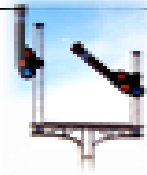


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### Diary

<b>Wed 14 Feb</b>	<b>General Meeting</b>
Wed 21 Feb	Work night
Wed 28 Feb	Work night
Wed 7 Mar	Work night
<b>Wed 14 Mar</b>	<b>General Meeting</b>
Wed 21 Mar	Work night
Wed 28 Mar	Work night
<b>March 30 - April 2 Easter</b>	
Wed 4 Apr	Work night
<b>Wed 11 Apr</b>	<b>General Meeting</b>
Wed 18 Apr	Work night
Wed 25 Apr	Work night
Wed 2 May	Work night
<b>Wed 9 May</b>	<b>General Meeting</b>



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

February 17,18 Ararat (Vic)  
March 4 Thirlmere (with steam festival)  
March 3,4 Forestville (NSW)  
March 10-12 Sandown(Vic) & Kyneton(Vic)  
March 17,18 Bundaberg (Qld) Expo  
March 24,25 Kaleen (ACT) Expo  
Mar 31/Apr 1 Bendigo  
& Diamond Creek Expo  
(Model Trains, Railway Memorabilia, etc)  
May 5,6 Hornsby Heights (NSW)  
May 12,13 Brisbane (Bowen Hills Qld)  
May 19,20 Albury (NSW) &  
Richmond Vale (NSW)

**February is very quiet  
*Just the time to make a  
contribution to the Buffer Stop***

**Front Cover: Photos - Chris Drymalik, Barry Marshall  
via National Railway Museum, Matt Sanders**

**Cover pics are an intro to Matt's twenty-plus page  
article on researching and building a particular  
and unique part of the Tailem Bend accident train.  
Patience is needed - it will take 5 - 6 months.**

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

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

### Membership rates 2016 – 2017

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

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

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

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

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

SARMA Telephone InfoLine: (08) 8411 5500

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

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

### “Buffer Stop” Contributions

**Email address: [peterp23@bigpond.com](mailto:peterp23@bigpond.com)**

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

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

**The deadline for the March issue is FRIDAY 16 FEBRUARY**

### **COMMITTEE MEMBERS FOR THE 2017 – 2018 YEAR**

<b>President:</b> Fred Leaper Phone: 8263 1107 email: <a href="mailto:fleaper01@gmail.com">fleaper01@gmail.com</a>	<b>Layout Director:</b> Dean Schluter Phone: 8336 1802 email: <a href="mailto:dean.schluter@bigpond.com">dean.schluter@bigpond.com</a>
<b>Vice President (Special Projects):</b> Richard Ash Phone: 0488 000 791 email: <a href="mailto:dickyboyz99@gmail.com">dickyboyz99@gmail.com</a>	<b>Exhibition Layout Director:</b> Bob Houston Phone: 0428 816 812 email: <a href="mailto:bobhouston5@bigpond.com">bobhouston5@bigpond.com</a>
<b>Vice President (Administration):</b> Roger Wheeler Phone: 8356 9044 email: <a href="mailto:rawheeler.grange@hotmail.com">rawheeler.grange@hotmail.com</a>	<b>Maintenance Director:</b> Don Worby Phone: 0408 855 038 email: <a href="mailto:atmrg@live.com.au">atmrg@live.com.au</a>
<b>Secretary &amp; back-up AMRE Rep:</b> David van der Linden Phone: 0419 847 619 email: <a href="mailto:david@vanderlinden.id.au">david@vanderlinden.id.au</a>	<b>Social Director:</b> Matt Lavista Phone: 0429 070 084 email: <a href="mailto:lavip51@gmail.com">lavip51@gmail.com</a>
<b>Treasurer:</b> Gordon Chaplin Phone: 8261 9736 email: <a href="mailto:gordon.chaplin@bigpond.com">gordon.chaplin@bigpond.com</a>	<b>Editors:</b> Peter Pickering      Phone: 8344 7625 (answering machine) email: <a href="mailto:peterp23@bigpond.com">peterp23@bigpond.com</a>  tba
<b>Librarian:</b> Kelvin Brinkley Phone: 0408 854 020 email: <a href="mailto:kbb@picknowl.com.au">kbb@picknowl.com.au</a>	

### **Other positions held by SARMA members:**

**AMRE - Club representative:** Allan Norris Phone: 0401 239 942 email: [addnor@optusnet.com.au](mailto:addnor@optusnet.com.au)

**AMRE Deputy Convenor:** Richard Ash Phone: 0488000791 email: [dickyboyz99@gmail.com](mailto:dickyboyz99@gmail.com)

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

**AMRE Treasurer:** Tim Leach Phone: 8289 5574 email: [tim.leach@qbe.com](mailto:tim.leach@qbe.com)

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

# Editorial & Miscellanea

## *Welcome to the February Buffer Stop*

I regret to advise the passing of ex-member John Doherty. John was an active member of SARMA during the nineties. He took over from Tony Sitters as Vice President (Special Projects) around May 1997 and was still in office until 2001. Sometime after this he decided to move to Kyneton in Victoria. He continued to provide snippets ("On Distant Rails") for Buffer Stop until a few years ago. I am indebted to Brian Chester for supplying a scan of John's memorial card.

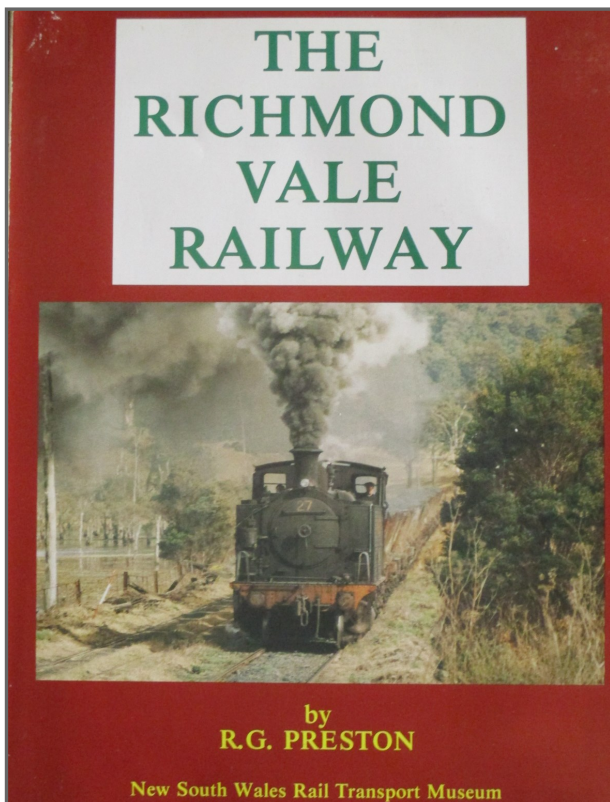
The position of second editor continues to remain unfilled but we now have a non-committee back-up editor, Graham Phillips, who will be able to fill in for me should I be unable to produce an issue. He will receive the support, as I have, from Dean Schluter who, as well as printing the Buffer Stop, provides a second set of eyes to pick up any major cock-ups. I would like to

record my appreciation of Dean for his contribution to Buffer Stop, on top of his other responsibilities.

This month sees the start of a multi-issue article on building a unique piece of South Australia rolling stock. You will find many notes on research, including web links to sites which you are likely to find of interest, even if you don't plan to build this wagon.

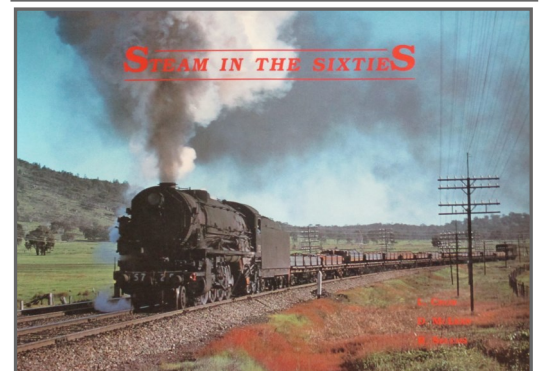
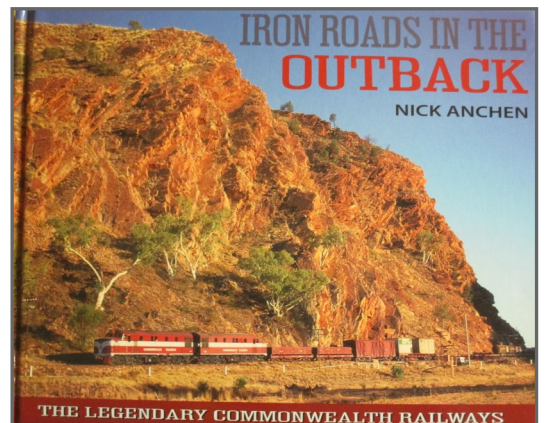
Coincidentally, Ben Adamson, our webmaster has started a series to highlight particular websites or other online resources which provide material that could be useful for modelling. There is a lot of data out there and some of our members already make use of it, however, some of us need a bit of guidance to find it.

*PeterP*



Books  
new to  
the  
library

See page 20





## EDITED MINUTES OF THE GENERAL MEETING HELD AT DERNANCOURT ON 10th JANUARY 2018

**Meeting opened** at 7:35 pm. Chairman: Fred Leaper

Members signed in: 46

Apologies: 4

Visitors: 2

New Members: Dennis Kahl, Proposed by T. Carter and seconded by A. Smith; Accepted

**Minutes** of previous meeting: Moved by B. Houston and seconded by P. Mackinnon; Carried.

Outstanding Actions and Business arising: nil

### **Correspondence in:**

Email from Ron Hume – Layout for Sale

Train Talk for Nov 2017 – Toowoomba MRC

Model Railroader - Jan 2018

AMRA Journal – Nov-Dec 2017

### **Correspondence out:**

AMRM clubs details for 2018 (via email)

Letter of thanks to Jenifer Thompson for donation of books and DVDs

### **Business from corres:** nil

**Finance:** Financial statements presented – see attachments

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

### **Reports:**

**Exhibition Layout** – Layout currently on display at TTG Library. Next destination is Corio in Victoria on the Australia Day long weekend and then AMRE in June.

**Club Layout** – The projector screen has been installed. Workers have had a test run to check for faults and work on training. Dean pointed out that members should only put their names down for two prototype operating groups or else the groups could become too large themselves. The groups also need to work out suitable days or evenings to operate. Dean hopes to have the tutorial video ready in a month.

**Social** – Matt was glad everyone had a good time on the mystery trip to the Greenock Aviation Museum. He floated some other ideas for social outing destinations including Burra and Tailem Bend. He also asked if members had layouts that the club could visit. There were also suggestions about Clare, Riverton and Peterborough.

**BufferStop** – Peter still wants more modelling articles, even small ones. He has one coming that will span a number of issues.

**Library** – Kelvin is continuing to index all the new DVDs and Books that have been donated to the club. Roger Wheeler asked if the library will be getting the new book by Dr John Wilson.

**Maintenance** – Nil

**Bulk buys** – Nil

### **Special Events –**

**Swapmeet** - Terry reported that he has quite a number of bookings already and this points to a potentially successful event.

**AMRE** – Allan reported that Mt Barker will no longer run the second hand table and that there is an effort being made to get AMR to do it.

### **General Business:**

**Matt** brought along a number of books and magazines to give away to members.

**Colin Barnes** announced that due to health concerns, he can no longer do any heavy lifting for the Sausage Sizzle. He is happy to continue to organise supplies and the like but will need someone else to take on the job of transporting the BBQ and gazebo to and from events.

**Ben Adamson** asked for members input about what they want or expect to see on the website. Allan Smith suggested YouTube links to railway model videos.

**Peter Pickering** announced that he now has an assistant in Graham Philips. Graham will help out with the magazine but won't hold a committee position.

**Gordon Chaplin** was offering free apricots from his own tree.

### **Master Modellers**

The President presented the Master Modellers awards to their following recipients.

Master Modeller to **Dwayne Norris** for his 4400 composite brake - Vic Kollosche award

Master Modeller to **John Gordon** for his sanding tower - Tiny Edwards award

Master Modeller to **Peter Pickering** for his signal cabin

Master Modeller to **Trevor Carter** for his hotel building

Highly Commendable to **Ben Adamson** for his tractor shed kit/diorama

Highly Commendable to **Allan Smith** for his refinery diorama

Highly Commendable to **Trevor Carter** for his kit bashed card kit

Highly Commendable to **Trevor Carter** for his 8300 brake

Novice Award to **Chris Whibley** for his rock crushing plant

#### **Show & tell:**

**Len Redway** presented an SAR four wheel sheep wagon kit that he and his son have developed. It is a 3D resin printed kit of four parts that can have sheep added to it. He expects the price to be around \$75.00 depending on quantities ordered. Each kit takes about eleven hours to print but the detail level is excellent.

**Ben Adamson** and **Peter Pickering** talked about their Master Modellers entries.

**Dean Schluter** has put DCC decoders into two locos that Karl Eichinger has donated to the club. They are American prototype and will be for the club's American prototype group.

#### **Raffle:**

Apricot, E55, John Venning, Junction Models voucher

Apricot, X72, Jeremy Kemp, Honda cap (mystery prize)

Apricot, X57, Tim Leach, Peco rail cleaner

Apricot, E94, Gordon Chaplin, Aussie Card model

Apricot, X08, David Baird, Pick up tool

Apricot, E66, Brian Woods, Weathering Liquid

Orange, M11, David Boyce, Wiking police car

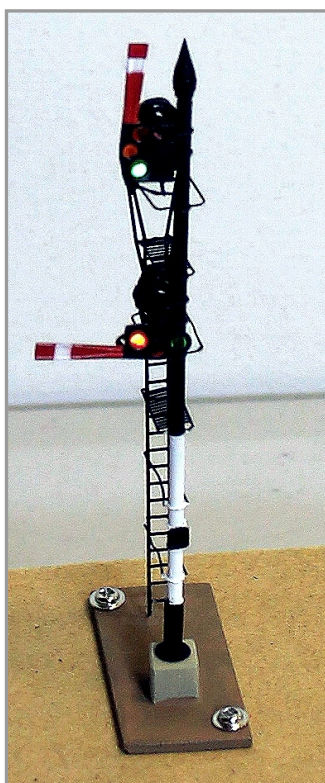
Apricot, X07, David Baird, Tacky Wax

Orange, M27, Bob Fleet, Reference book

Apricot, E43, Richard Ash, Miscellaneous parts

**Meeting closed** at 8:45pm

**After meeting activities:** Tony Sitters showed some steam heritage operations in South Australia.



### **JOHN'S HANDYMAN SERVICES**

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- Gardening
- Painting
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### **50 Years Ago: February 1968**

PP

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

**No Buffer Stop issued in February 1968**

### **40 Years Ago: February 1978**

TS

**President: Trevor Carter**, Vice-Presidents: Allan Kitto, Vic Kollosche, Secretary: Bob Irvine, Treasurer: Don Snow; Librarian: Tony Sitters, Layout Director: David Jameson, Maintenance: Alistair Whibley; Entertainment & Records: Len Redway; Editor: Geoff Pearson

#### **Programme:**

Wednesday, 8.2.1978 – General Meeting Night – Film courtesy of Len Redway. Model Display – Brakevans and Work Cars

Sunday, 12.2.1978 – Paintathon

Wednesday, 15.2.1978, 22.2.1978 & 1.3.1978 – Layout Construction Nights

Wednesday, 8.3.1978 – General Meeting Night – Model Display – Signals and Lineside Structures

#### **Committee Notes** –extract :-

1. Good and bad news – the good news is that the tea and coffee levy has been removed; the bad news – subscriptions are due in April and will be \$10 full, \$6 Junior and Country whilst the Joining Fee remains at \$5.
2. The Myer's Exhibition was a good success – our thanks to all who helped make it so.
3. A reminder of our 21st Birthday Dinner Trip on 24th June departing the Adelaide Railway Station at 1900 hours for Nairne.
4. Clubroom outside painting was commenced on 5.2.1978 and depending on how many turn up, painting may take some time.

**Articles** by David Griffiths on the Victorian Railways A2 Class Locomotive and the VR 'E' Class - second 'M' Class of the SAR and Ray Zeffert on Constant lights on Loco's.

**Plans** as supplied by David Griffith on the VR A2 Class and VR 'E' Class.

### **30 Years Ago: February 1988**

PP

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

**Cover:** 350 class diesel electric, the first DE on the SAR, going into service two years before the 900 and GM.

**Finsbury Ammunition Factory:** Plan (A3 size) and picture.

**Uses for toothpicks:** Article with sketches by 'Geof'. They scale out at 16ft x 6" dia in HO. Can be used for vehicle barriers, picnic tables, playground equipment (climbing frames, swings, see-saws, forts, cubby houses), fences, walls and buildings.

**Use for a triangle:** Sketch and article - origin unknown.

**Horse Power:** Use of horses on tramways and railways.





## 20 Years Ago: February 1998

PM

**President:** Trevor Carter, Vice President (Administration): Peter Carter; Vice President (Special Projects): John Doherty; Secretary: Brian Leaney; Treasurer: Don Snow; Layout Director: John Willmer; Modular Layout Director: Peter Saunders & David van der Linden; Maintenance Director: Bernard Martin; Social Director: Tony Sitters; Librarian: Barrie Mackinnon; Editors: Paul Mackinnon and Bill Button;

**Front Cover:** Mikado 706 at Mile End during the 1950s photo by Noel Potter.

**Layout Report:** Electrical work is continuing with 240V cabling being installed. The layout room 240v wiring is complete, with a run being installed to the clubroom door to ensure no transformers or soldering irons can be left on once the last person leaves the clubrooms.

**Crosswords:** or more so... the answers to the two in December's edition!

**Article:** Progress on the new modular layout by Dean Schluter

**Article:** SAR Peterborough Division Statistics for May 1954 – during May 1954, there were 57 T's and 10 400 class Garratts on the books.

## 10 Years Ago: February 2008

DVL

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

**Front cover** has a picture of the first club layout at Tin Town 1960

**Modelling Aids** part 7 looks under the layout



**Bogie Loco Sand Flat Car** – Bill Lewis

**Handy tip** for surplus Plug Packs

**John Looker** and his relief loco

**Paint removal** by Richard Ash

**Last Train** to Rhyder part 2

**On Distant Rails** – John Doherty

# Building Accident Train Timber Wagon FB8653 in HO scale

Matthew Sanders

*An exercise in networking, photo-based research, and scratch-building to model this unique vehicle.*

## 1. History and Description

Photo 1. Completed model.  
27.12.2017. Author photo.

'A' end



This article traces the history, research and construction processes required to build a model of this wagon. FB8653 formed part of the broad gauge Tailm Bend Accident Train, carrying the large blocks of timber used to support the crane and re-railing equipment.

This flat wagon is an FB-class, fitted at the 'B' end with a half-length curved roof and overhead rail system to support a small crane which is used to lift the baulks of timber carried on the wagon.

This wagon, FB8653 has a build date of 24 September 1927. It is described as "Accident Train Timber Wagon; Tailm Bend". ([http://www.comrails.com/tims/rs\\_wazf.html#AZFF008653](http://www.comrails.com/tims/rs_wazf.html#AZFF008653))

*(SAR sources in Adelaide and Tailm Bend advise me that it was informally known as the "match wagon", the timbers it carried snapping like matches under forces applied by a 107-ton capacity crane.)*

I have been unable to establish the dates the additional structures were added for use in the accident trains. It is reasonable to expect these vehicles were modified to coincide with the delivery of the 107-ton cranes from Cowans, Sheldon and Co.

Having been unable to find any early photos of FB8653, I cannot comment on its initial appearance as a timber-carrying wagon. That stanchions are welded over spaces formerly occupied by buffers suggests work was carried out on the wagon in the 1940's when buffers were removed from many SAR vehicles.

Forgotten Films 4 <https://gaming.youtube.com/watch?v=PscIMyi4Zto&list=FLNJhHiWCu4nG3jcEabwM61Q>

(Images appear at 9m: 24s.) shows images of the Tailm Bend Accident Train from 1950's (hauled by 750 class loco) to early 1960's form (Accident Van 2 is not in consist). The pipe and diamond mesh structures are absent. Other details around the roof section of the wagon are also different from its current form. The 107-ton capacity crane shown is probably No. 2 The water tank on the tender wagon is raised and the auxiliary 4-wheel tank wagon is not present. Correspondence with the National Rail Museum indicates that the present structures were in place in the 1960's era.

A wooden box-like structure which appears at the wagon's 'A' end in Photos 2 and 3 is no longer on the wagon. A similar box appears on the 60-ton crane, which was part of this train in later years and is now at the National Rail Museum, Port Adelaide.

During AN days on 28.06.1989 this wagon was reclassified from wagon "AZFA 8653 C" to wagon "AZFF 8653 W". ([http://www.comrails.com/tims/rs\\_wazf.html#AZFF008653](http://www.comrails.com/tims/rs_wazf.html#AZFF008653))

By May 2014, the SAR code FB8653 had returned and painted in the AN white and gold scheme, the wagon formed part of the display at Taillem Rail Museum. (Refer Photo 13.)

## 2. Prototype Appearance and Construction.



Photo 2. Callington. Locos SAR 937 + 939 + 951 Taillem Bend Accident Train – loco 938 after being re-railed – wagon FB8653. 21.12.1972 Barry Marshall photo.

FB8653 is noticeably different in construction and appearance to a similar vehicle, FB8627 from the former Mile End Accident Train. FB8627 can be viewed at:

<http://www.flickr.com/photos/cpdbear/5977417985/in/photostream>

<https://www.flickr.com/photos/60901191@N08/9313709026/in/album-72157627292276288/>

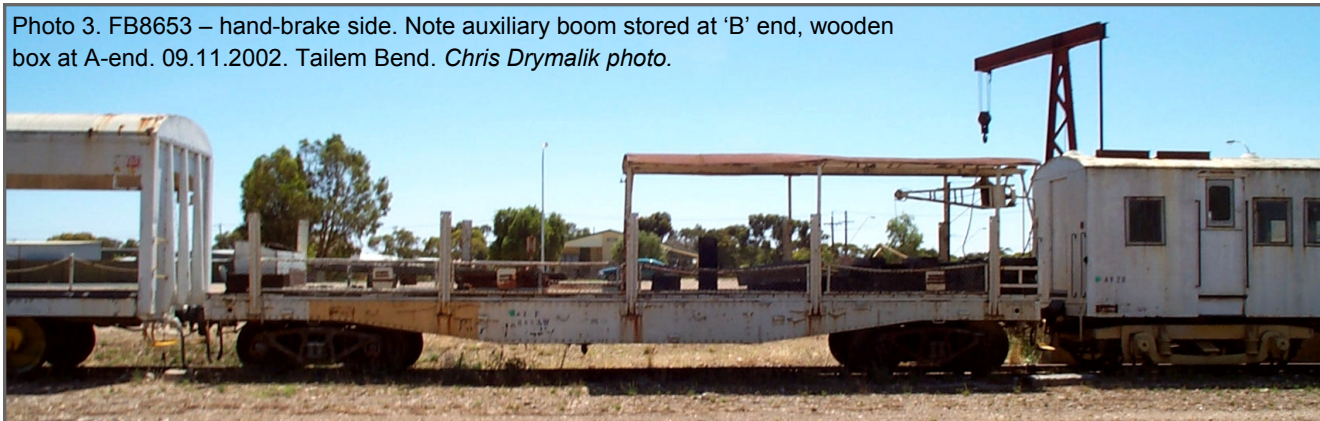
While the roof on FB8653 has a similar profile to an M-van, FB8627 has a full-length, tighter radius, arched roof above higher timber and steel sides and ends. Overall, FB8653 is of a much lighter construction.

On FB8653, the roof assembly is supported by three stanchions along each side and two more stanchions at the 'B' end. Both vehicles have a compressed-air powered crane, supplied from the train brake pipe, at the 'B' end.

An unusual construction detail is the removal of stanchion location brackets from the first stanchion either side at the 'A' end. Closer examination shows the rivets appear to have been entirely drilled out on one side and the heads only removed on the other, leaving stubs of rivet shaft. It appears the brackets may have gone to the 'B' end stanchions attached near the former buffer mounting points.

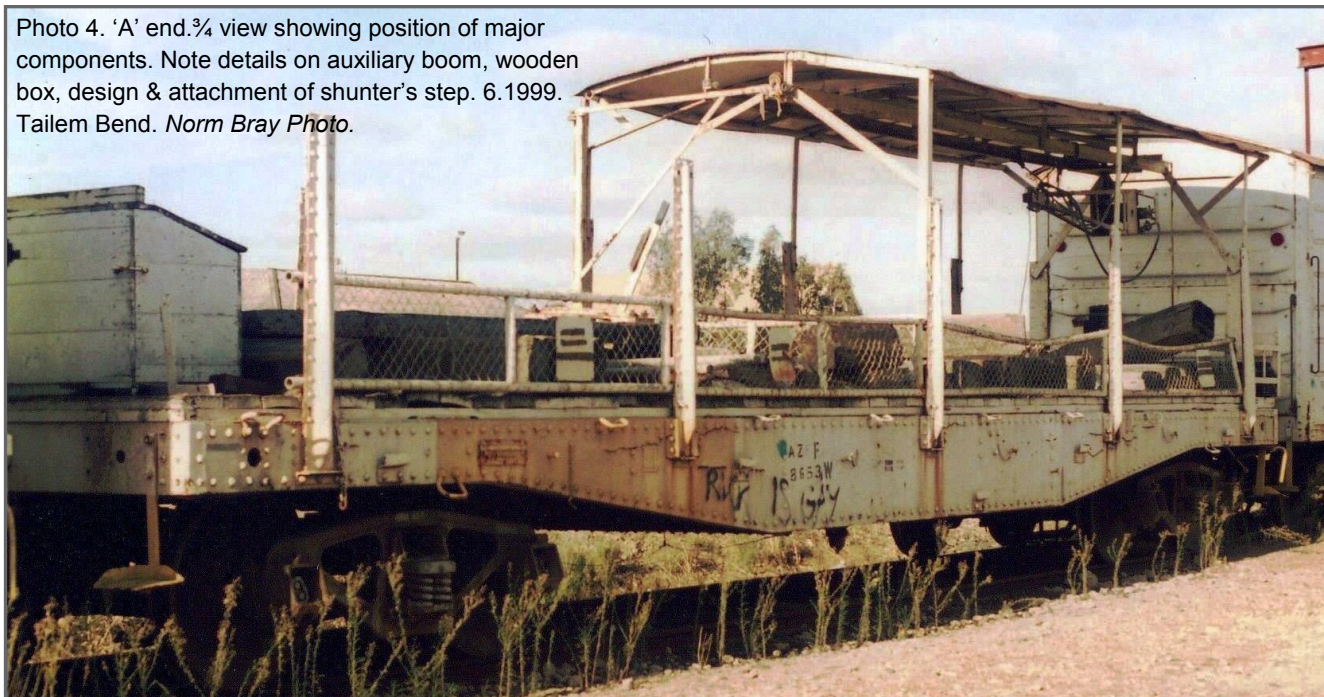


Photo 3. FB8653 – hand-brake side. Note auxiliary boom stored at 'B' end, wooden box at A-end. 09.11.2002. Taillem Bend. *Chris Drymalik photo.*



In Photo 2, there appear to be no modifications for auxiliary lifting equipment or to the 'A' end side barriers. I have been unable to determine when the wagon was modified with this equipment. As a result it is possible that my decision to paint the wagon red-brown may be out of step with modelling it with the auxiliary lifting equipment. In 6 years of SAR (1972 – 1978) or 12 years of AN (1978 – 1990+) the chances are that these are AN modifications.

Photo 4. 'A' end ¾ view showing position of major components. Note details on auxiliary boom, wooden box, design & attachment of shunter's step. 6.1999. Taillem Bend. *Norm Bray Photo.*



In photos taken after 1988, the difference in construction of the stanchion extensions midway along the wagon, compared to the 'B' end is readily seen. This is the result of modifications to the lifting equipment, where brackets are installed for a jib-arm at the mid-wagon end of the roof (it is stored at the 'B' end in recent photos and can be viewed in the transport position in Photo 4). The stanchion extensions and roof members are strengthened for this purpose.



Stanchion bracket detail. Tailern Bend.  
01.01.2017. Author photo.

From the 'A' end, there are two removable side barriers along each side. Photo 5 shows the brackets used to support these barriers. I have been unable to determine if these brackets are part of the original design or are a subsequent modification. I suspect, however, the barriers were removable to provide clearance for operation of the jib.

Details of FB8653 as preserved in 2015 can be found at:

<https://www.flickr.com/photos/60901191@N08/sets/72157651313667006>

Earlier photos can be found at:

<https://www.flickr.com/photos/60901191@N08/albums/72157627292276288>

### 3. Materials and Tools

Item	Quantity	Notes
Strath Hobbies SAR29 Riveted 43 ft wagon kit	1	Or similar. Note two varieties of shunter's steps. Brass and plastic from kit will be useful.
Steam Era 40-ton Cast Steel Square Axle Box bogies	1 pair	Or similar. Square axle box bogies appear in 1972 photo. Also various bogies kit-bashed for W-Irons.
Kadee couplers	1 pair	Or similar. Also old, non-working couplers for load.
Sheet styrene 0.040", 0.020", 0.010"	Small quantities only. See text	Evergreen No 9008 Plain. Assortment
Styrene Rod 0.020" dia 0.030" dia	300mm 900mm for 0.030".	Evergreen No 218 0.020" rod Evergreen No 210 0.030" rod
Styrene Rod HO scale 2 x3 1/8" channel 0.060 x 0.060" angle	450mm (1 length) 300mm (< 1 length) 300mm (< 1 length)	Evergreen No. 8203 (also 0.020" x 0.030") Evergreen No 264 1/8" channel Evergreen No.291 0.060" Angle.
Wire 0.010" or similar	300mm	Steel or soft brass Grab iron, brake rodding.
1.5mm x 1.5mm Balsa	1800mm	
Paint	As required.	See text re colours.
Useful Tools	Notes	
Tweezers	Squeeze-to-release design highly recommended. Other tweezers as required. (Photo 29)	
Magnifier	Visor type preferred.	
Helping hands	Any device that can be used to hold parts in position while glue sets. (See photo 29)	
Wad punch or hollow-nose punch.	Useful for forming small circular parts. 3 – 4mm sizes, See text.	
Motor tool (Dremel, Proxxon)	Sanding, drilling accessories as suit builder	
Each modeller will have their preferred tools		



# February 2018 Club Layout Report

Dean Schluter

As I reported in the January Buffer Stop, the layout has had trains running around by the Tuesday workers. This found electrical and track faults. The power supply with the higher output voltage destroyed four LEDs on the Northern peninsula control panels; it also showed that a signal on the Southern peninsula was not resetting to green due to a loose connection. Also, a magnetic switch that is a glass tube, used to reset signals, was smashed by the ballast tamper machine (that was the track crew's excuse anyway). The most significant problem was that drivers did not know where they were headed due to some control panels not being quite clear on routing. David Jammo is attending to those and I have produced and fitted new decals on the key switch junction panels with clearer destination indication (see picture).



*Key on chain used to select destinations Balmoral, Southend or Sidings is not shown*

Next, the session proved that I needed to create a tutorial to familiarize operators on the geography of the layout. The Committee has approved the purchase of a 90inch screen and it has been installed on the ceiling to the front of the Northern peninsula (REDBANKS). It will also prove useful if we ever hold meetings in the layout room; also, if needed for modelling demonstrations on modelling nights etc.

I am, at the time of writing this report, on page 18 of tutorial notes for operators (including diagrams and pictures), so as soon as it is ready, I will be contacting people on the lists that I posted to organise the different running groups, and for them to nominate their leaders. Unfortunately, some members did not read the note at the top of the list which asked them to put their name in two of their preferred prototype columns, and have put their name in all columns, so they will have to be sorted.

Scenery is still in progress, mainly station yards are now being concentrated on. The Tuesday workers involved in electronics and construction work have now been given scenic areas to work on which they are liking and honing their skills. ■



# Entrants in the "O'Donnell Cup"

for freelance  
and fictional  
models

Page 1 of 3

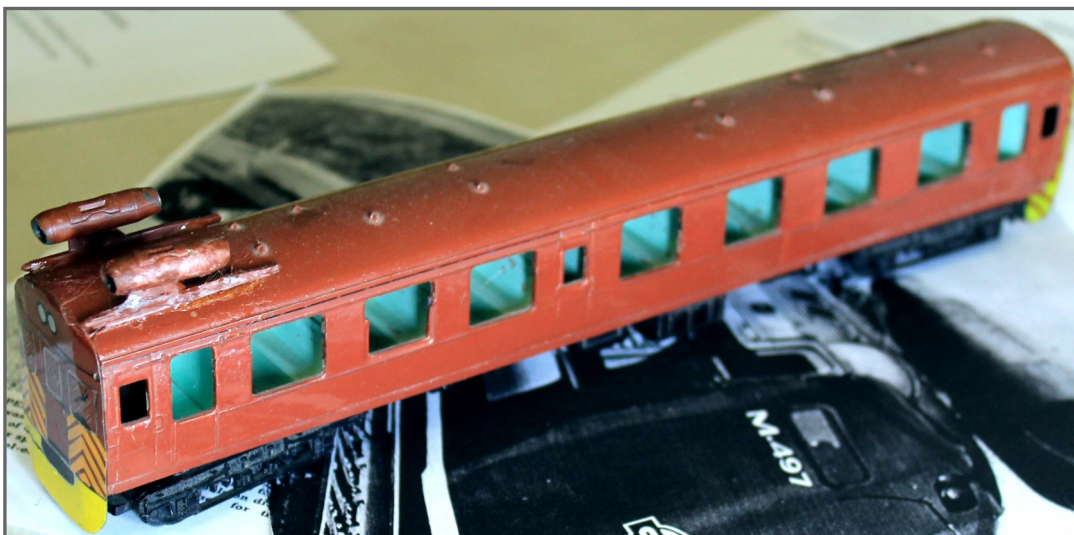


Paul Mackinnon's  
PA1 in camo livery



Above: Dwayne  
Norris' 970 class

Right: John  
McCallum's jet  
powered Red Hen



Below: Matt  
LaVista's BH  
horse box in AN  
livery

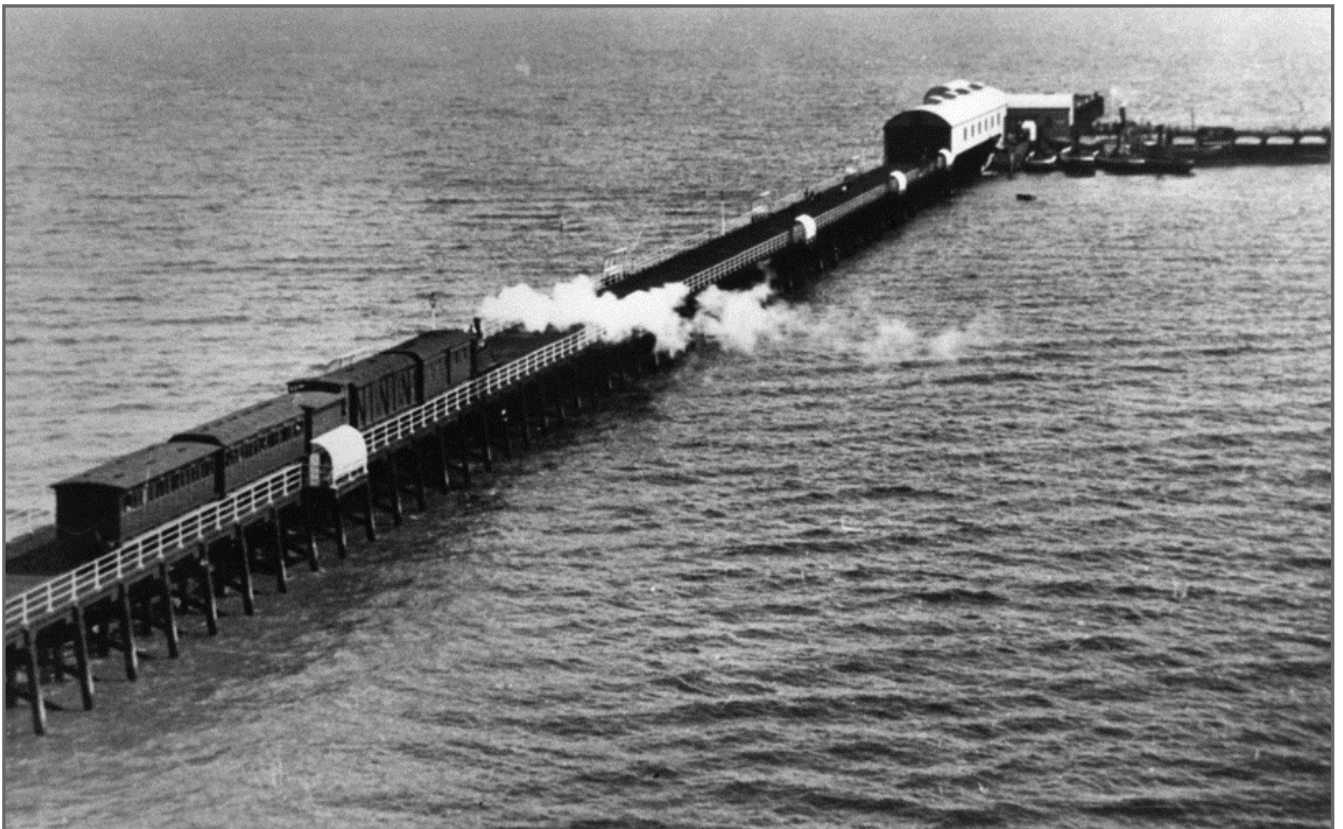




## SAR 0-2-0 plus 4 Wheel Dog Box - Hugh Williams

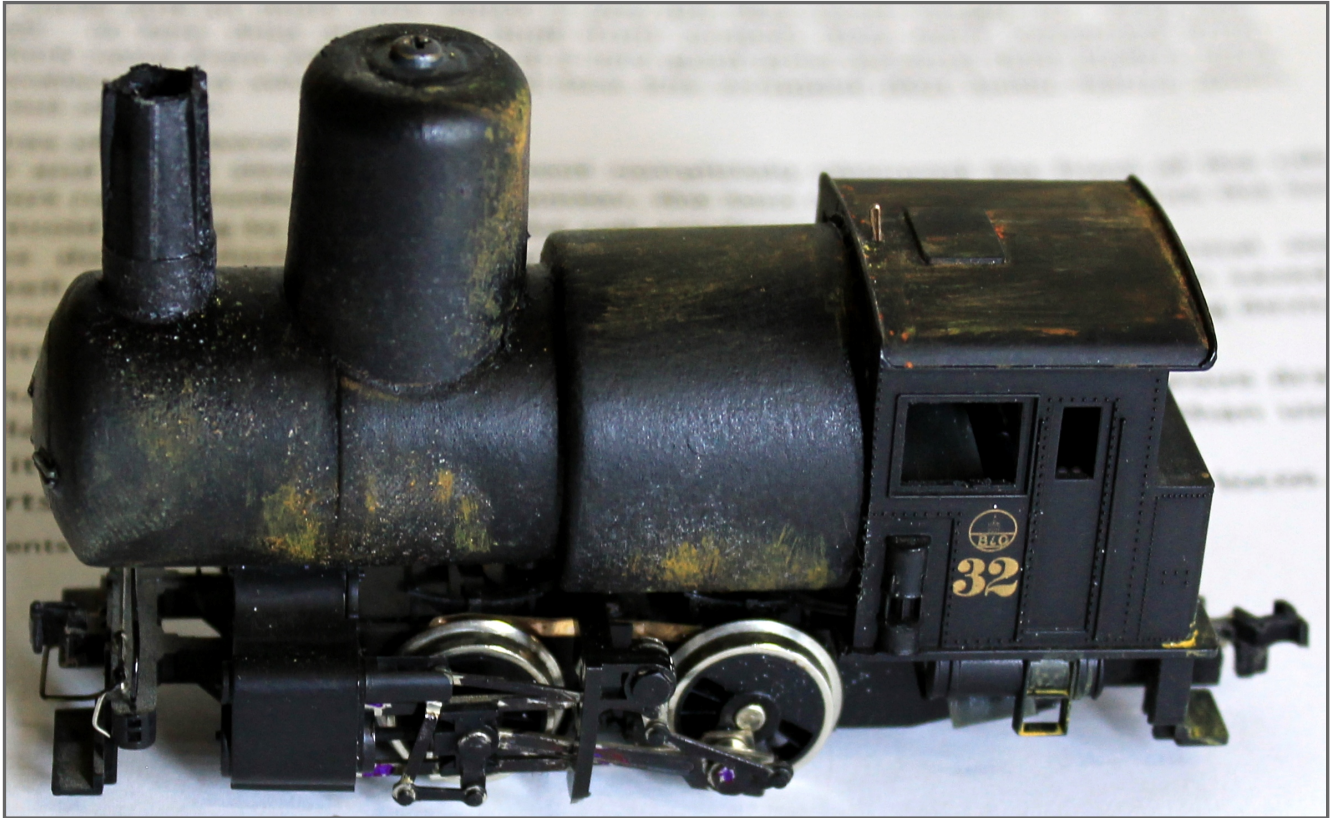


**B**uilt at the Adelaide Workshops, this loco was built to haul passengers out onto the Largs Jetty where they got into a “lighter” to be taken out to the P & O Steamers which left Largs Bay on a weekly basis. The two wheel arrangement was invented to allow the loco to use the very small head-shunt at the seaward end of the jetty. Unfortunately the loco is only recorded as ever having made one trip out to the end of the jetty which is possibly why there are not photos of it in active service. The papers of the day record that the loco suffered from a major problem although they don’t say what, and that the driver and fireman both “went missing”, and again, we don’t know for how long. All we know for certain is that the loco was apparently written off soon after it entered service. The service was subsequently taken over by a G class loco, a photo of the G class on the Largs Jetty with the Mail Van and Post Office Car in tow. ■



Largs Bay Jetty with loco and train circa 1890’s.

## The Sleeve Tank – a piece of fiction - Peter Pickering



A sleeve tank is similar to a saddle tank but the tank is thinner and goes almost completely around the firebox, leaving only a small gap for the grate. The idea is that the heat from the firebox pre-heats the boiler water to improve efficiency. One problem is lack of water capacity, needing to take on water every 40 to 60 minutes. This means that it could only be used within yards unless it took a water tanker along for the ride. The sleeve tank was not manufactured from scratch; it was converted from a saddle tank whose boiler had rusted out, owned by the West Virginia Coal & Coke Railway, which was taken over by the Baltimore & Ohio Railway in 1916.

The main features of the sleeve tank were:

- \* A large boiler and water sleeve which almost completely obscured the front of the cab. When doing runs outside the yard in winter, the loco crews preferred to run the loco bunker-first to avoid having to hang out of the cab windows.
- \* An enormous dome which housed a boiler pressure relief valve which had a system which saved the ejected steam and, therefore, water, as well as the normal steam separator.
- \* A tall funnel made from thin material so that it heated up quickly to improve draft. After the first version collapsed, stiffeners were added (rather than using thicker material) giving it an unusual profile.
- \* The Walschaerts valve gear was simply that which was fitted to the donor loco. ■



Welcome to the first segment of what I hope will be a regular column in the Buffer Stop for 2018. Since the railway modelling gates were unlocked two years ago I have spent much time browsing through the web looking at ideas, how to's and resources to help me learn about this hobby. I would like to share my discoveries with you and hope that they may provide some inspiration for you on your modelling journey.

This month I bring to you a recent discovery whilst I was looking for photos of Mt Pleasant – [www.westonlangford.com](http://www.westonlangford.com). Andrew Godfrey has been maintaining this website of over 38,000 photographs of railways and related images taken by his father in law Weston Langford. The subjects are from across the country and the world ranging from 1956 – 2014.

Weston worked as a pupil and assistant engineer with Victorian Railways, as a site engineer on the WAGR standardisation project and for Canadian Pacific Railway among other jobs in and around Melbourne. It seems he never missed an opportunity to record the sights he encountered on his travels including trips in to South Australia.

The photographs do not simply record metropolitan scenes either as the South Australian images range from Mt Gambier to Pt Augusta and beyond. There are images of the tram network as well as Mile End, Islington and branch lines across the network. There are photos of in use and abandoned networks including rolling stock and railway infrastructure.

Within the pages of the site you can search for specific topics or browse through by subject or date. This is particularly useful if you have specific modelling ideas in mind related to a particular time period or region. The photographs are very good quality, particularly considering their age, with clear detail and well shot subjects.

The best part of this site is that the images have been made available for free use as long as they are attributed to Weston and the website. So happy browsing and I hope you find some inspiration in the pages at [www.westonlangford.com](http://www.westonlangford.com)

Images used in this article were taken by Weston Langford and are licensed for use under the [Creative Commons Attribution – No Derivatives 4.0 International License](https://creativecommons.org/licenses/by-nd/4.0/) [www.westonlangford.com](http://www.westonlangford.com). ■

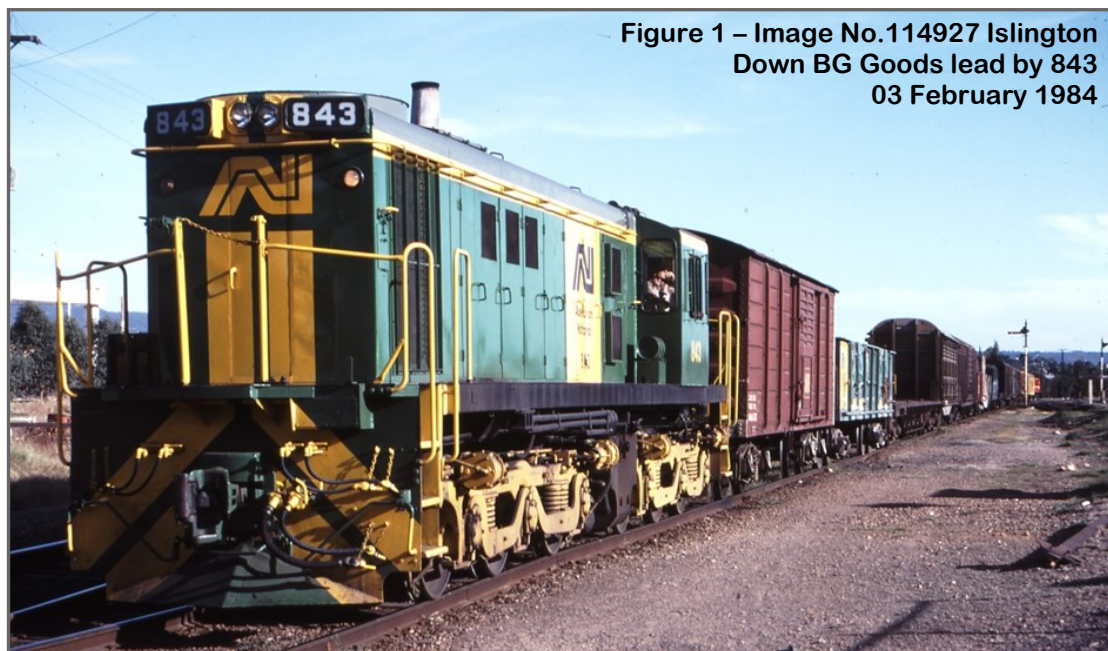


Figure 1 – Image No.114927 Islington  
Down BG Goods lead by 843  
03 February 1984



Figure 2 - Image No. 105656 Murray Bridge Down Light Engine 700  
28 February 1965



Figure 3  
Image No. 109096  
Glenelg Mosely Square  
Up H 360  
01 Dec 1967



Figure 4 - Image no, 101837 Peterborough Locomotive Depot 409 -  
14 August 1962

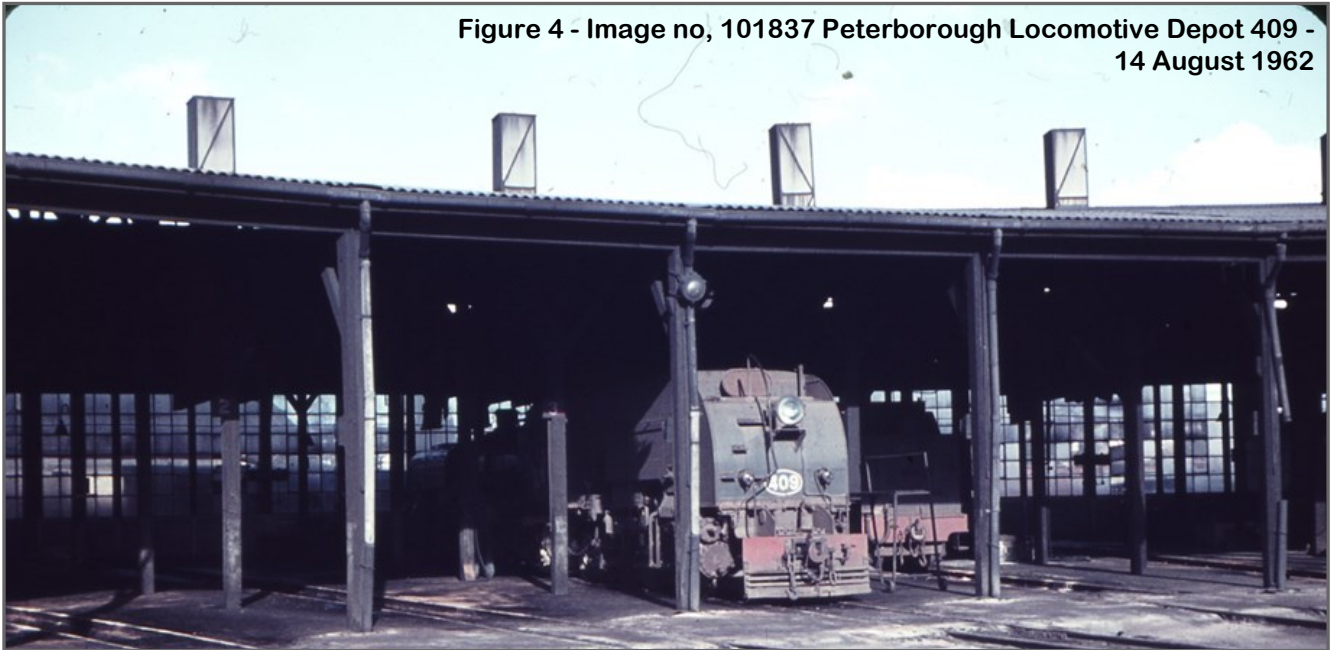


Figure 5 - Tintinara Up Passenger From Mt  
Gambier 901



Figure 6 - Image no. 136627 Belaire Signal Box and  
Building on Standard Gauge Side - 07 April 2010



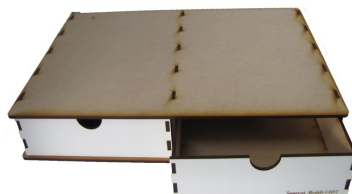




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## SARMA SALES



See Don Worby

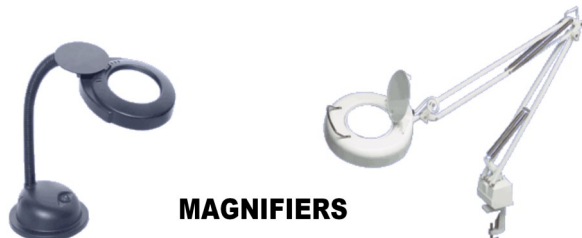
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## LIBRARY REPORT

### *Recent Additions to the Library*

DVD Trains Around Adelaide - Sept to December 2017 including double stacks, grain, ore trains – The Ghan, Indian Pacific and Overland.

Model Railroader: January 2018

AMRA Journal: Nov – Dec 2017

Australian Railway History: January 2018

Toowoomba Model Railway Club Train Talk: Nov2017

*Books new to the Club (see page 3):*

The Richmond Vale Railway by R G Preston - associated with the New South Wales Rail Transport Museum outlining the history of coal industry around Newcastle NSW in the days of steam. Numerous black & white with some colour photos.

Steam in the Sixties by D McLean - associated with the New South Wales Rail Transport Museum. Pictorial of steam in New South Wales in the 1960's

Iron Roads in the Outback – The Legendary Commonwealth Railways by Nick Anchen - History of the Central Australia Railway, North Australia Railway, Trans-Australian Railway as well as Pichi Richi Railway. Well researched book with magnificent photographs - a great read for all.

### **CHARGES**

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

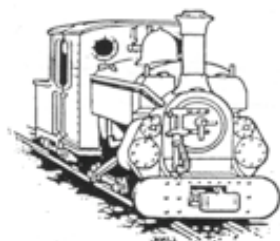
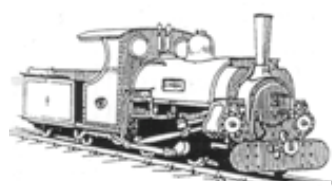
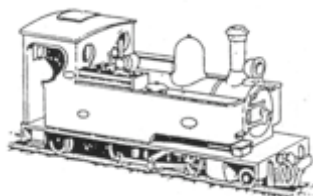
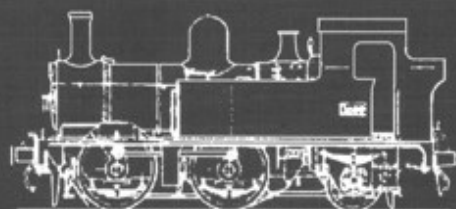
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## Specials for February 2018

We are now stocking SDS products:

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Bachmann Thomas Set	\$225.00
Bachmann Ringling Bros/Barnum & Bailey HO set	\$220.00
Bachmann Durango HO Train set	\$295.00
AMRM CDs Vol. 12, 13,14,15,16, 17	\$22.00
New Junction Models Controller (DC 2A)	\$80.00
New Walthers stock cars, hoppers, tank cars & reefers	
Hornby Flying Scotsman Set	\$310.00
Several New Hornby Locos & Wagons in stock	
Noch Scenery Products	
Golden Valley Hobbies Barclay Industrial 0-6-0T	\$125.00

DJ Models J94 Tank Loco – LNER or BR livery	\$135.00
Oxford Rail Janus diesel loco	\$170.00
Walthers Trainline HO scale locos, some DC some DCC	from \$99.50
Powerline Vline H class .....	\$265.00
Powerline 48 class	\$280.00
Mallard Pullman set	\$330.00
Gloucester City Pullman set .....	\$330.00
Lenz DCC SET010	\$430.00
Lenz DCC SET100	\$599.00
HO Brill horsebox trailer kit .....	\$140.00
HO SAR 500/600/700 coach kits	\$170.00
San Mateo Line signals kits and ready-to-place	
SAR Model Co 800, 850 & 860 car kits and Redhens – in stock	
Frateschi Coaches, Wagons & Building kits	
GSI aqueous paints, 96 standard colours (\$3.95) plus 4 fluoros and 8 metallic	

Cheers from Brian & Vic

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

February 2018

The Buffer Stop

21



# Strathburn visits Corio

Kelvin Brinkley

## Day 1

On a balmy Friday, 26<sup>th</sup> January 2018, 9 members celebrated Australia Day at 5.30 a.m. by meeting at the clubrooms before sunrise to start the epic journey to Corio, Geelong VICTORIA. The journey out of Adelaide was uneventful other than picking up two hitch hikers (Terry Jomartz & Bob Fleet) on The Parade and a further 2 hitch hikers further up the hill (Hugh Williams & John Gordon). A very nice sunrise occurred as we passed Mt Barker, with a first stop (breakfast) at Tailem Bend. The next stop was Tintinara for fuel where the first and only train for the day (NR48 & NR107 Pacific National intermodal) passed us heading west towards Adelaide. A final stop at Ararat then on to Geelong. On arrival, a quick stop at the caravan park for the keys to the 4 cabins then onto the South Barwon Civic Centre. Once at the centre, a quick greeting was made with host members. We ascertained where the exhibition layout was to be set up and everything was up and running in just over an hour. Corio Club were certainly pleased to see the layout as three other layouts had cancelled at the last moment due to the expected forthcoming heat. Tea was then obtained at a nearby large shopping centre where a number of food outlets were found. The only issue was what to have? Japanese, Burgers, Fish & Chips, International menu? On having our fill, it was on to the caravan park.

## Day 2

Onto the bus at 8.30 a.m. then to the civic centre to iron out the gremlins with the layout prior to opening for the general public at 10.00 a.m. Len decided to join the 13 members present for days 2 and 3. On the doors opening, a

Sunrise Australia Day



On the bus



Victorian Railways Lego





large crowd made their way in, probably trying to beat the heat early, especially with the young kids. There were 13 layouts of various gauges, from N gauge through to G Gauge. Town and County subsequently took out the top prize for best layout; this layout will be at Greyhound Park in June. The main N gauge layouts present were Escarpment, Mosquito Hill and Corio. HO/OO gauge layouts were represented by Moe, Town & Country, Strathburn, Road & Rail Hobbies, Somewhere Creek & Hollow Glen. The G gauge was represented by Airport West with children being able to control their own train. There were also 13 trade stands – a few good bargains for those who had the money. A small number of minor issues were sorted on Strathburn during the day, mainly due to dirty wheels. After the close at 5.00 p.m., at the invite of the Corio Model Railway Club, we attended the Waurin Ponds Hotel for tea with about 60 being present. After most present had finished their meal, the Corio Model Railway Club conducted a Swindle Raffle; swindle by name, swindle by nature. A total of 80 prizes with prizes varying from empty boxes, used models in pieces, small packets of potato chips with a stubbie of beer, with Bob Houston taking out a very nice book on Bulldog locomotives in Australia, courtesy of Train World. Tickets were a \$1 each with one lucky Corio member taking out 13 prizes, 3 of them in a row. Even the MC of the night took out 3 prizes but there was nothing suspect about it (NOT). After John McCallum's second prize of the night, comments were heard like 'You are not taking that back on the bus' and .....(deleted by censor). The final raffle of the night was \$10 tickets for a Victorian Sprinter. The winning ticket wasn't shown to anyone and one comment was heard 'I told you, you would win it.' A rather unfortunate way to finish the day.

### Day 3

On the bus again at 9.00 a.m. after hooking up the trailer (nice driving Bob), then onto the Civic Centre, with the doors again opening at 10.00 a.m. Quite a reasonable crowd again with a lot of young children being present. A highlight for the children was a coloured brochure which they carried and as they looked at



The days of steam are not dead



Corio



## Overview



the various layouts, they received various coloured stamps, something possibly for the upcoming exhibition at Greyhound Park. The crowd numbers dropped off after lunch probably due to the heat and humidity, with temperatures reaching 39 degrees. The outer line of Strathburn was a highlight at lunch time with all 4 trains being pulled by steam, quite a sight - Who said Steam was dead. The doors closed at 4.00 p.m. and 45 minutes later the trailer was packed and ready to go. A lovely tea was consumed at the nearby Belmont Hotel before returning to the Caravan Park. Thankfully the air conditioners seemed to work as the temperature was still 32 degrees at midnight.



## Day 4

On the bus at 7.00 a.m., travelled via Ballarat to Beaufort where we had breakfast. Refuelled at Horsham. West of Kaniva, SCT PM6 (LDP002, LDP 001 SCT006) was observed east bound. Lunch was held at Bordertown where, whilst everyone was enjoying their meal, a Pacific National





intermodal (NR1, NR42, AN8) east bound was observed. A final fuel stop at Tailem Bend was made in quite heavy rain, before a very wet descent of the Adelaide Hills. The hitch hikers picked up on day 1 were suitably returned to their original boarding points with the bus pulling up at the club rooms shortly after 5.30 p.m.

Thank you must go to both Bob Houston and John Gordon for the manner they safely drove the bus towing the trailer, especially on the return journey in very trying conditions with both rain and strong side winds present. **T H A N K   Y O U   GENTLEMEN – WELL DONE.** To all members present on the trip, a great trip – fun had by all from the new members present through to the life members – the club is in good hands. I look forward to the next journey, wherever it may be. ■



Escarpment



Cutting costs by double stacking



Giant Koala



Competition entries



# A few from the editor's camera



GOG display



?? display



Town & Country



## For Sale

Deer Creek model railroad, American circa 1895, 1.2 x 2.4 metres, on casters. HO scale, code 70 track, DCC control, 2 locos, rolling stock, 28 structures, full scenics, just completed, forced sale owing to ill health, all offers considered. Phone 04 3024 2830 for inspection. Ron Hume- Payneham South

*More pics and details on following 2 pages.*







# Layout for sale - expanded details

## Track

The just completed HO scale DCC controlled layout has 17.7 meters of Micro Engineering code 70 weathered track with 62 rail joiners, 8 of which are isolation joiners. There is a main and a branch line, a rail yard and one spur line. Included are nine motor controlled number 6 turnouts, five right and four left. The layout is on a sturdy 2.4 X 1.2 metre bench on casters with a ply and foam track base.

## Structures (American imports)

As at 1<sup>st</sup> January 2018 the following 28 structures exist:

Flour mill, mill whistle stop, foot bridge, boarding house, mercantile shop, Church, green house, brown house, gold mine, winch house, railroad station, freight depot, water tower, scarlet saloon, sawmill, brewery, sheriff's office/jail, hardware store, café, 3 mine huts, hat Co, school, bakery, barbershop, corner saloon, grocery.

## Rolling Stock (as new)

Two American 4-4-0 sound equipped DCC wood burning steam locomotives, two caboose railcars, four combination passenger cars, one stock car, one flat-top water car, four ore trucks. All used only for testing the track and turnouts.

## Control

Digitrax Zephyr Xtra DCC control system mounted on a panel together with nine turnout control toggles and one program track toggle incorporating red/green LED indicator lights. The turnout toggles control the turnout motors under the bench which in turn reverse rail power polarity to prevent short circuits.

## Lighting

There are two separate light circuits, one is computer chip controlled for random lighting in some structures, the other is a constant circuit for street lights and other structures.

## Scenery

The Deer Creek Railroad is complete with scenery typical of the era just after the American Civil War; a creek to drive the water wheel at the flour mill, a cliff, hills, trees, shrubs, grass, rocks, weeds etc., and many figures of townspeople and horses. There are two Union cavalry soldiers about to ship their mounts onto the stock car in the rail yard. Some of the structures have interior features. The winch house roof may be removed to reveal a winch and driver, a blower, a tool bench...

## Tools and equipment

An extensive tool kit for modelling and general use is available if required. Also a generous amount of scenic material, adhesives, flock, poly fiber, static grass, sand, paints, brushes, chinks, isopropyl alcohol, metal blackening agents, wood stock, wire etc. A handy 36 drawer mini cabinet for odds and ends...

## Reason for selling

Failing health prompts me to prepare for a move from my present home.  
All reasonable offers will be carefully considered. Photos available.



# *Noel's Pottering - Out & about in the Northern Hemisphere*



Disneyland



Hiroshima local



Diesel powered short distance Hiroshima commuter



Diesel GP Nagoya

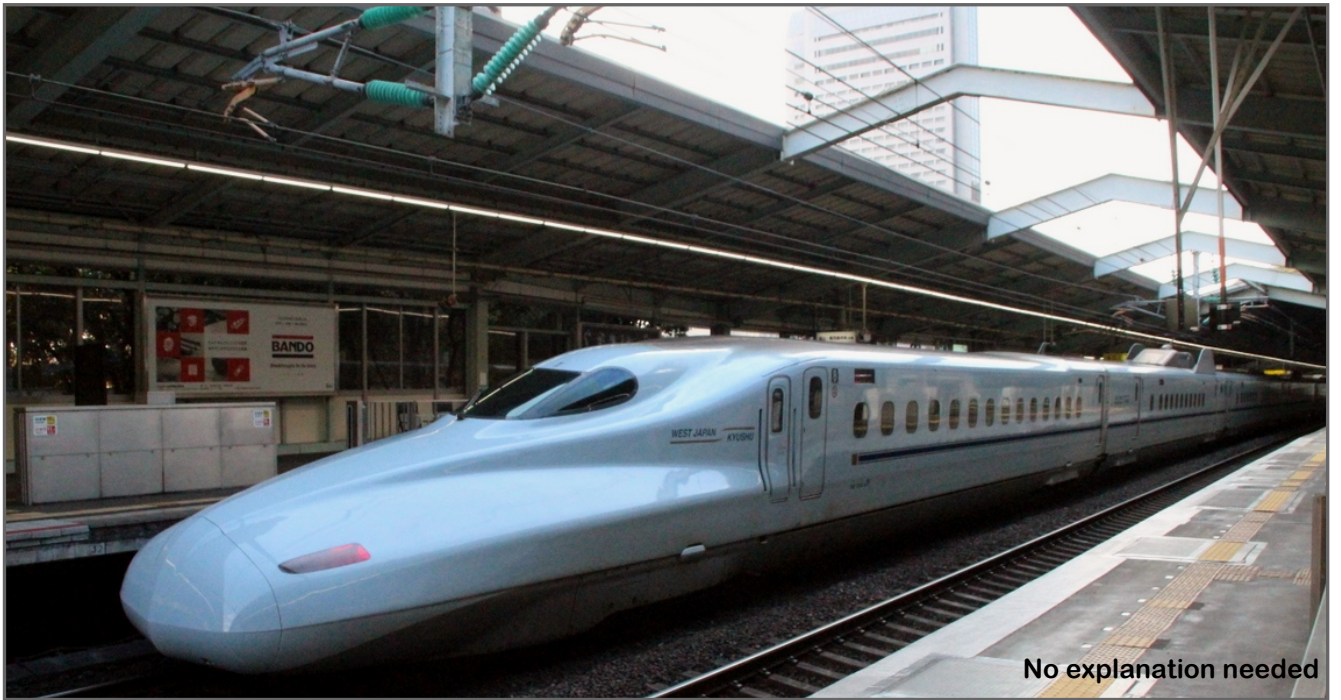


Our train



Hiroshima local





No explanation needed



Osaka



Osaka

February 2018

The Buffer Stop

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February 2018

The Buffer Stop

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# Tea Tree Gully Library Display

Ed.

Early in January, SARMA took up the offer to display 'Strathburn' in the Tea Tree Gully library. It was well received by the many library visitors, particularly the many children who turned up over the four days that it was running. It also received an encouraging response from the library and other council staff.

The photos below were supplied by Graham Nixon who took them on 11 January. They shows SARMA's 840 hauling the club's centenary cars over Len's magnificent bridge modelled on the one near Cambrai.

