

SOUTH AUSTRALIAN RAILWAY MODELLERS' ASSOCIATION INC.

PROMOTING THE HOBBY IN SOUTH AUSTRALIA  
SINCE 1957



*Don Worby's Garratt basks in the morning sunshine at Stawell*

INSIDE

Basic Weathering

Clubroom Layout Report

More photos from the  
Stawell Model Railway Show

Loco & Rolling Stock Sale

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### Diary

<b>Wed 13 Sep</b>	<b>General Meeting &amp; remainder of Tony Sitters' Video</b>
<b>Sun 17 Sep</b>	<b>SARMA Swapmeet, Windsor Gdns</b>
Wed 20 Sep	Work night
Wed 27 Sep	Work night
Wed 4 Oct	Work night
<b>Wed 11 Oct</b>	<b>General Meeting</b>
Wed 18 Oct	Work night
Wed 25 Oct	Work night
Wed 1 Nov	Work night
<b>Wed 8 Nov</b>	<b>General Meeting/AGM/Master Modellers/Imaginary Model</b>
<b>Date Under Review</b>	<b>Christmas Dinner</b>
<b>Wed 13 Dec</b>	<b>Mystery Trip &amp; Swindle</b>



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

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

September 9,10 Broadmeadow (NSW)  
& McLaren Vale Uniting Church

September 16,17 Adelaide (Hope Valley)  
NMRA Convention

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

Sept 30, Oct 1 Liverpool (NSW)

October 21,22 Shepparton & Sunbury (Vic)

October 28,29 Gold Coast (Qld)

November 4,5 Wagga (NSW)

**November GM- 'Imaginary Model'**

**November 25,26 Milang Exhibition**

### PROCEDURE FOR SALE OF MODELS

SARMA has purchased a significant number of Australian/American/British HO/OO engines and rolling stock and will be offering them for sale to members before presenting the models for sale at a swapmeet.

A concise list of the models is included with this issue of Buffer Stop (p29-36), and a fully illustrated list will be available by email from the secretary at '[secretary@sarma.asn.au](mailto:secretary@sarma.asn.au)'

Your committee have decided that, to provide as level a playing field as possible, and to provide purchasing opportunities to all SARMA members (including those who are unable to attend General Meetings), the following shall apply.

At the GM on 11<sup>th</sup> October, a ballot shall be held between all those members present plus any absent members who nominate to buy any specified item. Each item will be available at a price which is the only price that the item will be sold for. The bidder if present, must have the cash available to complete the purchase at the time or the item will be offered to the other bidders or returned to stock.

As each item is offered, those interested will be asked to stand, whereupon each will be allocated a number. If a member has difficulty standing, he or she may raise their hand instead. It is the responsibility of that person to ensure that they are recognised as a bidder. Absent members will have a number

allocated for items they wish to buy.

A ballot will then be held using numbered balls or similar; the successful bidder will be that member whose allocated number matches the number drawn.

Should a large number of members bid for any item, an alternative equitable method of elimination shall be used.

Should only one member bid for an item, that member shall immediately proceed to collect and pay for that item.

Should there be no bids for an item, that item shall be reserved for sale at the next SARMA swapmeet. Should that item not be sold at the swapmeet, the committee shall decide whether to hold the item for following swapmeets or to accept a lower price.

**Absent members**

A successful absent bidder must pay for the items in full and arrange to pick up within one month of the ballot otherwise all that member's bids shall be null and void, and all items shall be returned to stock. Absent bidders of multiple items may place a ceiling on the dollar amount that they are willing to bid so that they will not be embarrassed by multiple successful bids.

Absent members can notify their intention to buy items by contacting Bob Fleet, (phone No. 0407518259) by the cut-off date of 3<sup>rd</sup> October. Please include contact details for notification should you be successful. If you are successful, arrangements to pay for and collect items can be made by contacting Bob Fleet. ■

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

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

**Membership rates 2016 – 2017**

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

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

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

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

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

SARMA Telephone InfoLine: (08) 8411 5500

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

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

**“Buffer Stop” Contributions**

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

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

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

**The deadline for the October issue is FRIDAY 22 SEPTEMBER**

**Committee Members 2016 – 2017**

<b>President:</b> Fred Leaper Phone: 8263 1107 email: fleaper01@gmail.com	<b>Layout Director:</b> Dean Schluter Phone: 8336 1802 email: dean.schluter@bigpond.com
<b>Vice President (Special Projects):</b> Hugh Williams Phone: 0422 817 054 email: hswilliams32@gmail.com	<b>Exhibition Layout Director:</b> Bob Houston Phone: 0428 816 812 email: bobhouston5@bigpond.com
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<b>Librarian &amp; AMRE Representative:</b> Allan Norris Phone: 0401 239 942 email: addnor@optusnet.com.au	<b>Kelvin Brinkley</b> Phone: <b>0408 854 020</b> email: <b>kbb@picknowl.com.au</b>

**Other positions held by SARMA members:**

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

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

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

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

# Editorial & Miscellanea

*welcome to the September Buffer Stop*

From time to time, as I should, I stop to think about what the Buffer Stop should be trying to achieve. Ideally, I guess it should be entertaining and informative; anything which doesn't fall into one or other of these two categories, maybe shouldn't be there. Of course, members will have a differing opinion as to what is entertaining and what is informative. I would hope that most members would have a degree of interest in most railway and model railway topics. However, I expect that the editor would attempt to include more of the material in which his/her readers has a greater interest. Of course, if the bulk of the membership has a particular interest, then you would expect that the material supplied to the editor would be in a related topic.

Nowadays, with a large percentage of the community having access to the world-wide-web, most individuals can easily have many of their questions answered by this source of knowledge and information. However, the very specialized information which a railway modeller seeks is very often difficult or even impossible to find, or it might be very hard to phrase the appropriate question. It is then much easier to speak to an expert face-to-face; that is where the benefits of being in a club or attending conventions, etc become apparent.

Getting back to the Buffer Stop, the snippets of information and techniques can

only be included if there is a contributor. Wouldn't it be nice if we had an editor who had the experience and knowledge to provide this material each month. Unfortunately, until we replace the present incumbent by a knowledgeable member, we will have to rely on this material being supplied by others.

Last month, we had several pages of photos from Stawell. Little did I know that David van der Linden had a stash that he had kept quiet about. When he provided the photo which adorns the cover of this issue, he advised me that he had others which might be suitable for print. When I opened OneDrive, there were 117, around one hundred more than I was expecting. Many of these are close-up and will, I'm sure, provide modelling inspiration, so they should satisfy both of the Buffer Stop criteria.

I did a bit of weathering of club rolling stock in the clubrooms a few weeks back. using only powdered pastels. This seemed to create a bit of interest so I thought I might resurrect the article that I wrote in 2009/10 and which appeared in 'Modelling the Railways of Australia.' Although I've used other methods (particularly air-brushing), I particularly like using powders because it is effective, forgiving and requires little or no set-up and clean-up activity. Whether or not you follow up with a sealer is up to you. See page 12.

*PeterP*

**Front Cover: Photo David van der Linden**

**Lighting is often a problem when photographing models in situ.  
David has made use of a moment of natural sunshine at  
Stawell for this shot of Don's Garratt on Strathburn.**

## EDITED MINUTES OF THE GENERAL MEETING HELD AT DERNANCOURT ON 9th AUGUST 2017

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

Members present: 38

Apologies: 9

Visitors: Dennis Collins and Andrew Emmett

**Minutes** of previous meeting: Moved by Trevor Carter and seconded by Tony Sitters; Carried.

Outstanding Actions and Business arising: Richard Ash declined to act as returning officer. The task was passed to John McCallum with Tony Sitters as scrutineer.

### **Correspondence in:**

AMRA Journal for July/August 2017

**Correspondence out:** Nil

**Business from corres:** Nil

**Finance:** Financial statements presented .  
Accept financial report: Moved by Gordon Chaplin and seconded by Bob Houston; Carried

### **Reports:**

**Exhibition Layout** – Brakes are being overhauled on the trailer after noticing the fluid reservoir was empty. Various invitations to attend exhibitions have come following the trip to Stawell. Bob asked for more members to think about committing to an exhibition trip or two.

**Club Layout** – Dean thanked the members who have been wiring the layout and Len Redway for spending the last three weeks in Adelaide to work on scenery. Fred Leaper commented that there were 14 people at work on the layout the other day.

**Social** – Matt reported that there will be another working bee at Tailem Bend next Sunday. He also talked about the three conventions coming up in September and the Royal Show and our next Swapmeet.

He mentioned the Freelance and Fictional competition and the two anniversary raffles.

Fred Leaper asked that more members put their names on the roster for the Royal Show as there were too many empty slots.

**BufferStop** – Peter had nothing to say about Buffer Stop, but went on to talk about the large amount of locos and rolling stock which will be available to purchase.

**Trevor Carter** won this month's "Where Is It" competition. It was Eudunda

**Library** – No work has been done on the library as they have been working on cataloguing the items for sale.

**Maintenance** – Nil

**Bulk buys** – Nil

**Special Events** –

*Swapmeet:* Terry Meads reported that there were 12 tables paid for so far but he was expecting a lot more once he attended the Norwood Swapmeet. He reminded members to have commission forms filled out.

**AMRE** – The AGM will be held in September. Nominations have been called for.

**General Business:**

**Nomination forms** for committee positions were made available to members present and are due back in at the September meeting

**People's Choice Lottery** tickets are required to be handed back in with the monies collected, by the 6<sup>th</sup> September.

**Eddie Vardon** has entry tickets for members rostered on the show layout.

**Peter Carter** asked if the club intended to purchase the new ready to run F class from Orient Express when it becomes available. John Gordon moved and Graham Nixon seconded, that the club should buy one at that time. Carried

**John Hansford** informed the meeting that the funeral for Bev Bevan will be on Friday, 11<sup>th</sup> August at 10am.

**Dean Schluter** informed the meeting that Karl Eichinger was in hospital with a fractured hip after a fall in his back yard.

**Show & tell:**

**Peter Pickering** – Books relating to his presentation.

**Trevor Carter** – Gondola kits from BGB loaded with logs. An M van with the Metters livery, built by Peter Carter which now completes Trevor's set of billboard M vans.

**Chris Whibley** – A Walthers Sub-Station kit for his small home layout. Chris added extra details including wires and weathering. He covered the plastic base with scenic material.

**Graham Nixon** – A Victorian AE car from Auscision. Fitted with Spirit of Progress bogies as when they were converted to standard gauge.

**John McCallum** – A model of a mag-lev train his wife bought him a while ago. He also spoke about his involvement at his local school with a competition to design and build a model of a rail safety device. A student there was short listed to represent SA in the National competition.

**John Gordon** – Scratch built SAR sanding tower in brass, based on plans he got hold of. Just needs an Ezy-Built shed for it.

**Monthly Raffle:**

Grey, G55, Chris Mutton, Point motor  
Grey, C72, Steve Curtis, Voucher – Junction Models  
Grey, C66, Colin Barnes, Voucher – Aztronics

Grey, C74, Steve Curtis, Aussie Card Models kit  
Grey, G89, Peter Carter, Grass scenic material  
Grey, C54, Colin Barnes, Peco water tower kit  
Grey, C09, Michael James, Ballast  
Grey, G28, Allan Smith, Point motor

**\$2.00 Raffle**

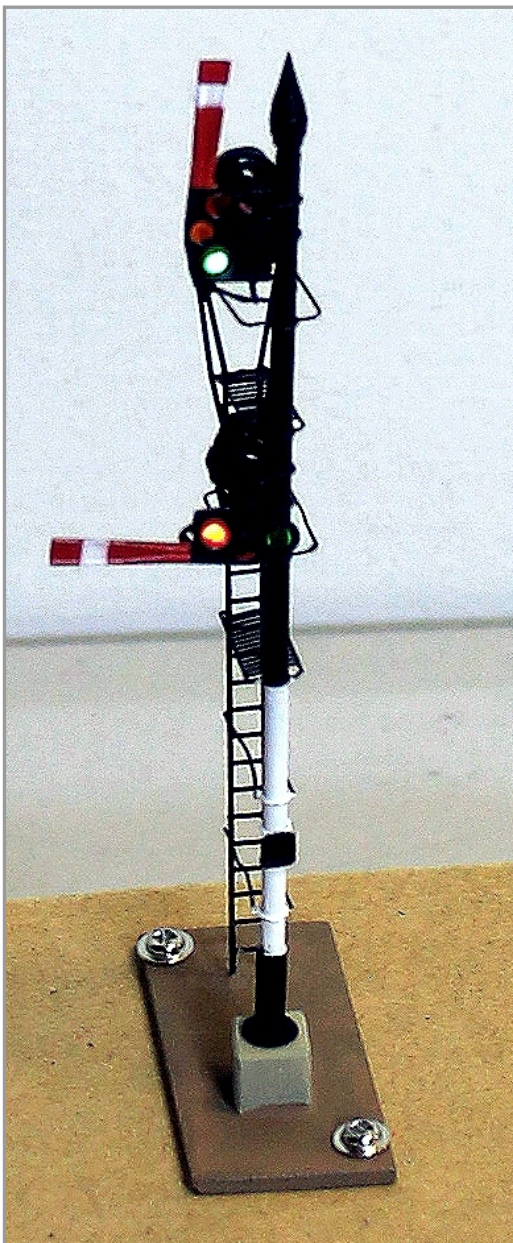
52113, Allan Smith, Victorian NQR wagons  
52143, Michael James, SAR OB wagons

**\$5.00 Raffle**

52162, Steve Curtis, Boxed Train Set  
52158, Michael James, Auscision AN class loco

**After meeting activities:** Peter Pickering provided a picture show of his recent trip to the UK, visiting railways, museums and model layouts.

**Meeting closed** at 10:30pm



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## 50 Years Ago: September 1967

PP

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

**Cover:** Sketch of unknown diesel loco.

**Railways of Australia:** Some facts and figures for 1966.

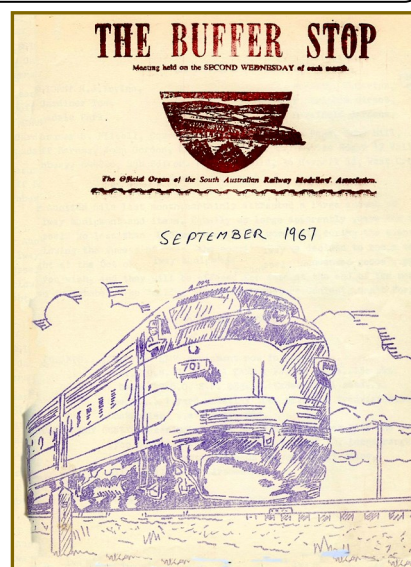
**New British Rail Lounge Car:** Article describes format and features for first class passengers.

**Japanese National Railways:** Describes high speed trains and high speed ticketing system - P.Mc.

**British Loco to Expo 67 (Montreal):** A Schools class and an M7 class loco plus a GWR carriage are travelling to Vermont for preservation, pausing at Expo 67 on route - A.C.

**Phil Curnow** noted numerous items of interest during a tour of the North in June.

**Sir Stanley Raymond** begins his third year as chairman of British Rail - some notes on his achievements.



## 40 Years Ago: September 1977

TS

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

### Programme:

Wednesday, 14.9.1977 – General Meeting Night – Auction and Model Competition - Display Models – Billboard Cars.

Friday, 16.9.1977 – Model Construction Night.

Sunday, 18.9.1977 – Working Bee.

Wednesday, 21.9.1977 – Layout Construction Night.

Sunday, 25.9.1977 – Working Bee.

Wednesday, 12.10.1977 – General Meeting Night – Display Models – Passenger Cars.

### Extract from Committee Notes:

The Committee Members were informed that due to a relatively large number of Members who did not renew their membership and did not pay the 'dreaded' levy, our income is far below the Budget figure.

David Jameson gave a report on the Club Layout.

### Club Visits:

Editor Geoff Pearson provided a report on the Clubs visits to Train Control, Adelaide Yard Cabin, Mile End Diesel Depot and the Adelaide Rail Car Depot.

### Extract from Ausrail News – August 1977:

A report was published on the amalgamation of the non-metropolitan S.A. Railways with A.N.R.



### 30 Years Ago: September 1987

PP

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

**Cover:** Restored 621 heading a train of Centenary cars between Heathfield and Mt Lofty on 1971/

**Centenary Cars :** Numerous drawings of variations including the Permanent Way Camp Train Ablutions car.

**More on the Lizard, Goanna and Bandicoot Railway (LGB):** Making an 0-4-0.

**Creating the Landscape:** More on landforms.

### 20 Years Ago: September 1997

PM

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

**Front Cover:** 958 at Adelaide Railway Station in 1977 by Bill Button

**Layout Report:** Scenery is slowly progressing and looking better each week. All of the control panels have been built now, with most painted and ready for hinges to be installed.

Wiring is still progressing on Grosvenor and Peelinna, and a start has again been made on Burra after a long break,

**Article:** The Gangers Shed: Building a gangers shed from a block of timber, North-East Timber and BGB corrugated card by ????

**Article:** The Teepookana Story by Whib

**Article:** SAR OAX Construction by Paul Brooks

**BufferStop** Index Vol.7

### 10 Years Ago: September 2007

DVL

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

**Front cover** has a photo of the scratch built signal cabin on Golden Plains

**Diary** said layout preparation for Mildura

**Stawell holiday** with two of the Barnes Boys

**Constant Brightness** LED lighting for DC locos

**Roger Wheeler's** "Modelling Aids I Can't Do Without" part 2

**Pre-Meeting dinner** at Athelstone Football Club





Early model buckboard in its prime – limited forward visibility though

Hi fellas;  
who's for dinner?



Hey, I saw yer chipping



Nice weathering, but I'd like to see a bit more dirt colour

Nice new truck – betcha it hasn't had any stone dropped into it yet



Nice titfa, Dobbin

Ma and Pa Kettle



Is this the foreman or the local layabout?

Back streets of Paris





Kelvin, Peter and Bob checking out the 32 wheeler, but Don's concentrating on the load!



How does the bus get out of there, James?



Sack the sign-writer for dropping an aitch

This 930 has received some brushwork plus several passes of Polly S "Dirt" from a basic airbrush – compare the effect with a pristine model



It is generally agreed that the main reason for weathering locos, rolling stock, structures and even general scenery is to simulate real-life conditions; that is, to make your layout and everything on it as life-like as possible. It can also give a level of individuality to mass-produced items. An up-side of weathering is that, carried out well, it can assist in highlighting fine detail; carried out badly it can have the opposite effect and hide some of that detail. Whether or not you apply weathering is an individual choice. Broadly speaking, there are three types of modeller in this regard: (1) the weathered model advocate looking for realism, (2) the pristine model advocate who prefers mint condition models, and (3) the modeller who would like to weather but simply isn't game. Some ready-to-run model suppliers have recognised the last category and are supplying some rolling stock in a weathered state. There are also companies and individuals who will weather your equipment to order, however weathering isn't too difficult but is labour intensive so that the savings by doing it yourself are significant.

If you don't feel comfortable dirtying up

your expensive locos, then don't. Maybe in a year or two when you've seen some good examples of weathering, your locos will be a bit older and you will have had a bit of practice, so you might change your mind. Start very light. Passenger rolling stock was often kept fairly clean so that, other than a light touch-up of grime and dirt on the underframe maybe, they can be left as is. The locos that hauled them also tended to be cleaner than their freight counterparts, although that doesn't seem to be as true nowadays. Freight stock, however, was rarely kept clean so this is where you can really go to town. Dust, dirt and, perhaps, some rust on the underframe, handles and hinges, etc are a start. You can add some random patches on the sides and ends, and an overall wash or airbrush of dirt colour will make your wagon look more as though it is earning its keep.

Structures also need to be weathered to look realistic. You could argue that the detail, finish and weathering on your structures is more important than your trains because they don't move and, therefore, can be scrutinised more closely. The other point of view is that they are



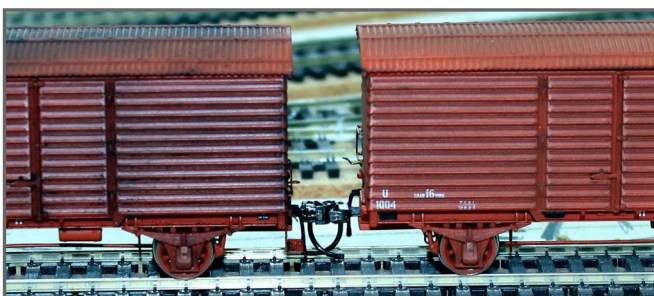
A good scrub with brown dry powder has taken the gloss off the paint nicely but I'm not so sure about the mud between the panels and the mucky bogies - dark brown dry powder and dry brush would look better

merely a backdrop to your trains and don't really get scrutinised to the same degree. Go with the story that suits you; it's your railway. Either way, structures are good to practise on.

Before beginning the weathering process, it's good to have some idea of what you want to achieve. Look at books and magazines and look around at clubs and exhibitions. If you come across a weathered model that takes your fancy, try to get a good close-up photo of it to use as guidance; even at exhibitions, many modellers will be only too happy to help you do this if you don't take too long about it. Ask modellers how they achieved a particular effect that you like the look of. Most of them will be quite pleased that you've admired their handiwork and are likely to be helpful. However, it's always better to start off light and then increase the level of weathering when you have experimented and practised a bit. While it is possible to "undo" some types of weathering, it is better not to have to. It is also good practice, as far as possible, to keep weathering thin.

There are numerous methods of weathering. They are all effective in their own way and two or more methods can be used on the same model. Which you choose is dependent on the effect you are looking for, the methods you feel comfortable with and the equipment you have.

The easiest way to achieve an acceptable weathered effect is by using an airbrush. By aiming a narrow jet of dirt colour along the underframe and lower body of your model from at least 400mm away, the axle boxes, brake gear, etc will take on a slightly grimy look. With an airbrush, you can achieve a range of effects from a light (almost imperceptible) dusting through average levels of weathering and ageing, to the effect where the original colours and marking are



Black powder applied on left; brown on right



This is the effect of wet powder - it brings out the strapping and other detail but is a bit muddy - I think I prefer dry brushing

all but obscured. As in normal airbrush painting, it is advisable to build up to the desired effect in several passes – keep the airbrush moving. The airbrush is also good for producing the soft-edged areas of whitish colour around plugs and valves on steam locomotives and sooty areas around exhaust vents on diesels. An airbrush makes light work of the sooty coating on roofs. Very basic, inexpensive airbrushes can be used for weathering; their only drawback is difficulty in painting narrow areas but you can usually get over this by holding a card about half way between the airbrush and the model or by aiming off the model a bit. Don't forget to mask off windows, etc if you are airbrushing. Humbrol Maskol or Bluetack are easier to use than little bits of masking tape. It also pays to mask or remove the wheels or touch them up afterwards. Masking (often a cut-out in a piece of thin card) can also be used to restrict a dark colour to a vent or louvre, usually the dirtiest parts of a loco, although dry brushing or powder does this quite well.

There are three ways of weathering by brush and paint. Using a small to medium brush, particular parts or areas such as wheels, axle-boxes steps and underframe can be painted a dirty or rusty colour. If an effect closer to that achieved with an airbrush is desired, colour washing using diluted paint on a larger brush is the way to go. Steps, handles, hinges and other protruding parts can be dry-brushed to represent scuffs and dirt deposits. Dry brushing is achieved by putting a small amount of paint on the brush, then brushing it off on newspaper or the like until only a trace of the paint remains; the paint will then only catch protruding parts.

Paint can also be used on microbrushes or cotton buds (wipe it on with one side and wipe some or most of it off with the other). Brush weathering can be applied with any type of paint, but water-based paint gives you a bit more time to wipe or wash it off again if you don't like the effect. It can be diluted, where appropriate, with water with just a hint of washing-up liquid added. Alternatively, it can be diluted with isopropyl alcohol.

The use of coloured powders such as cement colour, powdered chalk or pastels has the advantage that the process is easy to control, collects nicely in nooks and crannies, can be partially washed off to reduce or change the effect or can be washed off almost completely. You can make your own powder by filing or scraping chalks or pastel blocks. I discovered Studio Basics box of 12 earthtone pastels and Koh-I-Nor box of 12 "chalks" very similar at \$10 to \$12, or you can buy sticks individually. Powder can be applied with the model damp or dry. Obviously, the powder will stick better to a damp model, but heavy applications of powder turn into a sludge. Liquid turns the powder into something resembling paint but, by washing or brushing it off a bit, a more transparent effect can be achieved. This produces a more dramatic effect than if the powder is used dry. Whether wet or dry, use a soft brush for a smooth effect, a stiffer brush for streaks.

When you are completely happy with the result, you could apply matt varnish to make the effect permanent but, whether you use a spray or brush, it can change the effect that you have created. I prefer to leave the weathering unprotected and put up with a little of it coming off each time the model is handled.

Weathering with powder involves the least set-up and clean-up time; you can easily have a ten-minute session, particularly if you are using dry powder.

Pastels, chalks, crayons, highlighters and any other colour "stick" can also be used in a similar manner to dry brushing, picking out rivets and other protruding detail. Any new techniques need to be explored on scrap or hidden parts – the underneath or back of structures, for example, or on items which are begging to be thrown out. I often weather just one side of a wagon if I'm experimenting.

The question of colour needs to be carefully considered. Deposits close to ground level will depend on the area in which you layout is set and will vary between a light sandy colour and a dark grey/brown. The effect of weathering colour will also depend on the colour of the model or part being weathered. Be very restrained in using pure black because, other than in coal and soot, it rarely appears in nature. Similarly, pure white is rare, but can be used in very small quantities in selected areas. If you feel that you've gone over the top with a dab of colour, you can simply touch it up with another (including the original colour). Indeed, one of the recognised techniques is to colour a part, such as a side-frame or fuel tank, in a dirt or mud colour, then dry brush to the original and/or another weathering colour. To avoid hiding detail, you need to keep the layers of paint as thin as possible.

Like many aspects of railway modelling, weathering is an art form. If most of your models are ready-to-run, it provides the satisfaction that comes from making your model different from the next one. Be prepared to experiment. ■



**A set of three Bachmann models as supplied - they've gone one step further than the basic weathering by simulating replacement planks - a little more grime would improve them, I think.**

# *Where is it?*



**The top picture will be drawn at the October GM.  
The smaller picture below will be drawn at the Sept GM.**

**Look for the little entry slips and the container  
to put them in on the side table.**

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



At the Southern end of the layout, the fifth station, called SOUTHEND, is now wired and back in position thanks to Graham Philips and his helpers. It's ready for David Jameson and Kelvin Brinkley to create two control panels for the control of the switch motors.

It is now obvious that there will be a need for Station Masters/Shunters to be at Redbanks and Southend to control movements to and from these stations during operating sessions, be they SAR, Australian, American or English.

Because there is a long distance between Kooringa and Southend, when an operator is at Kooringa with a train heading to Southend, he would need to inform the Station Master at Southend of his intention. As we already have a connection between these two stations for signal control, I thought we could add a buzzer to alert the station master to set the arrival points.

We have been lucky to have had Len Redway back for a while to continue with the scenery, but he has gone AWOL again to his second home for a few weeks till September.

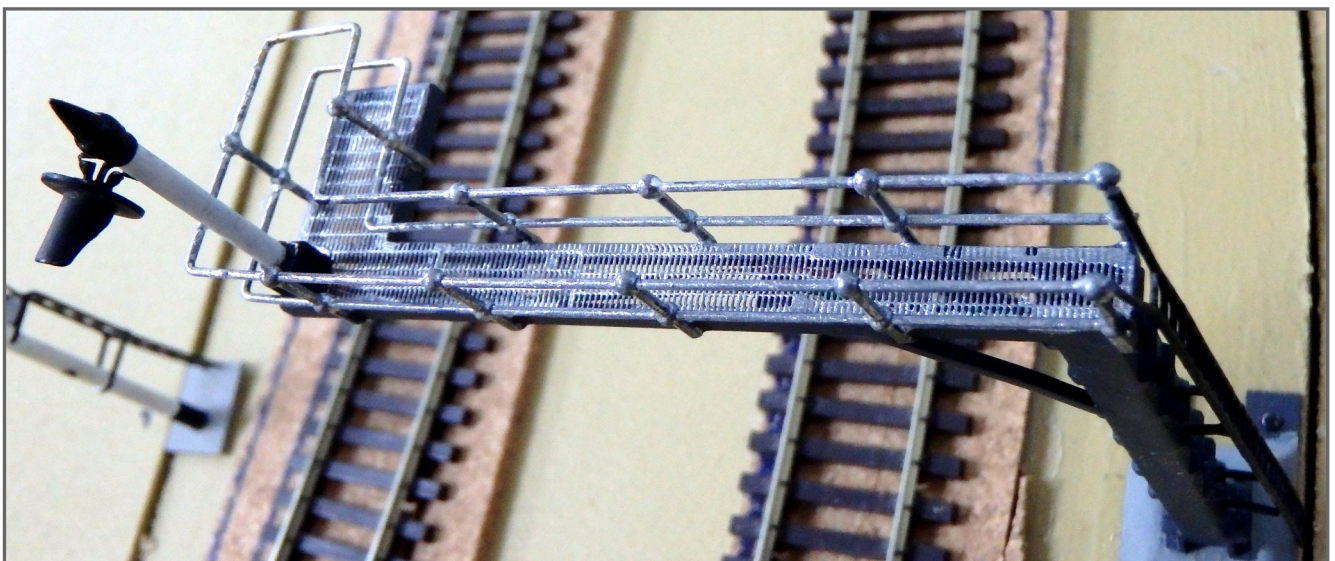
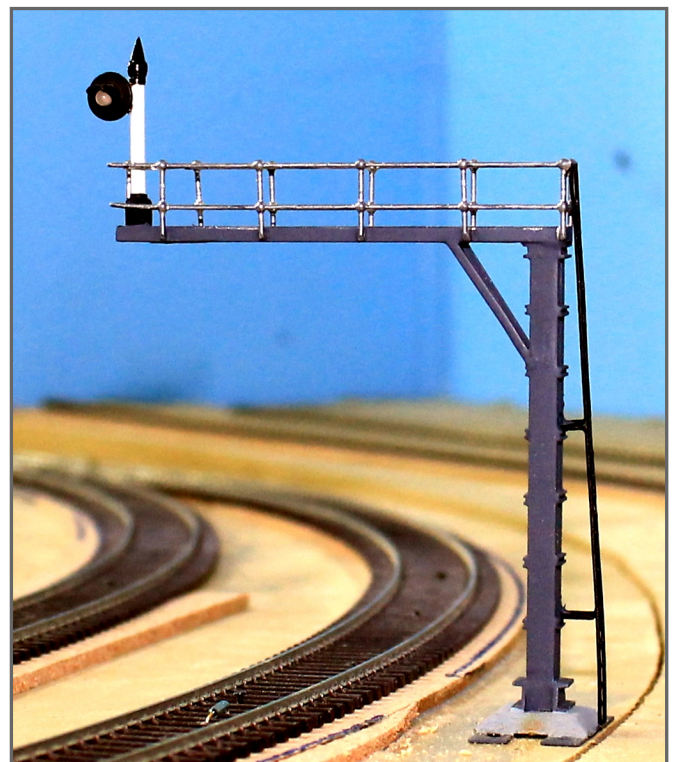
More trees have been made so that there will be a good coverage over the layout; they also help to hide those nasty columns holding up the roof.

The dual semaphore signal mentioned in the August Buffer Stop has been installed before the junction leading to the portable port. This will be an absolute signal; the top blade controls the section of the main leading up to Burford Station, the bottom blade indicates clearance to the Port with the caution (yellow) position. As mentioned last month the turnouts to the port

cannot operate from the straight main line setting if the port is not attached, so the bottom blade will only indicate stop, whereas the top blade will still control the block ahead.

I am still hopeful that the trackwork will have trains running by Christmas as promised.

John Gordon volunteered to build a target signal for an awkward position between two tracks on a bend and the pictures below show the highly detailed model he created; it even has mesh on the walkway. Thank you, John. ■





John, John and Chris hard at work on recent Tuesdays  
Obviously blue is the 'in' colour in the clubrooms





## SARMA SALES



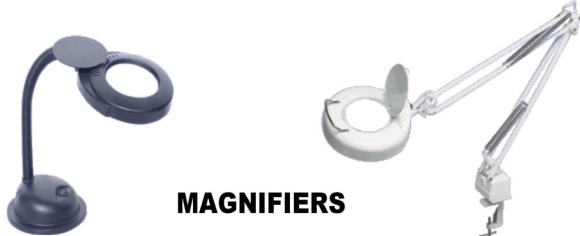
See Don Worby

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

Kadee #148 Whisker Couplers	\$6.00
Kadee #158 Whisker Couplers	\$5.00
Delrin Bearings	\$5.30
11'6" Underframe Kits	\$6.30
PVA Glue, 2 litres	\$20.00
PVA Glue, 1 litre	\$10.00
No. 2 self tapping screws, packs of 50:	
4.5 mm	\$3.50
6.0 mm	\$4.00
9.5 mm	\$5.00
2-56 UNC 3/8" pan head screws (pack 20)	\$4.00
2-56 UNC nuts (pack 20)	\$5.00
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Australian Railway History - Sept 17

A M R A Journal - Sept 17

Model Railroader - Sept 17

Modelling the Railways of SA Convention Notes -  
Sept 17

Trains Around Adelaide THE LAST HURRAH  
THE PINEROO LINE DVD Vol.44  
by John Venning

### **CHARGES**

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

*Allan Norris, Librarian*

# Noel's Pottering



2MP5 Hawthorn



5MP1 Crystal Brook



Belair



1281 s Tailern Bend  
at Hawthorn



2PM 1 Bowmans



2PM1 South  
of Two Wells  
Note: some loading  
removed



6PM7 Belair



MP 7 Main



Two Wells

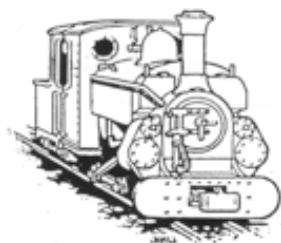
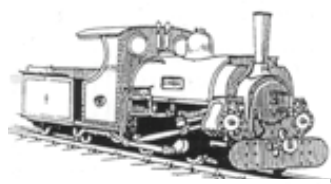
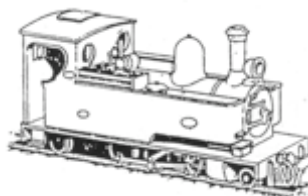
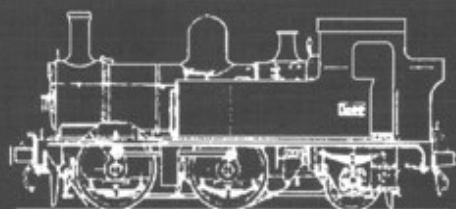
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## Specials for September 2017

Graham Farish N scale Depot Master Train Set	\$199.00
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	
David Jones Models OO scale J94 Austerity 0-6-0T	\$153.00
Golden Valley Hobbies Barclay Industrial 0-6-0T	

Walthers Trainline HO scale locos, some DC some DCC	from	\$99.50
Powerline Vline H class .....		\$265.00
Powerline 48 class		\$280.00
Hornby Master of the Glen set		\$322.00
Hornby Western Master set		\$320.00
Somerset Belle set		\$390.00
Lenz DCC SET010		\$430.00
Lenz DCC SET100		\$599.00
HO Brill horsebox trailer kit .....		\$140.00
HO SAR 500/600/700 coach kits		\$170.00
Railmotor Models SCT PHBY Container Wagons.....		\$55.00
Railmotor Models SCT Loco .....		\$55.00
San Mateo Line signals kits and ready-to-place		
SAR Model Co 800, 850 & 860 car kits and Redhens - in stock		
Frateschi Coaches, Wagons & Building kits		
GSI aqueous paints, 96 standard colours (\$3.95) plus 4 fluoros and 8 metallics		

*Cheers from Brian, Vic & Matt*

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at New Romney



Dr Syn at Romney Sands?



Southern Maid at New Romney

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# Pete's Pics

## A selection from Peter Michalak



Ex AN loco BL26 "Bob Hawke" working 9742V- the Hopetown to Hamilton Mineral Sands train, as it passes Stawell. 1<sup>st</sup> September 2017.

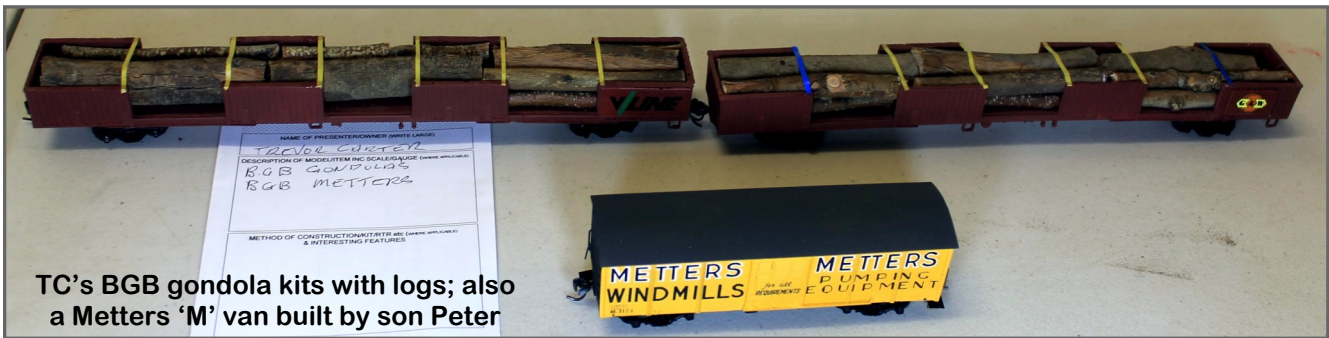


Ex AN loco BL30, and ex SRA/Freightcorp unit 8182 loading 7739V grain to Dimboola (and later Geelong) at Nhill. 1<sup>st</sup> September 2017



SSR's C509 and C504 working 9712V, the first SRR Grain train to Portland, being loaded at the Dimboola Grainflow siding. 1<sup>st</sup> September 2017.

# Show and Tell - more info page 4/5



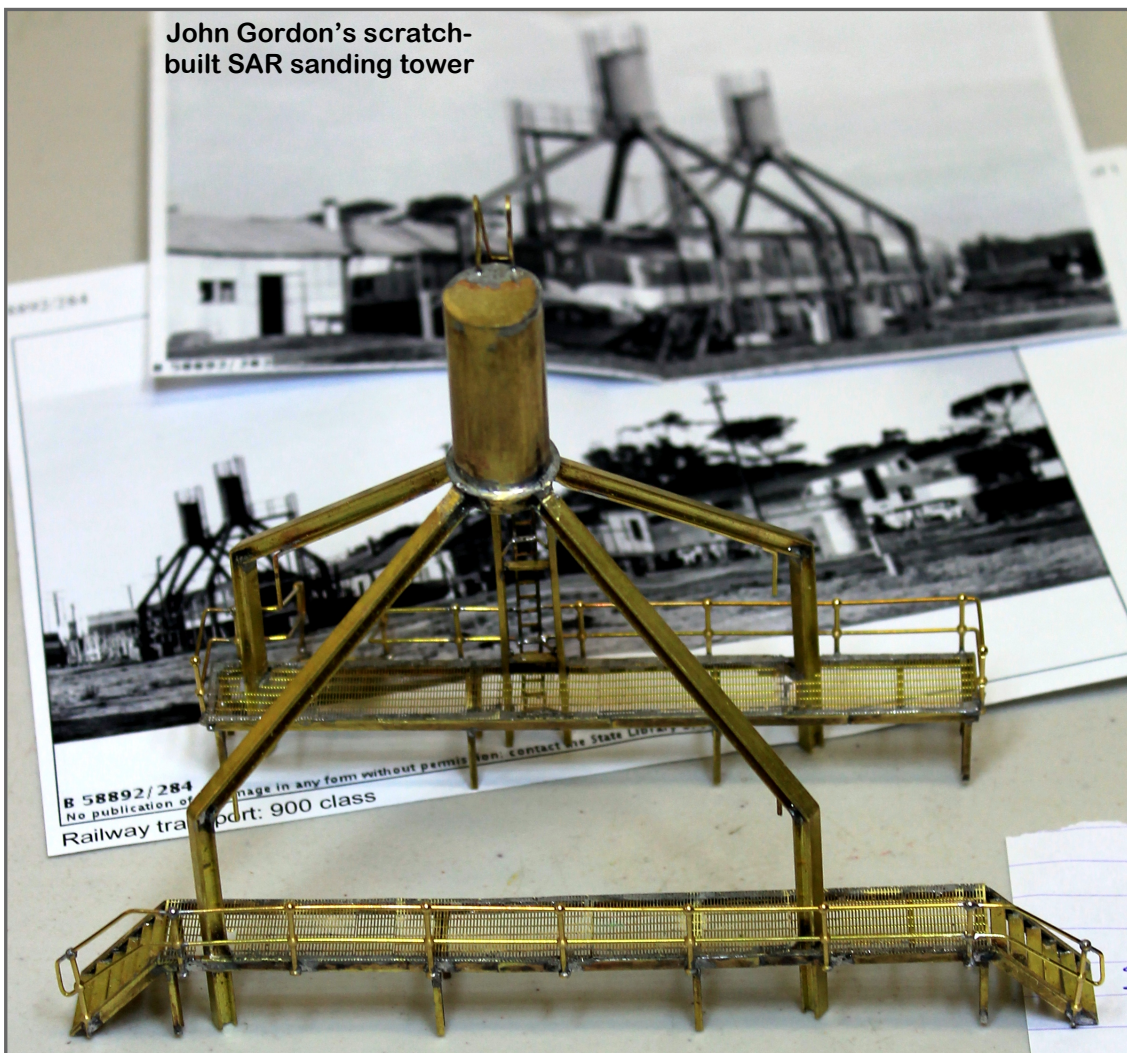
TC's BGB gondola kits with logs; also a Metters 'M' van built by son Peter



Nixo's rebooged Vic AE car

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HO SCALE



John Gordon's scratch-built SAR sanding tower

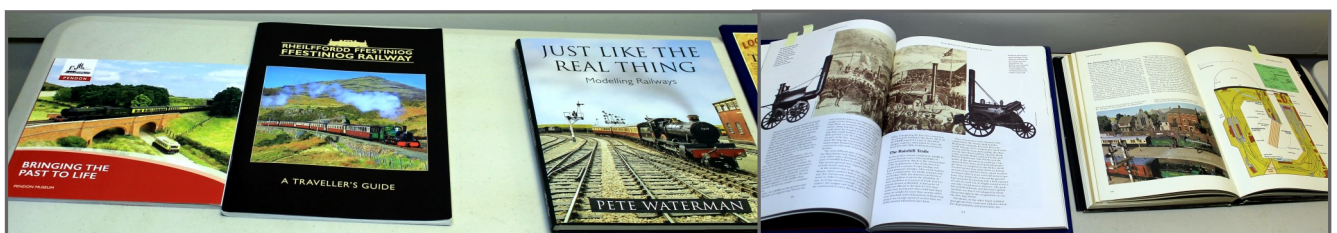


John McCallum's  
maglev train  
bought by his wife



Chris  
Whibley's  
Sub-station

PeterP's books which  
related to his UK trip



September 2017

The Buffer Stop

S A R M A

SWAPMEET

WINDSOR GARDENS

COLLEGE GYM

SUNDAY

17 SEPTEMBER

7AM SET-UP

10AM PUBLIC ENTRY

1PM PACK UP

LOT NO	COUNTRY	MAKE	TYPE	BOX	DESCRIPTION	QTY	PRICE	NOTES
1	USA	Bachmann	Coal wagon	Y	Burlington North - Three bay hopper	6 PACK	\$90.00	
2	USA	Bachmann	Coal wagon	Y	Southern Pacific - Three bay hopper	6 PACK	\$90.00	
3	USA	Bachmann	Coal wagon	Y	Rio Grande - Three bay hopper	6 PACK	\$90.00	
4	USA	Walthers	Hopper Wagon	Y	Mo Pac Woodchip - Six bay hopper	2 PACK	\$40.00	
5	USA	Athearn	Coal wagon	Y	BNSF Bethgon Coal Hopper	5 PACK	\$75.00	
6	USA	Bachmann	Coal wagon	Y	Baltimore & Ohio 40' Coal Hopper numbered 433554	1	\$5.00	
7	USA	Bachmann	Coal wagon	Y	Burlington North Coal Hopper numbered 542979	1	\$10.00	
8	Canada	Bachmann	Coal wagon	Y	Canadian National 40' quad coal wagon numbered 789048	1	\$5.00	
9	USA	Bachmann	Coal wagon	Y	Clinchfield Coal Hopper numbered 56841	1	\$10.00	
10	USA	Bachmann	Coal wagon	Y	Clinchfield Coal Hopper numbered 56857	1	\$10.00	
11	USA	Bachmann	Coal wagon	Y	Clinchfield Coal Hopper numbered 57201	1	\$10.00	
12	USA	Bachmann	Coal wagon	Y	Chesapeake & Ohio Coal Hopper numbered 78695	1	\$10.00	
13	USA	Bachmann	Coal wagon	Y	Chesapeake & Ohio Coal Hopper numbered 78946	1	\$10.00	
14	USA	Bachmann	Coal wagon	Y	Conrail Coal Hopper numbered 490931	1	\$10.00	
15	USA	Bachmann	Coal wagon	Y	Conrail Coal Hopper numbered 490983	1	\$10.00	
16	USA	Bachmann	Coal wagon	Y	Conrail Coal Hopper numbered 490944	1	\$10.00	
17	USA	Bachmann	Coal wagon	Y	Conrail Coal Hopper numbered 490923	1	\$10.00	
18	USA	Bachmann	Coal wagon	Y	Conrail Coal Hopper numbered 490924	1	\$10.00	
19	USA	Bachmann	Coal wagon	Y	CSX 40' Coal Hopper numbered 141948	1	\$5.00	
20	USA	Bachmann	Coal wagon	Y	Delaware & Hudson 40' quad coal wagon numbered 12312	1	\$5.00	
21	USA	Bachmann	Coal wagon	N	E J & E 40' quad coal wagon numbered 70127	1	\$5.00	
22	USA	Bachmann	Coal wagon	Y	Morrison - Knudsen 40' quad coal wagon numbered 750	1	\$5.00	
23	USA	Bachmann	Coal wagon	Y	Northern Pacific Coal Hopper numbered 73607	1	\$10.00	
24	USA	Bachmann	Coal wagon	Y	Northern Pacific Coal Hopper numbered 73688	1	\$10.00	
25	USA	Bachmann	Coal wagon	Y	Northern Pacific Coal Hopper numbered 73697	1	\$10.00	
26	USA	Bachmann	Coal wagon	Y	Norfolk & Southern Coal Hopper numbered 144711	1	\$10.00	
27	USA	Bachmann	Coal wagon	Y	Norfolk & Southern Coal Hopper numbered 144913	1	\$10.00	
28	USA	Bachmann	Coal wagon	Y	Norfolk & Southern Coal Hopper numbered 144927	1	\$10.00	
29	USA	Playart	Coal wagon	Y	North Western coal wagon numbered 118912	1	\$5.00	
30	USA	Bachmann	Coal wagon	Y	Norfolk & Western 40' quad coal wagon numbered 12988	1	\$5.00	
31	USA	Bachmann	Coal wagon	Y	Norfolk & Western Coal Hopper numbered 133427	1	\$10.00	
32	USA	Bachmann	Coal wagon	Y	Norfolk & Western Coal Hopper numbered 131028	1	\$10.00	
33	USA	Bachmann	Coal wagon	Y	Pennsylvania 40' Coal Hopper	1	\$5.00	
34	USA	Bachmann	Coal wagon	Y	Pennsylvania Rail Road Coal Hopper numbered 180671	1	\$10.00	
35	USA	Bachmann	Coal wagon	Y	Pennsylvania Rail Road Coal Hopper numbered 180658	1	\$10.00	
36	USA	Rivarossi	Coal wagon	Y	Soo Line 40' quad coal wagon numbered 4708	1	\$5.00	

37	USA	Rivarossi	Coal wagon	Y	Soo Line 40' quad coal wagon numbered 4708	1	\$5.00
38	USA	Rivarossi	Coal wagon	N	Soo Line 40' quad coal wagon numbered 4708	1	\$5.00
39	USA	Rivarossi	Coal wagon	N	Soo Line 40' quad coal wagon numbered 4708	1	\$5.00
40	USA	Rivarossi	Coal wagon	N	Soo Line 40' quad coal wagon numbered 4708	1	\$5.00
41	USA	Rivarossi	Coal wagon	N	Soo Line 40' quad coal wagon numbered 4708	1	\$5.00
42	USA	Rivarossi	Coal wagon	N	Soo Line 40' quad coal wagon numbered 4708	1	\$5.00
43	USA	Rivarossi	Coal wagon	N	Soo Line 40' quad coal wagon numbered 4708	1	\$5.00
44	USA	Bachmann	Coal wagon	Y	Southern 40' quad coal wagon numbered 352454	1	\$5.00
45	USA	Bachmann	Coal wagon	Y	Union Pacific Coal Hopper numbered 36255	1	\$10.00
46	USA	Bachmann	Coal wagon	Y	Union Pacific Coal Hopper numbered 36262	1	\$10.00
47	USA	Bachmann	Coal wagon	Y	Western Maryland Coal Hopper numbered 63834	1	\$10.00
48	USA	Bachmann	Coal wagon	Y	Western Maryland Coal Hopper numbered 63787	1	\$10.00
49	USA	Roundhouse	Tank wagon	N	A T & S F Tank wagon single dome numbered 95001	1	\$5.00
50	USA	Rivarossi	Tank wagon	N	National Cooperative single dome numbered 8743	1	\$5.00
51	USA	Rivarossi	Tank wagon	N	National Cooperative single dome numbered 8743	1	\$5.00
52	USA	Rivarossi	Tank wagon	N	National Cooperative single dome numbered 8743	1	\$5.00
53	USA	Rivarossi	Tank Wagon	Y	Dow C tank numbered 38323	1	\$5.00
54	USA	Rivarossi	Tank Wagon	Y	Du Pont 40' single dome tank wagon numbered 6046	1	\$5.00
55	USA	Bachmann	Tank Wagon	Y	Exxon 40' 3 dome tank wagon	1	\$10.00
56	USA	Bachmann	Tank Wagon	Y	Pennsalt 40' single dome tank wagon	1	\$10.00
57	USA	Roundhouse	Ore Hopper	N	Burlington North Iron Ore hopper wagon	1	\$5.00
58	USA	Roundhouse	Ore Hopper	N	Denver & Rio Grande Western Iron Ore hopper wagon	1	\$5.00
59	USA	Roundhouse	Ore Hopper	N	Denver & Rio Grande Western Iron Ore hopper wagon	1	\$5.00
60	USA	Roundhouse	Ore Hopper	N	Denver & Rio Grande Western Iron Ore hopper wagon	1	\$5.00
61	USA	Roundhouse	Ore Hopper	Y	Denver & Rio Grande Western Iron Ore hopper wagon	1	\$5.00
62	USA	Roundhouse	Ore Hopper	N	Dulum Missabe & Iron Range Iron Ore hopper wagon	1	\$5.00
63	USA	Roundhouse	Ore Hopper	N	Southern Pacific Iron Ore hopper wagon	1	\$5.00
64	USA	Bachmann	Open Wagon	Y	A T S F open wagon numbered 176207	1	\$5.00
65	USA	Rivarossi	Open Wagon	Y	Boston & Maine open wagon numbered 9704	1	\$5.00
66	USA	Rivarossi	Open Wagon	Y	Boston & Maine open wagon numbered 9704	1	\$5.00
67	USA	Rivarossi	Open Wagon	N	Boston & Maine open wagon numbered 9704	1	\$5.00
68	USA	Rivarossi	Open Wagon	N	Boston & Maine open wagon numbered 9704	1	\$5.00
69	USA	Rivarossi	Open Wagon	Y	F S open wagon numbered 59695018	1	\$10.00
70	USA	Rivarossi	Open Wagon	Y	Monon open wagon numbered 3578433029	1	\$5.00
71	USA	Rivarossi	Open Wagon	Y	Nickel Plate Road open wagon numbered 66008	1	\$10.00
72	USA	Rivarossi	Open Wagon	Y	Pennsylvania open wagon numbered 357843	1	\$5.00



73	USA	Roundhouse	Open Wagon	N	Reading open wagon with load numbered 1806	1	\$5.00	
74	USA	Roundhouse	Open Wagon	N	Union Pacific open wagon numbered 60900	1	\$5.00	
75	USA	Roundhouse	Open Wagon	N	Union Pacific open wagon numbered 60900	1	\$5.00	
76	USA	Roundhouse	Flat Car	N	J C flat car with pipe load numbered 63234	1	\$5.00	
77	USA	Roundhouse	Flat Car	N	J C flat car with pipe load numbered 63234	1	\$5.00	
78	USA	Roundhouse	Flat Car	N	J C flat car with pipe load numbered 63234	1	\$5.00	not running
79-1	USA	Rivarossi	loco - Steam	Y	Baltimore & Ohio 4-6-2 Pacific Steam loco	1	\$200.00	p/o 79
79-2	USA	Rivarossi	Passenger	Y	Baltimore & Ohio Pullman Car	1		p/o 79
79-3	USA	Rivarossi	Passenger	Y	Baltimore & Ohio Diner Car	1		p/o 79
79-4	USA	Rivarossi	Passenger	Y	Baltimore & Ohio Combination Car	1		p/o 79
79-5	USA	Rivarossi	Passenger	Y	Baltimore & Ohio Café Observation car	1		p/o 79
80-1	USA	Rivarossi	Diesel Electric	Y	Northern Pacific EMD - E8	1	\$200.00	
80-2	USA	Rivarossi	Diesel Electric	Y	Northern Pacific EMD - E8 - (No Motor - Dummy)	1		p/o 80
80-3	USA	Rivarossi	Passenger	Y	Northern Pacific - Observation Car	1		p/o 80
80-4	USA	Rivarossi	Passenger	Y	Northern Pacific - Observation Car	1		p/o 80
80-5	USA	Rivarossi	Passenger	Y	Northern Pacific - Roomette Car	1		p/o 80
80-6	USA	Rivarossi	Passenger	Y	Northern Pacific - Combination Car	1		p/o 80
81-1	USA	Rivarossi	loco Steam	Y	Southern Crescent Limited 4-6-2 Steam loco	1	\$200.00	
81-2	USA	Rivarossi	Passenger	N	Southern Crescent Limited Pullman Car	1		p/o 81
81-3	USA	Rivarossi	Passenger	N	Southern Crescent Limited Diner Car	1		p/o 81
81-4	USA	Rivarossi	Passenger	N	Southern Crescent Limited Combination Car	1		p/o 81
81-5	USA	Rivarossi	Passenger	N	Southern Crescent Limited Café Observation car	1		p/o 81
82-1	USA	Proto 2000	loco - Diesel	Y	Pennsylvania E7 Diesel loco	1	\$200.00	
82-2	USA	Proto 2000	loco - Diesel	Y	Pennsylvania E7B Diesel loco - (No Motor - Dummy)	1		p/o 82
82-3	USA	Rivarossi	Passenger	Y	Pennsylvania - Roomette Car	1		p/o 82
82-4	USA	Rivarossi	Passenger	Y	Pennsylvania - Roomette Car	1		p/o 82
82-5	USA	Rivarossi	Passenger	Y	Pennsylvania - Railway Post Car	1		p/o 82
82-6	USA	Rivarossi	Passenger	Y	Pennsylvania - Tail Car	1		p/o 82
83	USA	Rivarossi	loco - Diesel	N	Illinois Central GM EMD8	1	\$100.00	
84	USA	Rivarossi	Passenger	Y	Illinois Central Tail Car	1	\$15.00	
85-1	USA	Proto 2000	loco - Diesel	Y	Rock Island E7 Diesel loco	1	\$150.00	
85-2	USA	Proto 2000	loco - Diesel	Y	Rock Island E7B Diesel loco - (No Motor - Dummy)	1		p/o 85
86	USA	Proto 2000	loco - Diesel	Y	Pennsylvania E7 Diesel loco	1	\$100.00	
87	USA	Proto 2000	loco Diesel	Y	Burlington E7 Diesel loco	1	\$100.00	
88	USA	Proto 2000	loco Diesel	Y	Union Pacific E7 Diesel loco	1	\$100.00	
89	USA	Proto 2000	loco Diesel	Y	Burlington E7 Diesel loco	1	\$100.00	
90	USA	Proto 2000	loco Diesel	Y	Burlington Northern GP20 Diesel loco no 2055	1	\$80.00	

91	USA	Proto 2000	loco Diesel	Y	Burlington Northern GP20 Diesel loco no 2063	1	\$80.00	not running
92	USA	Proto 2000	loco Diesel	Y	A.T.& S.F GP7 Diesel loco number 2678	1	\$80.00	
93	USA	Proto 2000	loco Diesel	Y	A.T.& S.F GP7 Diesel loco number 2655	1	\$80.00	
94	USA	Proto 2000	loco Diesel	Y	Rio Grande SD9 Diesel loco number 5312	1	\$80.00	
95	USA	Proto 2000	loco Diesel	Y	Burlington Northern SD60 Diesel loco no 8300	1	\$100.00	
96	USA	Proto 2000	loco Diesel	Y	Burlington Northern SD60 Diesel loco no 8302	1	\$100.00	
97	USA	Rivarossi	loco - Steam	Y	Great Northern Railway 2-8-2 heavy Mikado Steam loco	1	\$90.00	
98	USA	Rivarossi	loco - Steam	Y	Norfolk & Western 2-8-8-2 Mallet Steam loco	1	\$150.00	
99	USA	Rivarossi	loco - Steam	Y	Indiana Harbor Belt 0-8-0 steam loco - switcher	1	\$80.00	
100	USA	Rivarossi	loco - Electric	Y	Pennsylvania G.G.1 numbered 4929	1	\$80.00	
101	USA	Proto 1000	loco - Diesel	Y	Chicago & North Western E8	1	\$140.00	
102	USA	Rivarossi	loco - Dsl hyd	Y	Southern Pacific numbered 4001	1	\$80.00	
103 - 1	USA	Rivarossi	loco - Dsl hyd	Y	Rio Grande numbered 4001	1	\$120.00	
103 - 2	USA	Rivarossi	loco - Dsl hyd	Y	Rio Grande numbered 4001 - (No Motor - Dummy)	1		p/o 103
104	USA	Rivarossi	loco - Diesel	Y	Burlington North GEU 25C Diesel electric loco	1	\$50.00	Noisy
105 - 1	USA	Rivarossi	loco - Diesel	Y	Sante Fe EMD E8	1	\$100.00	Noisy
105 - 2	USA	Rivarossi	loco - Diesel	Y	Sante Fe EMD E8 - (No Motor - Dummy)	1		p/o 105
106	USA	Proto 1000	Budd Car	Y	Boston & Maine RDC Budd Car	1	\$100.00	
107	USA	Proto 1000	Budd Car	Y	BC Rail RDC Budd Car	1	\$100.00	
108	USA	Rivarossi	Passenger	Y	Santa Fe Coach	1	\$20.00	
109	USA	Rivarossi	Passenger	Y	Santa Fe Dining Car	1	\$20.00	
110	USA	Rivarossi	Passenger	Y	Santa Fe - Railway Post Car	1	\$20.00	
111	USA	Rivarossi	Passenger	Y	Santa Fe Café Observation Car	1	\$20.00	
112	USA	Rivarossi	Passenger	Y	A T & S F Pullman Car	1	\$20.00	
113	USA	Rivarossi	Passenger	Y	Kansas City St Lois & Chicago Old time baggage car	1	\$15.00	
114	USA	Rivarossi	Passenger	Y	Virginia & Truckee old time coach	1	\$15.00	
115	USA	Rivarossi	Passenger	Y	Virginia & Truckee old time coach / baggage car	1	\$15.00	
116	USA	Rivarossi	Passenger	Y	Virginia & Truckee old time baggage car	1	\$15.00	
117	USA	Tri/Hornby	loco - Diesel	Y	Canadian National model R55	1	\$20.00	
118	USA	Life Likes	loco - Diesel	N	Rock Island GP7 Diesel loco number 429	1	\$80.00	
119 - 1	USA	Rivarossi	loco - Diesel	Y	Amtrak E7 Diesel loco numbered 235	1	\$110.00	
119 - 2	USA	Rivarossi	loco - Diesel	Y	Amtrak E7 Diesel loco no 235 - (No Motor - Dummy)	1		p/o 119
120	USA	Bachmann	Box Car	Y	Alton & Southern 40' Box Car numbered 905	1	\$5.00	
121	USA	Bachmann	Box Car	Y	Alton & Southern 40' Box Car numbered 905	1	\$5.00	
122	USA	Rivarossi	Box Car	Y	A.T. & S.F Reefer Box Car numbered 8175	1	\$5.00	
123	USA	Rivarossi	Box Car	Y	A.T. & S.F Reefer Box Car numbered 8175	1	\$5.00	
124	USA	Rivarossi	Box Car	Y	A.T. & S.F Reefer Box Car numbered 8175	1	\$5.00	
125	USA	Rivarossi	Box Car	Y	A.T. & S.F Reefer Box Car numbered 8175	1	\$5.00	

126	USA	Rivarossi	Cattle Car	N	A.T. & S.F Cattle Car numbered 80680	1	\$5.00
127	USA	Rivarossi	Cattle Car	N	A.T. & S.F Cattle Car numbered 80680	1	\$5.00
128	USA	Rivarossi	Box Car	N	A.T. & S.F 40' Box Car numbered 129700	1	\$5.00
129	USA	Bachmann	Box Car	Y	Boston & Maine 40' box car numbered 77027	1	\$5.00
130	USA	Rivarossi	Box Car	Y	Boston & Maine 40' box car numbered 74356	1	\$5.00
131	USA	Rivarossi	Box Car	Y	Baltimore & Ohio 40' box car numbered 466464	1	\$5.00
132	USA	Rivarossi	Box Car	N	Burlington Northern 40' box car numbered 80491	1	\$5.00
133	USA	Rivarossi	Box Car	N	Burlington Northern 50' Steel Reefer car numbered 24748	1	\$5.00
134	USA	Rivarossi	Box Car	N	Burlington Northern 50' Steel Reefer car numbered 100024	1	\$5.00
135	USA	Bachmann	Box Car	Y	Burlington Northern 50' Steel Reefer car numbered 9037	1	\$10.00
136	USA	Rivarossi	Box Car	Y	California Fast Freight Line 40' box car numbered 7686	1	\$5.00
137	USA	Rivarossi	Box Car	Y	California Fast Freight Line 40' box car numbered 7686	1	\$5.00
138	USA	Rivarossi	Box Car	Y	California Fast Freight Line 40' box car numbered 7686	1	\$5.00
139	Canada	Rivarossi	Box Car	N	Canadian National 40' box car numbered 523975	1	\$5.00
140	USA	Roundhouse	Box Car	Y	Chessie System 40' box car numbered 26621	1	\$5.00
141	USA	Bachmann	Box Car	Y	D & R G W 40' box car numbered 60004	1	\$5.00
142	USA	Rivarossi	Box Car	N	D & R G W 40' box car numbered 3949	1	\$5.00
143	USA	Rivarossi	Box Car	N	D & R G W 40' box car numbered 3949	1	\$5.00
144	USA	Roundhouse	Box Car	N	D & R G W 50' Steel Reefer car numbered 61720	1	\$5.00
145	USA	Bachmann	Box Car	Y	Green Bay & Western 40' box car numbered 60	1	\$5.00
146	USA	Bachmann	Box Car	Y	Green Bay & Western 40' box car numbered 60	1	\$5.00
147	USA	Bachmann	Box Car	Y	Green Bay & Western 40' box car numbered 60	1	\$5.00
148	USA	Bachmann	Box Car	Y	Green Bay & Western 40' box car numbered 60	1	\$5.00
149	USA	Rivarossi	Box Car	Y	Illinos Central 40' box car numbered 51604	1	\$5.00
150	USA	Rivarossi	Box Car	Y	Illinos Central 40' box car numbered 51604	1	\$5.00
151	USA	Rivarossi	Box Car	Y	Illinois River Packet Company 40' box car numbered 201	1	\$5.00
152	USA	Rivarossi	Box Car	N	Illinois River Packet 40' box car numbered 201	1	\$5.00
153	USA	Rivarossi	Box Car	N	M.H.L.X 40' Box car numbered 4326	1	\$5.00
154	USA	Rivarossi	Box Car	Y	Minneapolis & St Louis 40' Box car numbered 54652	1	\$5.00
155	USA	Rivarossi	Box Car	Y	Minneapolis & St Louis 40' Box car numbered 54652	1	\$5.00
156	USA	Rivarossi	Box Car	Y	Missouri Pacific 40' Reefer Box Car numbered 7407	1	\$5.00
157	USA	Rivarossi	Box Car	Y	Missouri Pacific 40' Reefer Box Car numbered 7407	1	\$5.00
158	USA	Rivarossi	Box Car	Y	Missouri Pacific 40' Reefer Box Car numbered 7407	1	\$5.00
159	USA	Rivarossi	Box Car	Y	New York Central 40' Box Car numbered 174478	1	\$5.00
160	USA	Rivarossi	Box Car	N	New Haven 40' Box Car numbered 36409	1	\$5.00
161	USA	Rivarossi	Box Car	Y	New Haven 40' Box Car numbered 36409	1	\$5.00
162	USA	Rivarossi	Box Car	Y	New Haven 40' Box Car numbered 36409	1	\$5.00
163	USA	Bachmann	Box Car	Y	New Haven 40' Box Car numbered 39288	1	\$5.00

164	USA	Bachmann	Box Car	Y	Reading Bee Line 40' Box Car numbered 104226	1	\$5.00	
165	USA	Rivarossi	Box Car	Y	Rutland 40' Box Car numbered 104	1	\$5.00	
166	USA	Rivarossi	Box Car	Y	Sea Board 40' Box Car numbered 15412	1	\$5.00	
167	USA	Rivarossi	Box Car	Y	State of Maine 40' Box Car numbered 2300	1	\$5.00	
168	USA	Life Like s	Caboose	N	Amtrak Caboose numbered 852	1	\$5.00	
169	USA	Bachmann	Caboose	Y	ATSF - Santa Fe 36' wide vision numbered 999628	1	\$5.00	
170	USA	Life Like s	Caboose	N	A T S F Santa Fe Caboose numbered 999851	1	\$5.00	
171	USA	Rivarossi	Caboose	Y	New Haven Caboose numbered 711	1	\$5.00	
172	USA	Bachmann	Caboose	Y	Norfolk & Western 36' wide vision numbered 518696	1	\$5.00	
173	USA	Rivarossi	Caboose	N	Norfolk and Western Caboose numbered 530303	1	\$5.00	
174	USA	Rivarossi	Caboose	N	Norfolk and Western Caboose numbered 530303	1	\$5.00	
175	USA	Rivarossi	Caboose	N	Norfolk and Western Caboose numbered 530303	1	\$5.00	
176	USA	Bachmann	Caboose	Y	Union Pacific 36' wide vision numbered 25743	1	\$5.00	
177	USA	Rivarossi	Caboose	Y	Virginia & Truckee Caboose numbered 5	1	\$5.00	
178	USA	Rivarossi	Caboose	N	Virginia & Truckee Caboose numbered 5	1	\$5.00	
179	USA	Rivarossi	Open Wagon	Y	Michican Central open wagon numbered 15317	1	\$5.00	
180	Australia	Triang	loco - Diesel	N	Trans Australia Diesel loco numbered 7005	1	\$20.00	
181	Australia	Lima	loco - Diesel	N	NSWGR Diesel loco numbered 4469	1	\$50.00	Rough
182	Australia	Lima	loco - Diesel	N	NSWGR Diesel loco numbered 4469	1	\$50.00	Rough
183	Australia	AR Kits	loco - Diesel	Y	ANR 600 class diesel loco - silver /maroon no 604	1	\$150.00	
184	Australia	Powerline	loco - Diesel	Y	Silverton Tramway Diesel loco 31 Yellow & Blue - Lim Ed	1	\$90.00	
185	Australia	Powerline	loco - Diesel	Y	Silverton Tramway Diesel loco 28 Maroon & white - Lim Ed	1	\$90.00	
186	Australia	Powerline	loco - Diesel	Y	NSWGR 4836 Diesel loco - 125 years of Rail Service - Lim Ed	1	\$90.00	
187	Australia	Powerline	loco - Diesel	Y	NSW State Rail 4802 Diesel loco - Tuscan & Yellow	1	\$100.00	
188 - 1	Australia	Powerline	Passenger	Y	NSWGR BS Coach - First Class - Tuscan & Russet	1	\$150.00	
188 - 2	Australia	Powerline	Passenger	Y	NSWGR FS Coach - Second Class - Tuscan & Russet	1		p/o 188
188 - 3	Australia	Powerline	Passenger	Y	NSWGR FS Coach - Second Class - Tuscan & Russet	1		p/o 188
188 - 4	Australia	Powerline	Passenger	Y	NSWGR BSR Buffet Coach - Tuscan & Russet	1		p/o 188
188 - 5	Australia	Powerline	Passenger	Y	NSWGR MHO Brake Van - Tuscan & Russet	1		p/o 188
189	Australia	Powerline	loco - Diesel	Y	Australian National Diesel loco 869 Green & Yellow	1	\$100.00	
190	Australia	Powerline	loco - Diesel	Y	SAR 849 Diesel loco - Mustard Pot	1	\$100.00	
191	Australia	Powerline	loco - Diesel	Y	SAR 858 Diesel loco - Mustard Pot	1	\$100.00	
192	Australia	Lima	Guards Van	Y	SAR 8300 class - brown numbered 8327	1	\$60.00	
193	Australia	Lima	Guards Van	Y	SAR 8300 class - brown numbered 8327	1	\$60.00	
194	UK	Hornby	loco - Steam	Y	SR 4-4-0 'Tonbridge' Schools Class Steam loco with plate - Spec Ed	1	\$80.00	Noisy
195	UK	Triang	loco - Steam	N	British Rail Steam loco 2-6-2 Tank class numbered 82004	1	\$50.00	
196	UK	Hornby	loco - Steam	Y	British Rail Steam loco 4-6-0 Black five class - tender drive	1	\$50.00	Rough

197	UK	Tri/Hornby	Loco - Steam	Y	L N E R Steam loco 4-6-2 Flying Scotsman number 4472	1	\$50.00	
198	UK	Tri/Hornby	loco - Steam	Y	British Rail Steam loco 4-6-2 Britannia numbered 70000	1	\$40.00	
199	UK	Triang	loco - Diesel	N	Dock Authority 0-4-0 diesel loco number 3	1	\$20.00	
200	UK	Tri/Hornby	loco - Diesel	N	British Rail Diesel loco numbered D7063	1	\$30.00	Intermittent
201	UK	Hornby	loco - Diesel	Y	British Rail Diesel loco numbered D5572	1	\$30.00	Rough
202	UK	Hornby	loco - Diesel	Y	British Rail Diesel loco numbered D6830	1	\$30.00	
203	Australia	Triang	Passenger	N	Australia passenger car	1	\$5.00	
204	Australia	Triang	Passenger	N	Australia observation passenger car	1	\$5.00	
205 - 1	UK	Triang	loco - Diesel	N	British Rail Diesel loco numbered W60095	1	\$60.00	Noisy
205 - 2	UK	Triang	loco - Diesel	N	British Rail Diesel loco numbered W60097 - (No Motor - Dummy)	1		p/o 205
205 - 3	UK	Triang	Passenger	N	British Rail Pullman car - blue and white	1		p/o 205
206	UK	Triang	Passenger	N	British Rail maroon Restaurant Car numbered M2001	1	\$5.00	
207	UK	Triang	Passenger	N	Southern Railways Passenger Car numbered S34243	1	\$5.00	
208	UK	Triang	Passenger	N	Southern Railways Passenger Car numbered S17035	1	\$5.00	
209	UK	Triang	Passenger	N	British Rail Pullman combination car no 79	1	\$10.00	
210	UK	Triang	Passenger	N	British Rail Pullman Passenger Car - Jane	1	\$10.00	
211	UK	Triang	Passenger	N	British Rail Pullman Passenger Car - Anne	1	\$10.00	
212	UK	Triang	Passenger	N	British Rail Pullman Passenger Car - Anne	1	\$10.00	
213	UK	Tri/Hornby	Flat Car	N	British Rail flat car with 3 BP chemical containers	1	\$10.00	
214	UK	Tri/Hornby	Flat Car	N	British Rail flat car with 2 - 40' shipping containers	1	\$10.00	
215	UK	Tri/Hornby	Flat Car	N	British Rail flat car with 2 - 40' shipping containers	1	\$10.00	
216	UK	Tri/Hornby	Flat Car	N	British Rail flat car with 3 - 20' Freightliner containers	1	\$10.00	
217	UK	Tri/Hornby	Flat Car	N	British Rail flat car with 3 - 20' Freightliner containers	1	\$10.00	
218	UK	Tri/Hornby	Flat Car	N	British Rail flat car with 3 - 20' Freightliner containers	1	\$10.00	
219	UK	Triang	Car Carrier	N	British Rail dual deck car carrier with cars	1	\$10.00	
220	UK	Triang	Car Carrier	N	British Rail dual deck car carrier with cars	1	\$10.00	
221	UK	Triang	Car Carrier	N	British Rail dual deck car carrier with cars	1	\$10.00	
222	UK	Triang	Flat Car	N	British Rail (ex Midlands) flat car numbered M13127	1	\$5.00	
223	UK	Triang	Flat Car	N	British Rail well wagon numbered 41917	1	\$5.00	
224	UK	Triang	Tank Wagon	N	Shell Tank Wagon numbered SCCX353	1	\$5.00	
225	UK	Lima	Tank Wagon	N	Esso Tank Wagon	1	\$10.00	
226	UK	Lima	Tank Wagon	N	Esso Tank Wagon	1	\$10.00	
227	UK	Lima	Tank Wagon	N	Agip Tank Wagon	1	\$10.00	
228	UK	Lima	Tank Wagon	N	Agip Tank Wagon	1	\$10.00	
229	UK	Hornby	Guards Van	N	L M S Guards Van numbered 730386	1	\$10.00	
230	European	Roco	Tank Wagon	N	Esso heavy oil Tank Wagon	1	\$10.00	
231	European	Roco	Tank Wagon	N	Esso heavy oil Tank Wagon	1	\$10.00	

232	European	Roco	Tank Wagon	N	N	Esso heavy oil Tank Wagon	1	\$10.00	
233	European	Roco	Tank Wagon	N	N	Esso heavy oil Tank Wagon	1	\$10.00	
234	European	Roco	Tank Wagon	N	N	Esso heavy oil Tank Wagon	1	\$10.00	
235	European	Roco	Tank Wagon	N	N	Shell heavy oil Tank Wagon	1	\$10.00	
236	European	Rivarossi	Guards Van	N	N	Guards Van numbered FSD185411	1	\$5.00	
237	USA	Triang	Flat Car	N	N	Timber loaded flat car	1	\$5.00	
238	UK	Triang	Hopper Wgn	N	N	Triang hopper wagon numbered 174421	1	\$5.00	
239	UK	Triang	Open Wagon	N	N	Triang open wagon numbered 3576	1	\$5.00	
240	UK	Triang	Tender	N	N	Triang 'Princess Class Tender	1	\$5.00	
241	USA	Triang	Box Car	N	N	Triang box car 22831	1	\$5.00	
242	USA	Triang	Caboose	N	N	Triang Caboose	1	\$5.00	
243	UK	Triang	Flat Car	N	N	Triang flat car	1	\$5.00	
244	USA	Tri/Hornby	Box Car	N	N	Cleaning car - Permanent Way Dept number 9372	1	\$5.00	
245	France	Jouef	loco - Steam	Y	Y	French Steam loco 2-8-2 Tender drive	1	\$100.00	Intermittent
246	France	Rivarossi	loco - Steam	Y	Y	French Steam loco 2-8-2, grey numbered 2811	1	\$100.00	
247	European	Liliput	loco - Steam	Y	Y	European Steam loco 4-6-0	1	\$70.00	
248	France	Jouef	Crane	Y	Y	French 85t Cockerill Crane plus supports and flat wagons	1	\$20.00	
249 - 1	Japan	Katsumi	loco - Electric	Y	Y	Japanese Bullet Train - loco	1	\$150.00	
249 - 2	Japan	Katsumi	loco - Electric	Y	Y	Japanese Bullet Train - loco - (No Motor - dummy)	1		p/o 249
249 - 3	Japan	Katsumi	Passenger	Y	Y	Japanese Bullet Train - Passenger Car with pickup motorised	1		p/o 249
250 - 1	Australia	Triang	Railcar	Y	Y	NSWGR Railcar	1	TBA	
250 - 2	Australia	Triang	Railcar	Y	Y	NSWGR Railcar - (No Motor - dummy)	1	TBA	
251	USA	Rivarossi	loco - Diesel	Y	Y	Baltimore & Ohio GM EMD 8	1	\$100.00	
252	Australia	Powerline	loco - Diesel	Y	Y	Freight Rail Diesel loco - numbered 4803	1	\$80.00	
253	USA	Proto 2000	loco - Diesel	Y	Y	Burlington Northern Diesel loco GP20 loco	1	\$40.00	Not running
254	USA	Proto 1000	Budd Car	Y	Y	Chicago & North Western Budd Car	1	\$100.00	
255	USA	Rivarossi	loco - Steam	Y	Y	Nickle Plate Road 2-8-4 steam loco	1	\$80.00	Not running
256	UK	Triang	loco - Steam	N	N	British Rail Steam loco 4-6-2 The Princess Royal numbered 48200	1	\$20.00	Not running
257	UK	Triang	loco - Steam	N	N	British Rail 0-6-0 Steam loco numbered 47606	1	\$20.00	Not running
258	USA	Rivarossi	loco - Diesel	N	N	Santa Fe Diesel loco GP25 numbered 350	1	\$50.00	