



Risborough and District
Model Railway Club

Jul-Sept 2022 Summer

FOOTPLATE



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WELCOME

Wheeltapper was a successful evening with a good selection of models and an interesting talk about Bath Queen Square (also know as Green Park). It would have been nice to see more entries, and I was surprised there were no entries in the Diesel and Road Vehicle categories. The most popular categories this year were Freight Stock and Structures. More details on page 12.

Risborough Festival is on 9th July and we will have an open day in the afternoon at St Marys church hall. This will comprise the test track, Aylesbury Town, shunting puzzle, second-hand sales and refreshments. Quainton Railway Centre will also have a table as it is a good idea to start working with them. If you have anything to sell make sure it is labelled and priced. Car parking is likely to be tight so please car share where possible.

We are also going to put on a small show in Haddenham on Saturday 15th of October. This will be mostly layouts with minimal trade and of course tea and cake. There are two aims, first to make some money and second to help fulfil

out charitable aims. It also gets us back into exhibitions after a long gap of no shows. We will have a second hand stand here as well.

We are currently still talking to QRS about storage. The container is still needed by the museum but they do have a coach available. That has enough space but we will need to disassemble the Aylesbury boxes and Okehampton racks to fit it in. We will let you know if we can get this agreed.

Paul

From the Internet

Miniatur Modelleisenbahn - Auf hoher See (Messe Leipzig)

https://www.youtube.com/watch?v=x1Zwtmb8Z_A

Steve Fisher's Deep Run RR From Barcusville to Pomona

<https://www.youtube.com/watch?v=F4i8giOcXcc>

F&WHR Moving Pictures Number Sixty Three - 25/4/22

<https://www.youtube.com/watch?v=-OHIWgs30tU>

The 4.35 Birkenhead to Paddington Express (1930).

<https://www.youtube.com/watch?v=d73LFIr2g8w>

Severn Valley Diesel Gala May 2022

<https://www.youtube.com/watch?v=y6i7oLjHv4E>

Animated recreation of the Marine Drive tramway on the Isle of Man

<https://www.youtube.com/watch?v=fQRpSiLGMt0>

Announcement from PECO & the NEW TT:120 Track & Accessories

https://www.youtube.com/watch?v=_J5L86SxVs0

7029 Clun Castle Raises The Sound Level + Britannia & Bahamas In Action!

<https://www.youtube.com/watch?v=jnqng7Pmc74>

KWVR Diesel Gala 11th & 12th June 2022

<https://www.youtube.com/watch?v=rOPAvO8jntI>

Front cover: A freight train makes its way between the building to the docks on East Lynn. Photo by Paul

Aylesbury LNWR

As you are all aware, the stock for Aylesbury LNWR has gone missing. Some of us have started to make replacement items, and I will be coordinating this. As a start, I have made a list of stock from photos of the layout, and I have a list from Bob Williams. We want to make stock that duplicates the lost items and that are prototypical for the line. The date of the layout is 1911.

Progress so far:

Locos: Mick has two locos, a LNWR Webb coal tank 0-6-2 and a LNWR improved precedent class 2-4-0 NO.790 'HARDWICKE', both from Bachmann. These need to be converted from OO to EM and the simplest way to do this is to pull the wheels out slightly to regauge it. Some repainting is needed and crew to be added. They will be DCC.



Coaches: John Compton has built a D297 all third kit from London Road Models and will build two D359 brake thirds to go with it. We need two trains made up of 6 wheeled stock and a couple of spares but the actual vehicles that ran from Cheddington to Aylesbury are unknown apart from being 6 wheelers. The original K's kits were D297 3rd and D361 brake 3rd.



Wagons: I made a start on these by converting some 00 private owner wagons I built many years ago, see below. I had 3 fully finished coal wagons (J Wright, G Wright & JG Stanton) and 2 painted but not lettered. I also found a set of POW sides transfers for another coal wagon (E Welford) and as the Slaters wagons I had were too short, I bought a Cambrian Kits 16' Gloucester 5 plank wagon that was suitable for these. I also bought a MR van which would have been new in 1911 so is still a very light grey. The mix is about 30 parts white



to 1 part black. There is also a GWR horsebox and I had an unlettered tar tank wagon so have made a set of Aylesbury Gas Company transfers for it. It may not be totally accurate but it looks OK.

Mike Morley has found a 4 wheel brake van kit so that can be used along with an unfinished 6 wheel brake van we still have.

Ian has found some old 00 models as well, which he will convert to EM. These are local coal merchants, see below.



We will also have 4-6 wagons being made for us by David Clarke and John Redrup, who both knew the layout when it was at Cuffley.

So at this point we have the basis for 1 passenger train and 2 freight trains.

What do we need?

If you would like to make a wagon here is what we need:

Horseboxes: I have a GWR horsebox and the following could be added as we need 4 or 5 of them:

GCR Brassmasters
MR D399 Mousa Models
MR D401, LNWR, LSWR, S&DJR all from London Road Models (LRM).
LNWR D436 from Wizard Models,.

All of these kits are etched brass.

Other NPC's: we need 21' open carriage truck (Wizard Models, LNWD466: LNWR Diagram 466), 21' fruit & milk van (LRM have a 26' milk & fruit van) or Falcon Brassworks, and full brake van (LRM).

PO wagons: We do have quite a number of local wagons so wagons from the major coal companies would be good. Strictly speaking the local coal merchants wagons may only have been seen at the coal pits and their home yard (and en route between the two), however having some local company wagons does add interest and is a good talking point. Stevenson Clark wagons are available from Brassmasters and other wagons from Slaters or Cambrian with transfers from POWsides etc.

Railway company wagons: We especially need wagons for the LNWR, some Ratio kits are suitable, such as the 4 wagon PW set or the LMS double coal wagon set. These are plastic. Other wagons are available from Mousa Models (3D printed/resin cast and etched brass), London Road Models (etched brass) or Falcon Brass if they become available again.

Non LNWR wagons would be seen at Aylesbury, especially those companies that have an easy connection to the LNWR. This might include the GWR, MR, GCR, GNR, L&Y & GER. We should have plenty of GWR wagons between us, however, I suspect most GWR wagons would have arrived at the other Aylesbury station! The common user scheme did not start until the first world war.

Open Wagons: I have a number of Ratio kits to make LNWR open wagons. These can make the following:

- D1 Single plank 15ft 6in open wagon
- D2 Two plank 15ft 6in open wagon
- D3 Conversion from D62 ballast wagon
- D4 Four plank 16ft 0in open wagon
- D9 Conversion from D4 16ft 0in 4 plank open wagon
- D13 Twin bolster, conversion from D48
- D48 Twin bolster
- D54 Traffic coal 15ft 6in wagon 5 plank
- D62 16ft 0in Ballast wagon
- D64 16ft 0in four plank Loco coal wagon

The most useful Ratio kits are 751, 752, 753 (only available second-hand) & PC576, now under the Parkside brand. All LNWR stock appears to have split spoke wheels.

Coke Wagons: these would be required to remove the coke produced at the gas works. Slaters produce a MR kit. And this is one of the missing models. LNWR and PO wagons would be useful.

Cattle wagons: an LNWR prize cattle wagon is available from 51L models but a standard cattle wagon or 2 would be needed. These do not seem to be

available, although the LNWR list Mousa Models BWK1511, it is not on the Mousa Models website.

Maybe we need to draw and 3D print some wagons?

Livery: At the period we are modelling, almost all LNWR stock would have had the 2 diamond symbols on the wagon side. It was only from 1908 that the LNWR letters would have been added.

Some people worry about getting the correct grey paint for wagons. There were official recipes for the paint, but these were not always followed exactly as the paint was hand mixed. As the paint is lead based this would have darkened with age and that is before you consider weathering. The MR van on page 5 would have been new at the time Aylesbury is set so is very light (Coat d'Arms light grey), while a MR coke wagon I am just completing is a mid grey (Halfords grey plastic primer). LNWR wagon grey was a 50:50 mix of white and black. The Halfords primer may be about right for a new wagon but I am using Games Workshop Mechanicus Standard Grey as the basis for some of these wagons. The GWR used a much darker shade of grey for its wagons. So the exact colour does not matter too much and probably every wagon should be a different shade of grey.

Brake gear: at the period being modelled a variety of brake gear could be seen on LNWR wagons. The earliest wagons had a single large wooden brake block on 1 side, this was later updated to a single iron block. Then you get the double iron brake blocks, first on one side and then on both. The Ratio kits provide the single and double iron blocks.

Axle boxes: for my LNWR stock I wanted them to have grease axle boxes, however Ratio provide grease and oil boxes but not enough for all wagons to have one type. To solve this, I have made a silicone mould and have cast some spares.

EM standards: Some wheels are easily converted to EM, e.g. Gibson uses the same wheels for OO & EM, just spaced differently. I suspect many other manufacturers wheels can be adapted in the same way while some others may not be suitable.

If you would like to build a wagon then let me know and I can help you choose a suitable model. You may also have suitable models already in your collection either ready made to be regauged or as kits.

Converting to EM.

The PO wagons I had made many years ago were from Slaters and were 00. To convert them I removed the Gibson wheels and pulled them out using an EM back to back gauge to check they were the correct spacing. This was easy but then I found that the brake gear was in the wrong place. I had of course set this in line with the wheels and now it was rubbing on them. The brake gear moulding had been fixed very well so would not come out, the only option was to cut off the brakes. I had a couple of spare brake mouldings but nowhere near enough so the only thing to do was use the spare parts as a master and make a silicone mould. I was then able to cast as many sets of brakes as I needed in polyurethane resin. Once cast they just needed to be rubbed down to remove excess thickness and then painted black and fixed in position. Conversion complete. If anyone needs some of these 9' brake blocks I can make them for you.

The GWR horsebox was much easier. This was an etched brass kit and the brake shoes were folded down from the floor. This meant that they were in the correct prototype location. Therefore just the wheels needed adjusting.

Finally, if you have a suitable wagon or are building one let me know and I will keep track of what we have. If you would like to make a wagon and are not sure which one I can help with that as well.

Paul

Laser Cutting Materials

In stock we have:

0.5, 0.75, 1, 1.5 & 3.2mm white plastic (Rowmark) with some 1.5 & 3.2mm in black. Sheets are 1220 by 610mm.

Clear acrylic in 0.5 & 1mm. Sheet sizes vary but some are 1000 by 1000mm.

MDF in: 1.5, 2, 3.2, 4 & 6mm, sheet sizes are 1220 by 600mm

The max. size the cutter takes is about 350 by 450mm. The larger sheets will be cut down to approx. A3 or A4 and we will calculate the prices.

Prototype Inspiration

For anyone who was inspired by Iain Rice's recent article in MRJ about modelling less-than-perfect track.

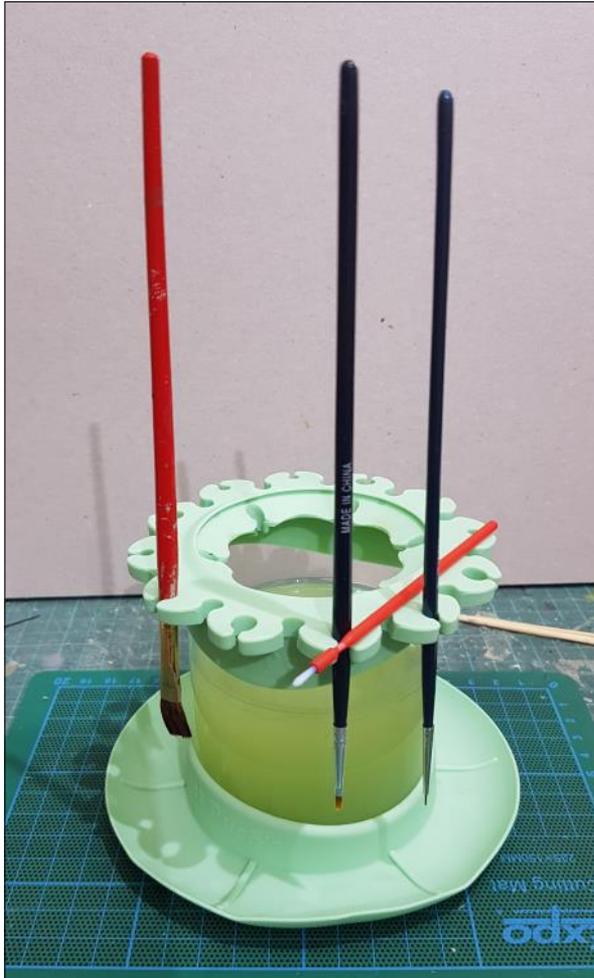


Taken 2003 or 4 at Dhoon Glen tram-stop on the Manx Electric Railway. A few years later they re-laid the entire route in stages but got into the slightly worrying habit of not quite finishing one stage before moving on to the next. On one trip from Douglas to Ramsey I saw numerous sets of fishplates secured by just one nut and bolt. Round the back of Baldrine I saw a set where they hadn't even bothered with the nut!

Mike Morley

The Paint Puck

The Paint Puck is a device for washing brushes and holding them. It consists of a clear acrylic cylinder with a silicone rubber top and bottom. This one is about 100mm tall and has places to hold brushes on the inside and outside. These brush holding points work perfectly for my small brushes. The bottom of the pot has a textured surface to help remove the paint from the brush. I have had this for about 6 months and it does work well at removing paint and holding brushes. It is easy to clean and stable on the work bench. They are available from Amazon.



Paul

Wheeltapper 2022

Here are the Wheeltapper results:

Wheeltapper Trophy:

Mick Moignard RGS 2-8-0 No 41

Category 1 (Steam Locomotives)

Mick Moignard RGS 2-8-0 No 41



Category 2 (Diesel/Electric Locomotives), No Entries

Category 3 (Passenger/Non-Passenger Coaching Stock)

John Casson SE&CR 3coach Birdcage Set



Category 4 (Freight and Engineers Stock)
James Aitken SR 40T Ballast Hopper



Category 5 The Robbie Robinson Award (Road vehicles, Boats etc.)
No Entries

Category 6 The Jack Kine Trophy (Scenic Models etc.)
Tim Peacock GWR 3-doll Bracket Signal



Category 7 (Dioramas and Figurines) and Category 10, The Chairman's Cup
Ken Harris Thatched Cottage and garden



Category 8 The Derek Turner Trophy (Okehampton 7mm Wagon Project)
No Entries

Category 9 The Robin Lane Trophy (Aylesbury 4mm Model)
No Entries

Below: The display table with some of last year's models.





Above: Mick is presented with the Wheeltapper Trophy by Jerry Clifford.



Above: Tim is presented with the Jack Kine Trophy by Jerry Clifford.



Above: Chairman's Cup presented to Ken for his diorama with the thatched cottage and garden.

A Visit to East Lynn

Recently I was lucky enough to be invited to visit East Lynn and Nunstanton, Trevor Nunn's S scale layout. Here are some of the photos I took.

Paul





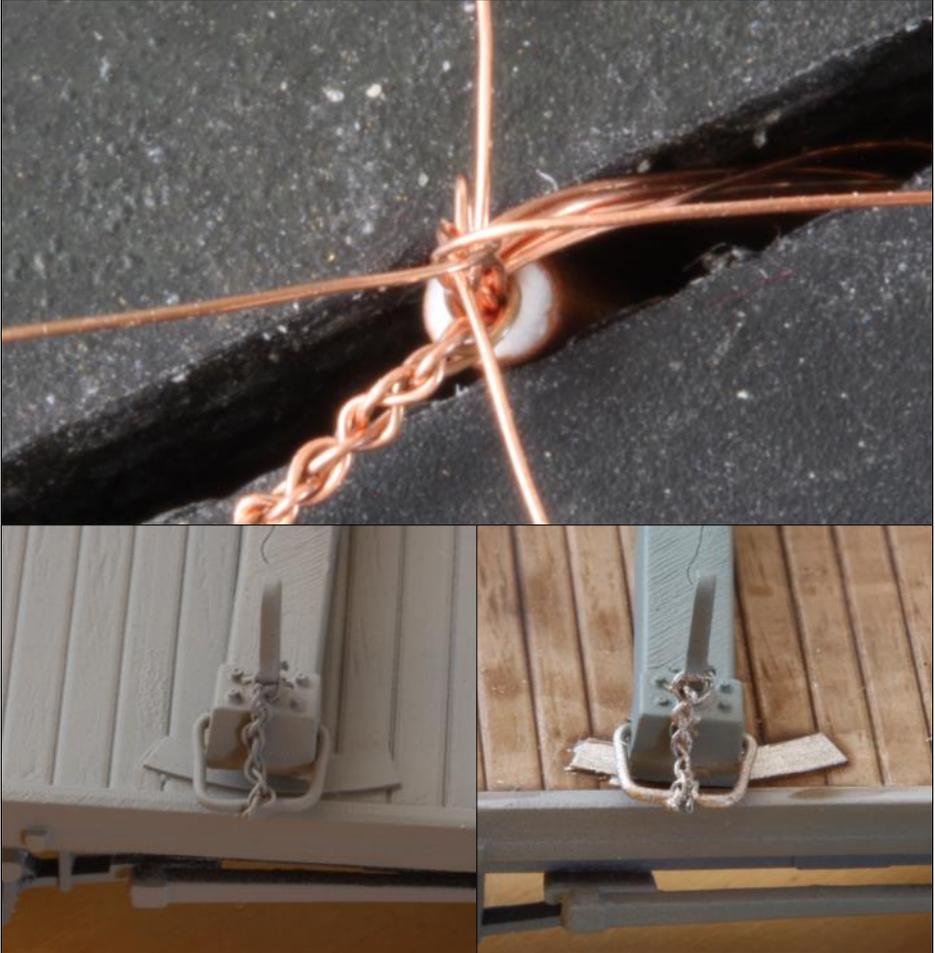






Making fine chain

I needed some very fine chain for some LNWR bolster wagons but did not have any I felt was fine enough. So I made some. I stripped down some cable to get the fine copper wire. Then took 4 pieces, folded the 2 opposite wires across, then folded the other pair across. Keep going and you will have a fine chain.



Paul

Club Diary

2022

Many shows are still being cancelled, some are still listed as going ahead at present but this may change at short notice.

July	2	Beaconsfield & District Model Railway Club, Beaconsfield School, Wattleton Road, Beaconsfield HP9 1SJ
	9	Risborough Festival club open day in the afternoon.
August		
September	3-4	Guildex, Bingley Hall. Stafford County Showground. Weston Road, Stafford. ST18 0BD
	17	European Railways Association, The Venue - Edgbaston, 100 Icknield Port Road, Birmingham B16 0AA
	24	Enfield Whitewebbs Railway Modellers, Whitewebbs Museum of Transport, Whitewebbs Road, Enfield EN2 9HW
	24	Tring & District Model Railway Club, Pitstone Memorial Hall, Vicarage Road, Pitstone, Leighton Buzzard LU7 9EY
	24-25	Scalefour Society, Cressex Community School, Holmer Lane, High Wycombe, HP12 4QA
October	15	R&DMRC Model Railway Show at Haddenham Village Hall.
November	26-27	Warley Model Railway Club, National Exhibition Centre, Birmingham B40 1NT