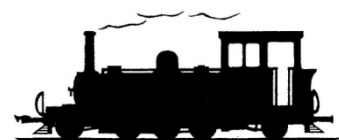


# WELLS RAILWAY FRATERNITY

established 1968

~ present their 41st exhibition ~



## 2018 MODEL RAILWAY EXHIBITION INCLUDING SCALEFOUR SOUTH WEST

Saturday 11<sup>th</sup> August: 10.30 a.m. to 5.30 p.m.

Sunday 12<sup>th</sup> August: 10.00 a.m. to 4.30 p.m.

Admission – adults: £6; unaccompanied children: £4;  
accompanied children (14 and under): free

For further information: [www.railwells.com](http://www.railwells.com) or [www.scalefour.org](http://www.scalefour.org) Organiser: Chris Challis: 01749 938362

This year is the 50th anniversary of the Wells Railway Fraternity, making this the 3rd anniversary event in a row. 2016 was the 50th anniversary of the closure of the Somerset & Dorset Railway and 2017 the 40th Railwells. Included in this year's exhibition is a 009 layout depicting a WW1 trench railway, by Callum Willcox, commemorating the battle of Amiens, which began on the 8th August 1918. Tim Venton will be showing his P4 layout Clutton for the last time: the layout is set in 1952 on the Bristol & North Somerset Railway. Also attending, for probably its only public show, is the Bodmin & Wadebridge Railway by John Greenwood: this 2mm system is in fact seven layouts in one, making up the Southern's 'Withered Arm' in North Cornwall. Roger Orpwood's tiny T scale layout's locos are so small there is no room for motors inside them: the layout works with magic – "You'll like it, not a lot, but you'll like it".

The Wells Railway Fraternity stand and displays will have items depicting the last 50 years of meetings, outings and visits.

When the Fraternity first set up Railwells it was advertised as a Model & Railway Exhibition. For a number of years now the show has not included a Railwayana display. This year Malcolm Barton has stepped forward to put one on. This is in the room to the left of the foyer as you enter the Town Hall. In this room also is a display of live steam locos by the 82D Model Engineers Club.

If you follow the stand numbers round the show you will not miss any of this year's special delights. There are 16 layouts, 22 traders plus demos and displays. Refreshments, by Queen Street Deli, are available all day, starting with breakfast baguettes, going on to ploughman's lunches and afternoon tea and cake.

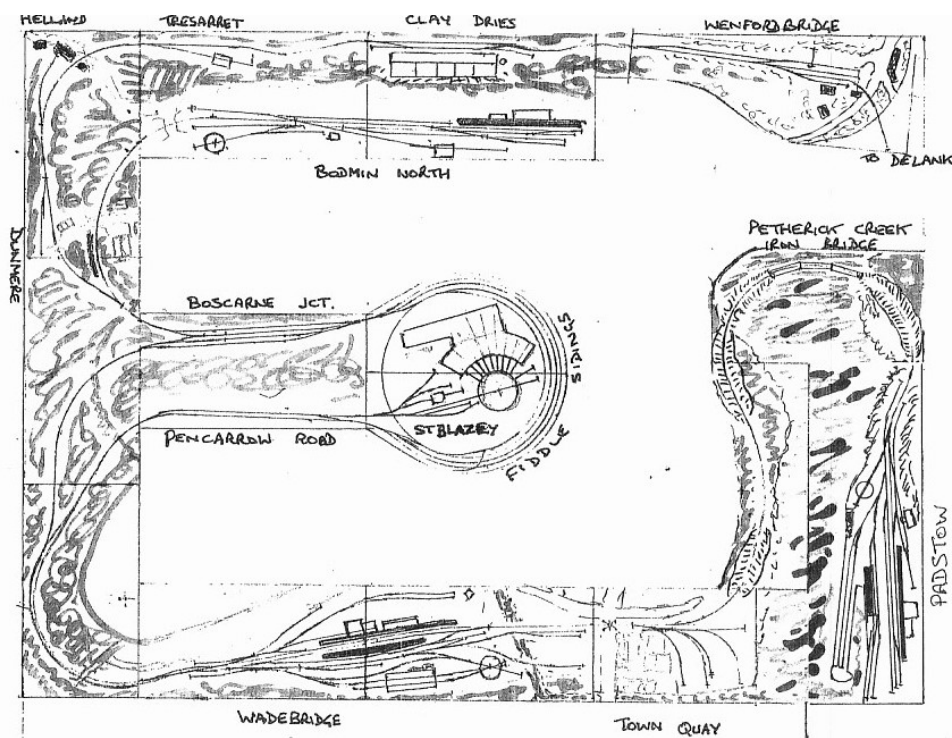
## LAYOUTS

### 2mm FS: Bodmin & Wadebridge by John Greenwood

**Stand no. 1**

I wanted to have a layout that ran between stations without a fiddleyard and the Bodmin & Wadebridge fitted this plan. It is a work in progress, but with the track complete and operational and parts of the scenery well advanced. It is built to be an operator's layout as much as an exhibition layout which is why the centre section is not very visible from outside the layout. There is also a fictitious passing station called Pencarrow Road based on North Cornwall line stations. My ultimate intention is to run the layout to a sequence much as on the original but more frequent, and with some kind of card system for the goods traffic to give it some purpose. Control is by a Lenz Compact DCC system with up to six extra plug-in handsets. Points, signals and uncoupling electro-magnets are all controlled by local conventional panels. Do please ask the operators if you would like to know more about the layout and 2mm scale modelling. (Track plan overleaf)

## Bodmin & Wadebridge Railway (From previous page)

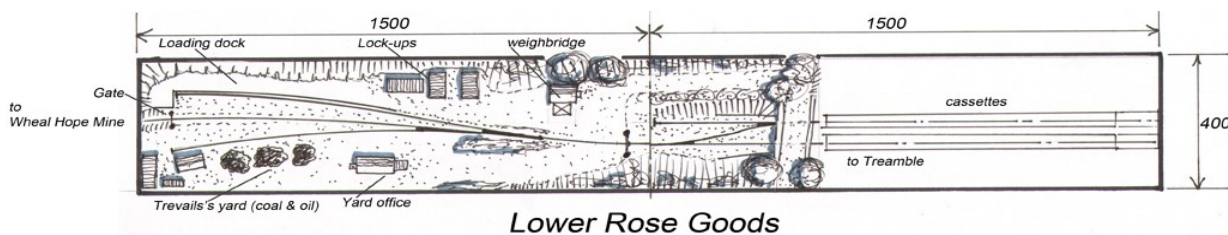


### **P4: Lower Rose Goods by Steve Howe**

**Stand no. 6**

The model represents a rural goods depot during the inter-war years, off the Chacewater to Newquay line that had its origins way back in 1849. I have imagined that Wheal Hope copper and lead mine has lived up to its name and become a somewhat more prosperous concern than was actually the case, so that the Cornwall Minerals Railway extended its Treamble Branch up the valley to service the mine's needs.

My rationale draws on an early 1870s scheme to link the Treamble mines to Truro with a mineral railway, but assumes that the line was extended only as far as Wheal Hope in 1874 before it became clear that the fortunes of mining were in serious decline. The remote and rural area around Goonhavern and Rose, though not densely populated, could have warranted a goods depot to service its domestic and agricultural needs. Accordingly, public loading facilities were constructed at Lower Rose. The branch continued as a freight-only line until the late 1920s – early 1930s, which is when our scene is set.

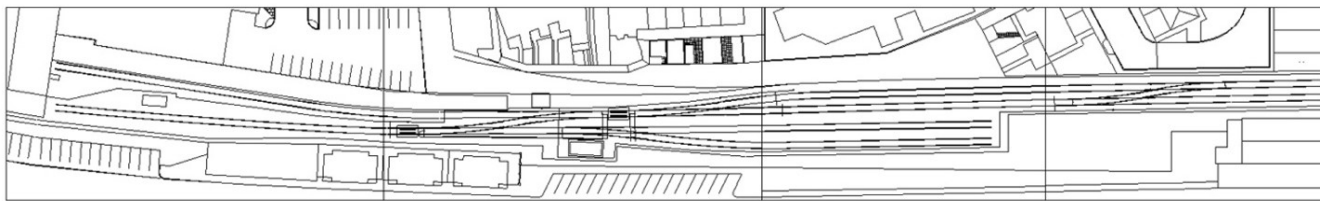


### **P4: Pwllheli by Jonathan Buckie**

**Stand no. 10**

Pwllheli is the northern terminus of the Cambrian Coast Railway. Eight return workings a day traverse the coastal route to Machynlleth with services continuing to Shrewsbury. The layout attempts to convey an impression of the station and its surrounding area as it appeared between 2000 and 2012 prior to ERTMS operation, with a regular DMU passenger service and an occasional heritage rail tour or engineers' train. Buildings and associated details have been laser cut using drawings created in AutoCAD. Locos and rolling stock are based on prototypes recorded as running on the Cambrian line during the period modelled and are predominantly RTR models converted to P4 using either Black Beetles or the appropriate Alan Gibson conversion set. The layout is operated by DCC using NCE equipment. Points are driven by servos. (Track plan overleaf)

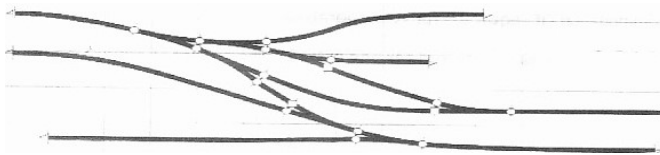
**Pwllheli** (From previous page)



**009: Wantage by Richard Holder**

**Stand no. 16**

The Wantage Tramway was a standard-gauge railway linking the market town of Wantage to the GWR main line. This layout is Richard's interpretation of what the 'Upper Yard' at Mill Street, Wantage, might have looked like had the tramway been built as a 2ft 3in narrow-gauge line. The railway buildings are accurate models of the originals, apart from window sizes and styles. Some of the other buildings have also been scratch built using card and plastic; others are models from the Skaledale and Scenecraft ranges. The two main tram locos have been built using Worsley Works brass etches, running on Kato 9mm-gauge tram chassis. The three tram-cars have also been built using Worsley Works etches. Manning Wardle loco No. 7 is represented by an RT Models standard-gauge kit running on an adapted Graham Farish 08 diesel N-gauge chassis. Other rolling stock comes from plastic kits of various British and Irish prototypes.



**00: The Worlds End by Peter Goss**

**Stand no. 23**

The layout is based on the North Yorkshire town of Knaresborough and its name refers to the pub located at the front of this modern-image layout. Featured is the large, ornate, stone-built viaduct over the River Nidd which at 4mm to the foot scale is around 5 feet long and 14 inches high. The station and town scene to the left of the layout contrast with the deep River Nidd gorge and the wooded countryside and castle grounds on the right. Trains are based on actual formations taken from the post-privatisation period between 2005 and 2015 featuring short, colourful DMUs and long steam passenger specials and all sorts in between. Substantial numbers of cast and converted model figures have been employed on the layout and inside coaches.



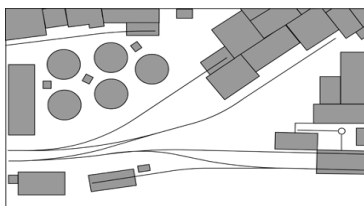
**T (3/4mm to 1 foot: Bridge Siding by Roger Orpwood**

**Stand no. 24**

This small layout is primarily a demonstrator to show the feasibility of working in this very small scale, using finescale standards. It is hoped that it also gives an indication of the scenic potential of the scale. Two Midland locos are displayed; a 'half-cab' 0-6-0T and a 0-4-0T shunter, both Johnson engines. Many design iterations were needed before working locomotives could be obtained, not the least making spoked wheels (nickel-silver tyres soldered onto an etched-spoke hub). It is quite hard in such a small scale, with the very low inertia of the vehicles, to achieve realistic slow running, but it is hoped you will see that the chassis designs used can match the slow-running abilities of larger scales. The other challenge with something so small is to provide coupling and uncoupling abilities. The layout shows that this is quite feasible, and shunting operations will be demonstrated. Bring your glasses!

**P4: Mount Woodville Works by Rob Milliken**

**Stand no. 25**

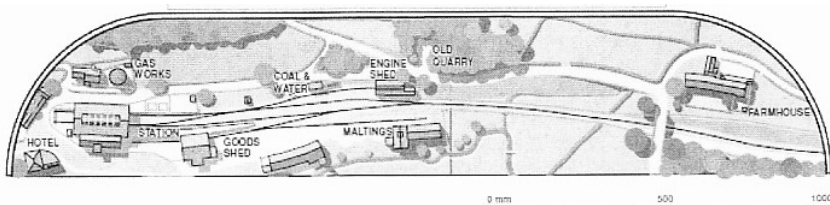


Mount Woodville Works is a fictitious, salt-glazed products manufacturer making a variety of wares but mainly drainage pipes. It is set during the mid-1960s just before its closure. All the buildings and kilns were scratch built as were the clay-tipping wagons. Locomotives and other rolling stock were made from kits.

**N: Ashburton by John Birkett-Smith**

**Stand no. 30**

Yet another Ashburton layout! This one began life in the late 1970s as the branch-line appendix on a much larger fixed layout,



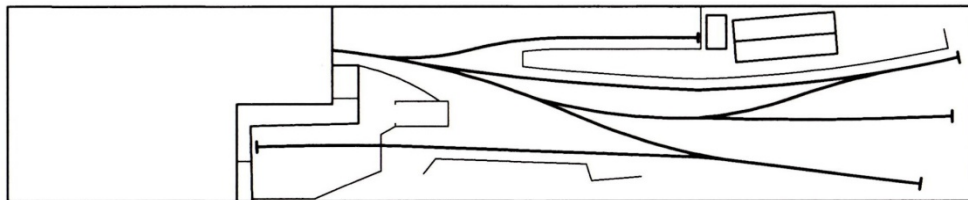


but removal to Somerset, where the railway room was insufficiently wide to house the whole layout, meant that something had to go. The appendix was removed. It remained, preserved in a plastic bag, for six or seven years. Eventually, in 1997, it was reborn. Little of the original baseboard remains but at least the need to construct buildings and rolling stock was minimised. The layout is set in the late 1920s. Stock includes a 517 with a rake of four-wheeled coaches, a 14xx and autococh, a small prairie, a Dean Goods and pannier and saddle tanks with passenger, cattle and goods rakes, but don't be surprised to find the odd, more-exotic visitor!

### **0: Plaxtol Road by Tim Tincknell**

**Stand no. 31**

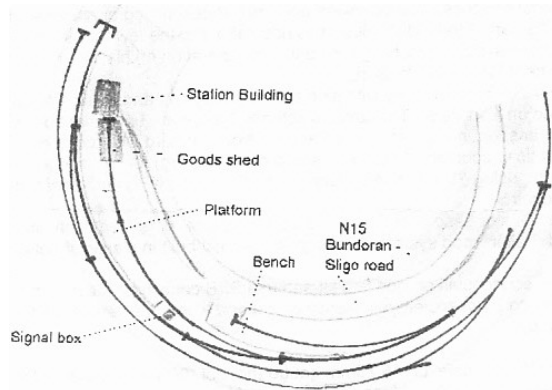
Plaxtol Road is the terminus of the line from Hadlow, serving the Winfield flour mill and the needs of the local community. One of many light railways controlled by Col. H.F. Stephens, and his successor W.H. Austen, the



layout represents the railway as running in the 1930s, using second-hand or hired-in locos and stock, with the minimum of staff and maintenance to keep things going. It is run in conjunction with the Kent & East Sussex Light Railway, another of the Colonel's lines nearby. The main traffic is from the mill, some goods and milk, and a minimal passenger service for the local population.

### **3mm: Ballyconnell Road by 3mm Irish Group**

**Stand no. 35**



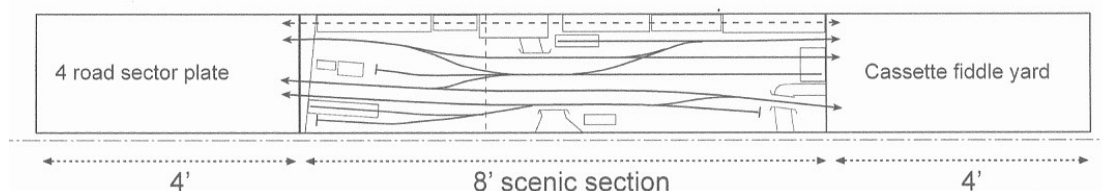
It is 1955 in County Sligo and the few tourists and the remnants of the barytes industry are just about justifying the continued operation of this distant outpost of the international Great Northern Railway of Ireland. Our circular baseboard is actually 6 separate units that bolt, with end boards, into 3 pairs for transport in two cars. With train control (standard DC), point motors (Tortoise), electromagnetic uncouplers (Seep) and servo drivers (MERG) for signal operation there is a lot of wire underneath, using 25-way connectors across the joints. KPC controllers are normally used for train control. Scenery is built on a plaster base with Woodland Scenics detail. The road is ply and incorporates a modified Faller road system. Buildings are scratch built in plastic sheet or Das-covered ply. Locos and stock are either scratch built or modified kits and use B&B couplings. Most of the track is typical British bullhead using

3mm society rail, plastic chairs and wooden sleepers - all quite suitable for Irish 5'3" gauge.

### **EM: Navigation Road by Clive Hunt**

**Stand no. 43**

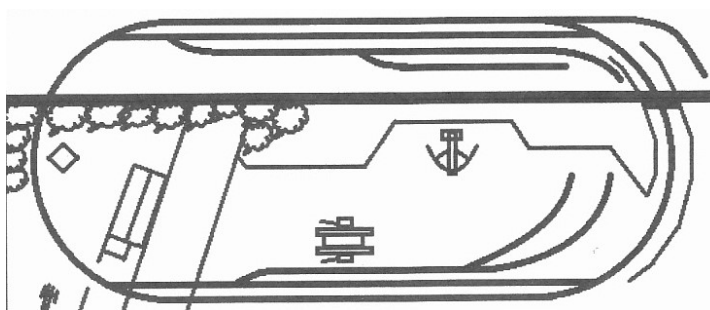
Navigation Road is set in a little-known area of North East London, circa 1970. The canal arrived many years before the railway, but sees no commercial traffic now. Rail services include raw-material deliveries to the engineering works and inter-regional freights to a nearby marshalling yard, the locomotives from which visit the shed for servicing. Locomotives and rolling stock are a mixture of RTR and kits, detailed and weathered appropriately to the era portrayed. Sprat & Winkle auto couplings are fitted where required. Buildings are scratch built mainly in Plasticard from prototype photographs. Control is conventional DC and the points are operated by Cobalt slow-motion motors. The layout is presented by members of the Sarum Finescale Group which is an area group of both the EM Gauge and Scalefour societies.



### **009: Amiens 1918 by Callum Willcox**

**Stand no. 49**

The Battle of Amiens marked one of the final major actions of the First World War, with the opening phase, the Allied Offensive, beginning on the 8<sup>th</sup> August 1918. The battle, later known as the Hundred Days Offensive, ultimately led to the end of the First World War. With over 75,000 troops, 2,000 aircraft and 500 tanks, the Allies advanced over 8



miles on the first day alone, re-capturing German-held fortifications and equipment. Set during the battle, this scene depicts a re-captured artillery battery, now an allied field headquarters and supply depot, where troops and tanks are prepared for the next offensive, served by a narrow-gauge field railway. Supply trains hauled by a mixture of British, US and French locomotives, as well as captured German rolling stock, stream through the battery with tons of equipment and material that will ultimately lead to allied victory on the Western Front.

### **2mm FS: Callaton by Mick Simpson**

**Stand no. 53**

Callerton is a small community on the Ponteland to Darras Hall branch, near Newcastle upon Tyne. Although the line closed to passengers in 1929, part of it was still carrying freight up until 1989, in the form of explosives to the nearby ICI works. A trip working out of Tyne Yard called at Blue Circle Cement in Heaton, Rowntree's in Fawdon and ICI close to Callerton, picking up and depositing vehicles on its way – a modern-day pick-up goods. By the time I visited in the late 1980s, the track layout was a shadow of its former self, comprising a single turnout giving two sidings. I have applied a fair degree of modeller's licence, including adding a DMU service and, of course, a change of name to 'Callaton'. The layout is simple and is designed to encourage those interested in finescale modelling to have a go.

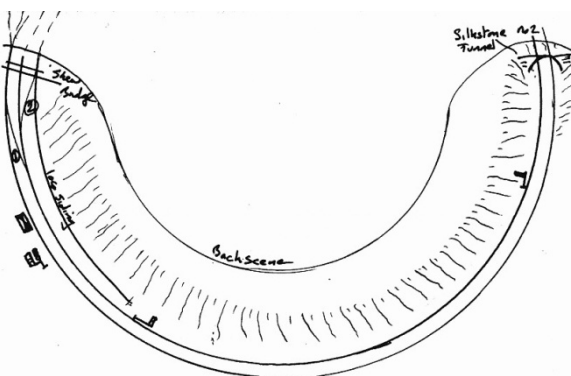
### **2mm FS: Bordesley North by Jim Allwood**

**Stand no. 54**

The Duddeston Viaduct formed part of the route of the Birmingham & Oxford Junction Railway (BOJR) into Curzon Street. It was almost completed, but the junction was never made and the line has been disused all its life, except as a headshunt to the cattle docks. Using modellers' licence, I have assumed that by 1990 local services from Leamington and Stratford were growing at a rate that could not be managed at the existing facilities at Moor Street and Snow Hill. To relieve the log-jam, a small station was created at the end of the Duddeston Viaduct, called Bordesley North. Below, freight lines from the Vauxhall/Curzon Street yards end in a cement terminal and headshunt. The layout itself is a shameless plagiarisation of an N-gauge project called "Apa Park". My rendition is, of course, in 2mm finescale, not N gauge, and is a mirror image, i.e. with the fiddle yard to the left and uses an island platform. It is my first excursion into DCC, using the Bachmann EZ system, bought unused from an antique dealer in Lyme Regis for £20!

### **N: Mini MSW by Alan Whitehouse**

**Stand no. 56**



This is a layout with a bit of history to it: originally built in 2007, it appeared on the exhibition circuit for several years. A full rebuild including new track, wiring and scenery had begun when the invitation to appear at Railwells was received. With refusal not an option, much midnight oil has been burned to get the layout into the state you see today. It represents part of the almost legendary Manchester, Sheffield and Wath system - known to many as the Woodhead Line - with its unique locomotives and pioneering 1500v DC overhead electrification. Mini-MSW attempts to portray a scene from the Wath arm of the system, which carried only freight trains and which was so severely graded that banking engines were used on all westbound trains. The layout is set in the late 1970s when traffic was declining and

the mainstay was MGR coal workings from Wath Yard to Fiddler's Ferry power station in Cheshire. Mini-MSW is built to 2mm Finescale (2FS) standards.

### **P4: Clutton by Tim Venton**

**Stand no.60**

Some 27 years ago a brave Chris Challis invited an embryonic Clutton to Railwells: bare boards and a temporary fiddle yard, but it was that faith that perhaps encouraged me to get on and build the rest of it. Well, the last time Clutton was at Railwells was 2001, and it has since been to a lot of shows, in fact this will be its 39th. I promised Chris that when it came to Clutton's retirement, Railwells would be the final ever show. That day has now come.

Clutton is a P4 layout, some 24'x7', representing a small station and part of a village on the Bristol & North Somerset line, and set in about 1952. Most trains were panniers and B sets, but you may see the Channel Islands Boat Express, the connecting service to Bristol from Frome. Trains run to a sequence under bell signals, correctly signalled, which was part of the original concept.



## SOCIETY STANDS and DISPLAYS

SOUTH WESTERN CIRCLE <a href="http://www.lswr.org">www.lswr.org</a>	Stand no. 3
DISPLAY of RAILWAYANA by Malcolm Barton	Stand no. 7
82D MODEL ENGINEERING SOCIETY	Stand no. 8
RAILWAY ART by Simon Bowditch	Stand no. 9
S&D RAILWAY HERITAGE TRUST (MIDSOMER NORTON STATION) <a href="http://www.sdjr.co.uk">www.sdjr.co.uk</a>	Stand no. 18
PENDON MUSEUM <a href="http://www.pendonmuseum.com">www.pendonmuseum.com</a>	Stand no. 20
WELLS RAILWAY FRATERNITY 50 <sup>th</sup> ANNIVERSARY <a href="http://www.railwells.com">www.railwells.com</a>	Stand no. 21
LYNTON & BARNSTAPLE RAILWAY <a href="http://www.lynton-rail.co.uk">www.lynton-rail.co.uk</a>	Stand no. 27A
WELLS RAILWAY FRATERNITY <a href="http://www.railwells.com">www.railwells.com</a>	Stand no. 29
MISSENDEN ABBEY'S RAILWAY MODELLERS' WEEKENDS <a href="http://www.missendenrailwaymodellers.org.uk">www.missendenrailwaymodellers.org.uk</a>	Stand no. 33
SCALESEVEN MEMBERSHIP <a href="http://www.scaleseven.org.uk">www.scaleseven.org.uk</a>	Stand no. 37
RAILWAY CHILDREN CHARITY <a href="http://www.railwaychildren.org.uk">www.railwaychildren.org.uk</a>	Stand no. 38
EM GAUGE SOCIETY MEMBERSHIP <a href="http://www.emgs.org">www.emgs.org</a>	Stand no. 46
EM GAUGE SOCIETY DISPLAY <a href="http://www.emgs.org">www.emgs.org</a>	Stand no. 48
SCALEFOUR SOCIETY MEMBERSHIP <a href="http://www.scalefour.org">www.scalefour.org</a>	Stand no. 57
SCALEFOUR SOCIETY DISPLAY <a href="http://www.scalefour.org">www.scalefour.org</a>	Stand no. 58

## DEMONSTRATIONS

2mm Association Roadshow by Paula Martin	Stand no. 4
Modelling in 2mm Scale by Andy Watson	Stand no. 5
Modelling the Broad Gauge by Paul Townsend	Stand no. 14
Modelling the Missenden Abbey Way by David Brandreth	Stand no. 32
Track Construction and Working in S7 by the Scale7 Group	Stand no. 36
Modelling in EM by Andrew Ulliyott	Stand no. 45
How to Solder by Roger Sawyer	Stand no. 47
Modelling in Scalefour: kit and scratch-built wagons by John Chambers	Stand no. 59

### Queen Street Deli home-made refreshments      Stand No. 61

**STOP HERE!** --- in the Refreshment Room to refuel ----- Refreshments available all day starting with breakfast baguettes, home-cooked cakes, sandwiches, ploughman's lunches etc.

## TRADERS

WELLS RAILWAY FRATERNITY SECOND-HAND BOOK SALES <i>All proceeds to Railway Children charity</i> <a href="http://www.railwells.com">www.railwells.com</a>	Stand no. 2
ROXEY MOULDINGS 58 Dudley Road, Walton-on-Thames, Surrey KT12 2JU <a href="http://www.roxeymouldings.co.uk">www.roxeymouldings.co.uk</a> 01932 245439	Stand no. 11
C&L FINESCALE 125 Reaver House, 12 East Street, Epsom, KT17 1HX <a href="http://www.finescale.org.uk">www.finescale.org.uk</a> 01372 745290	Stand no. 12
ASPIRE GIFTS & MODELS Unit 9, Court Farm Business Park, Buckland Newton, Dorset DT2 7BT <a href="http://www.aspiregiftsandmodels.co.uk">www.aspiregiftsandmodels.co.uk</a> 01300 345355	Stand no. 13
BROAD GAUGE SOCIETY SALES <a href="mailto:4mm_scale@broadgauge.org.uk">4mm_scale@broadgauge.org.uk</a>	Stand no. 15
RAIL-BOOKS.CO.UK 1, Rutland Drive, Morden, SM4 5QD <a href="http://www.rail-books.co.uk">www.rail-books.co.uk</a> 0208 648 7328	Stand no. 17

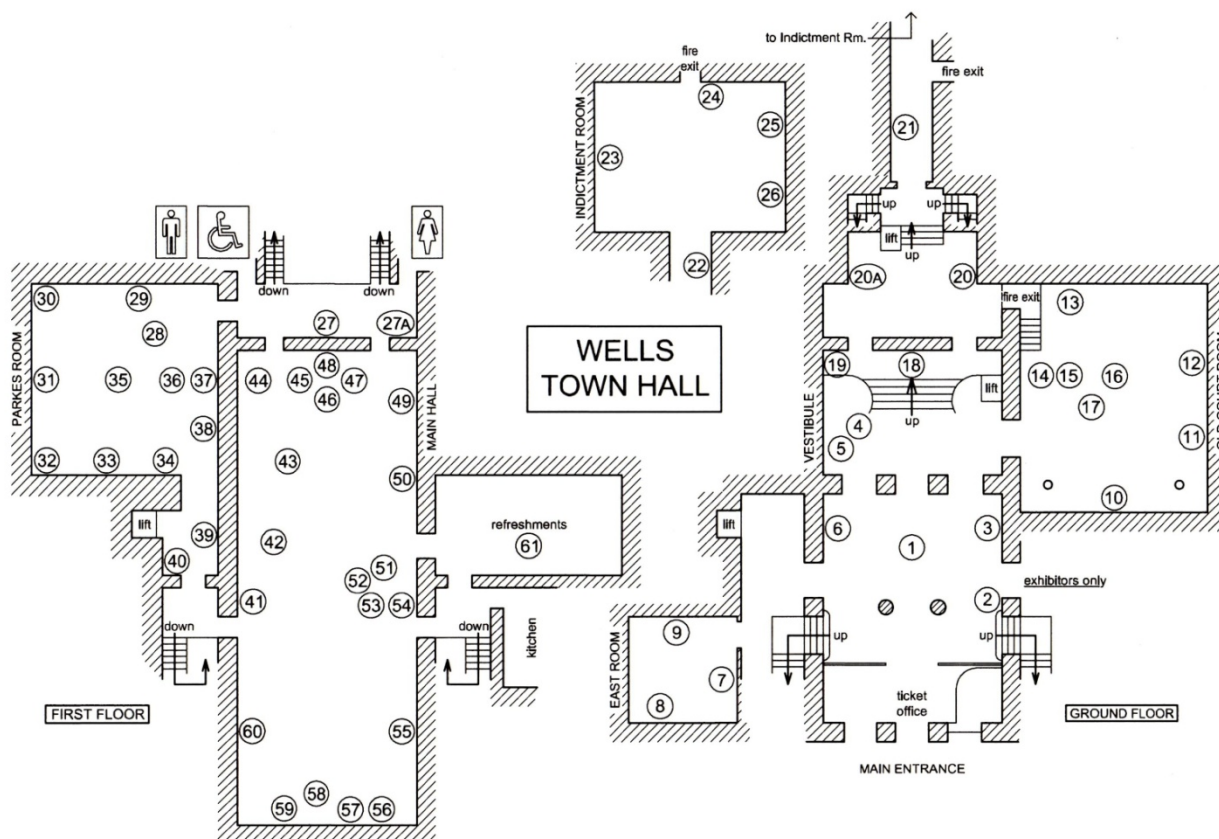
<b>S&amp;D HERITAGE TRUST SALES (MIDSOMER NORTON STATION)</b> <a href="http://www.sdj.co.uk">www.sdj.co.uk</a>	<b>Stand no. 19</b>
<b>MARTIN FINNEY: SALE of DAVE FINNEY'S EFFECTS</b>	<b>Stand no. 20A</b>
<b>COOPER-CRAFT</b> Broom Lane, Oake, Taunton TA4 1BE <a href="http://www.cooper-craft.co.uk">www.cooper-craft.co.uk</a> 01823 461961	<b>Stand no. 22</b>
<b>BRANCHLINES</b> P.O. Box 4293, Westbury, Wilts, BA13 9AA <a href="http://branchlines.blogspot.co.uk">branchlines.blogspot.co.uk</a> 01373 822231	<b>Stand no. 26</b>
<b>LYNTON AND BARNSTAPLE SALES</b> 16 Williams Close, Longwell Green, South Gloucs, BS30 9BS <a href="http://www.lynton-rail.co.uk">www.lynton-rail.co.uk</a> 01598 763487	<b>Stand no. 27</b>
<b>EAST SOMERSET MODELS</b> The Railway Station, Cranmore, Shepton Mallet BA4 4QP <a href="http://www.esmodels.co.uk">www.esmodels.co.uk</a> 01749 880651	<b>Stand no. 28</b>
<b>MODELU</b> 3 Tyn Y Sarn, Llanwnnog, Powys, Wales, SY17 5JF <a href="http://www.modelu3d.co.uk">www.modelu3d.co.uk</a> 07887 803737	<b>Stand no. 34</b>
<b>S&amp;D RAILWAY TRUST SALES and DISPLAY (WASHFORD STATION)</b> <a href="http://www.sdrtr.org">www.sdrtr.org</a>	<b>Stand no. 39</b>
<b>ATTWOOD AGGREGATES</b> Scale track ballast <a href="mailto:attwood.aggregate@yahoo.com">attwood.aggregate@yahoo.com</a> 07758 119871	<b>Stand no. 40</b>
<b>MOUSA MODELS</b> 745 High Road, Leytonstone, London E11 4QS <a href="http://www.mousa.biz">www.mousa.biz</a> 020 8133 7547	<b>Stand no. 41</b>
<b>DART CASTINGS (inc. MONTY'S MODELS and MJT)</b> 17 Hurst Close, Staplehurst, Tonbridge Kent TN12 0BX <a href="http://www.dartcastings.co.uk">www.dartcastings.co.uk</a> 01580 892917	<b>Stand no. 42</b>
<b>SCALEFOUR STORES</b> 120 Hayhurst Avenue, Middlewich, Cheshire CW10 0BD <a href="http://www.scalefour.org/stores/stores.html">www.scalefour.org/stores/stores.html</a> 01606 835708	<b>Stand no. 44</b>
<b>EILEEN'S EMPORIUM</b> Unit 19.12 Highnam Business Centre, Newent Road, Gloucester GL2 8DN <a href="http://www.eileensemposium.com">www.eileensemposium.com</a> 01531 828009	<b>Stand no. 50</b>
<b>TAFF VALE &amp; DRAGON MODELS</b> 20 Slade Close, Sully, Penarth CF64 5UU <a href="http://www.taffvale.wales">www.taffvale.wales</a> 02920 026122	<b>Stand no. 51</b>
<b>MINERVA MODELS</b> PO Box 244, Penarth, CF64 9FJ <a href="http://www.minervamodelrailways.co.uk">www.minervamodelrailways.co.uk</a> 02920 531246	<b>Stand no. 52</b>
<b>WIZARD MODELS (including Comet Models/MSE/51L)</b> P.O. Box 70, Barton upon Humber DN18 5XY <a href="http://www.wizardmodels.co.uk">www.wizardmodels.co.uk</a> 01652 635885	<b>Stand no. 55</b>

## WELLS RAILWAY FRATERNITY Meetings 2018-2019

All meetings are in Wells Town Hall, except 9<sup>th</sup> October, 7.30pm. For more details contact Andrew Tucker 01749 830695  
Non-members are always welcome at meetings (£4 each)

<b>2018</b>		
11 September	<b>Fires Dropped - the End of Steam on BR</b>	Les Nixon
9 October	<b>Anniversary Meal at Swan Hotel</b> followed by... <b>From Mozart to Moldova</b>	Colin Boocock
13 November	<b>The Unknown Warrior – the LMS Patriot Project</b>	John Borrowdale
11 December	<b>AGM</b> followed by <b>Quiz set by last year's winner</b>	Brian Neill
<b>2019</b>		
8 January	<b>Railways in New Zealand</b> followed by... <b>The Bristolian</b>	Chris Challis Roy Kethro
12 February	<b>The Berliner – British Military Train</b> followed by... <b>The Royal Train</b>	Douglas Beazer (both presentations)
12 March	<b>Crossrail</b> (provisional – postponed from last year)	Patrick Griffin
9 April	<b>Tourism and the Lake Branches</b>	Mike Peascod
14 May	<b>To Scotland for Steam – Part 1</b>	Brian Arman





FOR YOUR DIARY:

Next year's Railwells is on Saturday and Sunday August 10<sup>th</sup> and 11<sup>th</sup>, when we hope to see you again. Until then, we wish you a rewarding and successful year's modelling!

The WELLS RAILWAY FRATERNITY  
supports  
the RAILWAY CHILDREN charity

[www.railwaychildren.org.uk](http://www.railwaychildren.org.uk)