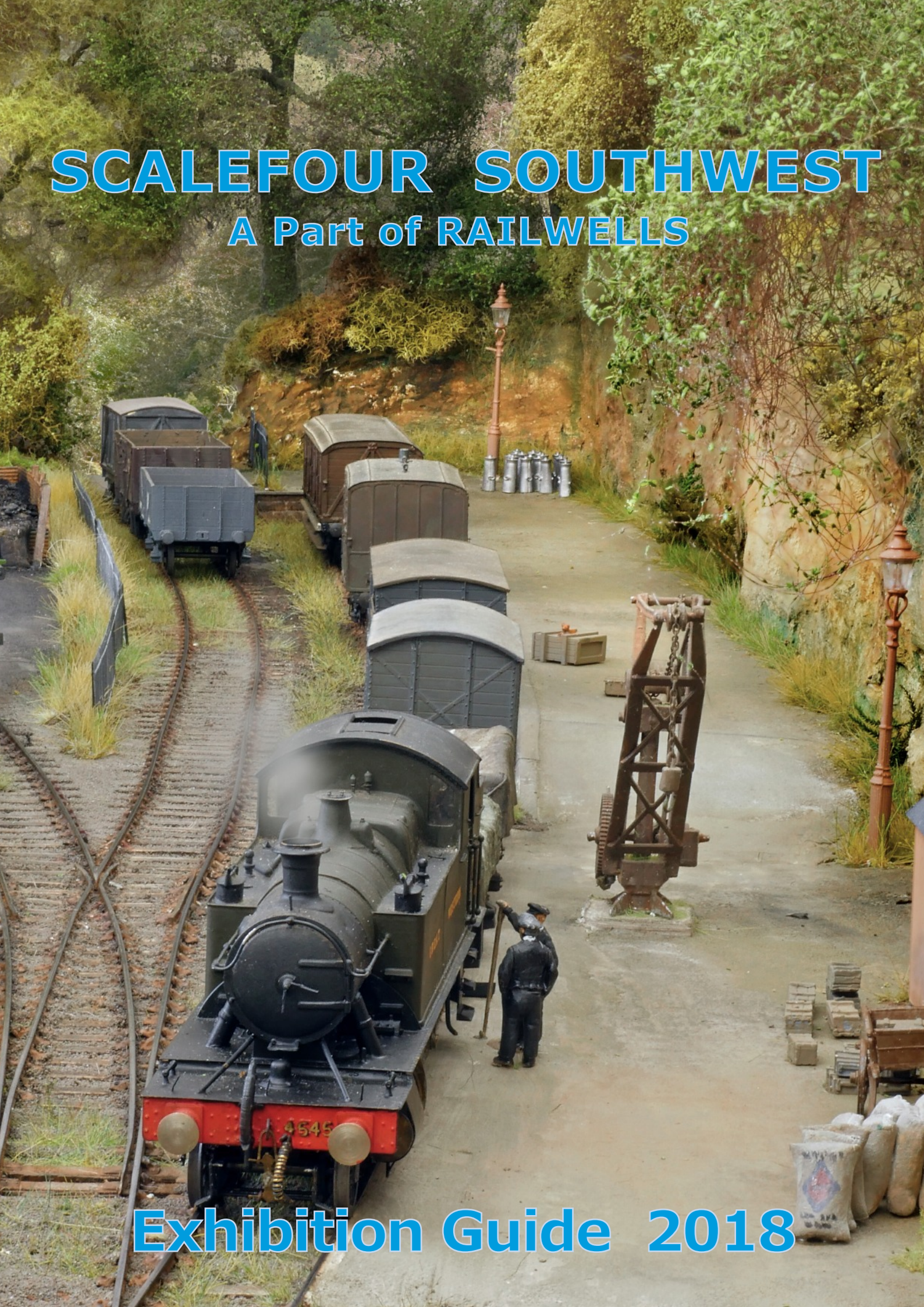


SCALEFOUR SOUTHWEST

A Part of RAILWELLS



Exhibition Guide 2018

SCALEFOUR SOUTHWEST 2018

A part of Railwells

The Town Hall, Market Place, Wells, Somerset BA5 2RB

Saturday 11th August - 10.30 to 17.30

Sunday 12th August - 10.30 to 16.30

Adult - £6.00

Wheelchair users/Children 14-17 - £4.00

Accompanied children under 14 - Free

www.railwells.com

Scalefour Society members can use their Saturday tickets on Sunday also, but must show their membership card and have their ticket endorsed on Saturday.

Cover: Lower Rose Goods by Steve Howe. Photo by Trevor Jones, courtesy Hornby Magazine.



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 '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 on the right 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, 20 traders plus demos and displays.

Refreshments by Queen Street Deli, Wells

Available all day, starting with breakfast baguettes, going on to ploughman's lunches and afternoon tea and cake.

Travel and Parking

Parking in Wells on a Saturday can be a problem, so if you visit on this day then take the bus or find a parking space and walk, as nothing is very far. Sunday is a quieter day both in the city and the exhibition. Parking this year should be available on Palace Fields, charge £3.00 per day. To get to Palace Fields follow the RAILWELLS PARKING signs. Any changes to this will be posted on the *Railwells* site.

About Wells

Wells, England's smallest city, was granted a Royal Charter by King John in 1201, awarding it the status of a free borough. Wells takes its name from the springs that rise in the gardens

of the Bishop's Palace; this water flows through the Conduit in the Market Place and on down either side of the High Street.

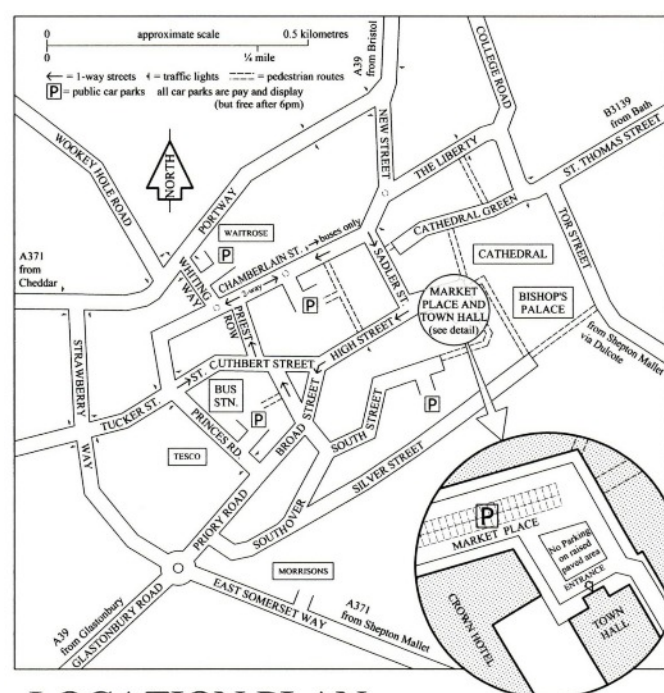
Nestling at the foot of the Mendip Hills, the city is a conservation miracle: its historic core preserved almost intact from the Middle Ages. The magnificent Cathedral of St Andrew and its green are jewels in a crown of ancient streets, glorious buildings and characterful shops. There is a good range of places to eat in the city from fish and chips to top class hotels.

Wishing to stay over the weekend?

The Wells Tourist Information Centre can be reached on 01749 671770 or www.wellssomerset.com.

This Guide was correct when going to press, some months in advance of the show. For the latest information please visit www.railwells.com or www.scalefour.org/scalefoursouthwest.

Organizer: Chris Challis 01749 938362



LOCATION PLAN

TOWN HALL, MARKET PLACE, WELLS, SOMERSET BA5 2RB

Vehicle access to the Market Place is only possible via Sadler Street (from either New Street or The Liberty)

Clutton



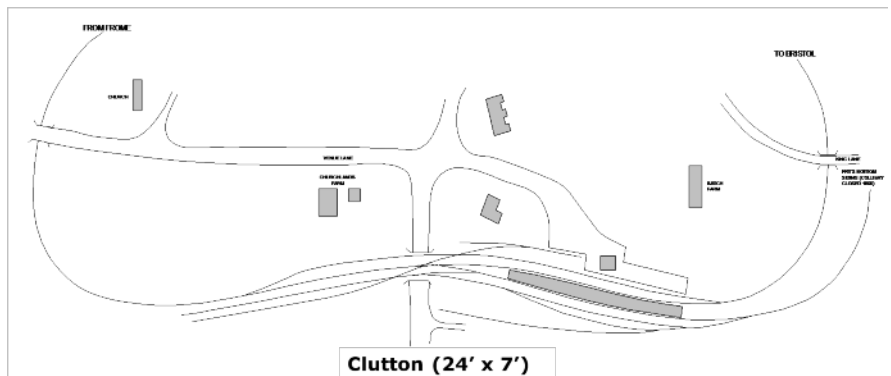
Photo: Tim Venton

Presented by
Tim Venton

CLUTTON station is a personal project by Tim Venton, depicting a passing station on the Great Western branch between Bristol and Frome. Tim was inspired by Barry Norman's *Petherick* and by Pendon. To him the train is a part of the landscape, the station must have its village and the railway must be operated correctly.

He started the project in 1989 by building the lever frame. Baseboards are built of stressed plywood, supported on a ladder sub-frame. The whole layout rests on just four trestles. Trackwork comprises individual chairs glued onto plywood sleepers. All signals, including the ground signals and the running line points, are worked by the interlocked lever frame, which represents the actual frame in Clutton Signal Box. The single main lines are controlled by representations of the electric key token instruments. These are interconnected with the lever frame, so that to start the train requires the issuing of a token and electrically releasing the lever. The signalman sits in front in full view so you can see what goes on.

Representative trains pass through the station to a sequence. If you see a lot of tank engines and B-sets, well that is exactly what would have been seen in the 1950s. Freight was also important, with coal from the Somerset collieries that were connected to the line passing through. The principal up freight was the 5.00pm ex-Radstock which had to lie over at *Clutton* while several passenger trains passed it. You may also see the 5.55 up Channel Islands Boat Express, usually a pannier tank and B-set! This only stopped at Radstock and Pensford, passing *Clutton* at reduced speed to pick up the token. Down freights sometimes shunted at *Clutton*, dependent on traffic.



"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."

— Tim Venton



A Clutton Retrospective

Above Left:

Above Right:

Left:

First appearance at *Railwells* 1992.

In 2000, with scenic work progressing.

A similar viewpoint in 2010 with the scenery completed.

All photos by Tim Venton



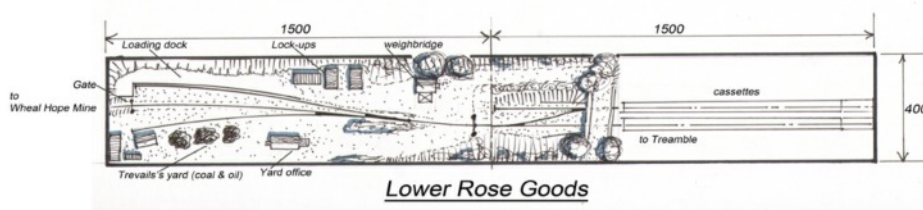
LOWER ROSE GOODS is intended to represent a rural goods depot during the inter-War years, off the much loved and much missed Chacewater to Newquay line. The Treamble valley, like others around the Perranporth area, has seen considerable mining activity over the years, some of which continued into the early 20th century. About a mile and a half south of Treamble and higher up the valley lie the remains of Wheal Hope, a speculative copper and lead mine begun before 1820 and worked intermittently during the first half of the 19th century. With no commercial success, operations ceased sometime in the 1870s.

It is imagined that Wheal Hope had lived up to its name and become a somewhat more prosperous concern than was actually the case. So much so that the Cornwall Minerals Railway extended its Treamble Branch up the valley to service the mine's needs. The remote and rural area around Goonhavern and Rose could have warranted a goods depot to service its domestic and agricultural needs. Accordingly public loading facilities were constructed at Lower Rose where the line crossed a public road, and the branch continued a further quarter of a mile to Wheal Hope itself. A

weighbridge, a lock-up store and office, lightweight crane and loading gauge were provided and the points to the run-round loop were connected to a small ground frame. As the branch was always operated 'one engine in steam' signals were not provided.

Part of the yard was quickly leased by the local haulage merchants – R. J. Trevail & Son of Rose – as a location for a coal depot and a yard office, and various storage sheds were built. The convenience of being able to supply the outlying district from a central railhead proved highly lucrative, to the extent that Trevail's decided to expand their business into oil supplies. Much of the district at that time relied on candles or oil for lighting or cooking, including a number of substantial hotels and boarding houses near the coast. Consequently in 1912 a 3000 gallon tank was erected in the coal yard with attendant pump house, stand pipe and can store. The oil was dispensed in 1 or 5 gallon cans or 50 gallon drums and was sold either from the yard or from the delivery lorry. Trevail's were also aggregate dealers and loads of crushed roadstone, bricks and cement were regularly delivered by rail.

This additional traffic may have prevented the Treamble Branch from closing in 1917, continuing as a freight-only line serving the remote rural area into the late 1920s – early 1930s which is when the layout is set.



SITUATED in the north-west corner of Wales, on the Llyn Peninsular, *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 is intended to give an impression of the station and its surrounding area as it appeared between 2000 and 2012 just prior to the European Railway Traffic Management System of in-cab signalling coming into operation, with a regular diesel multiple unit passenger service, interspersed with an occasional heritage rail tour or engineers' train.

Buildings and associated details have been laser cut from MDF, Rowmark and other materials using drawings created in AutoCAD. Where possible, these drawings are based on actual plans obtained through Gwynedd Council, or where these are unavailable, from photographs or a Google street view survey.

Locos and rolling stock are based on prototypes recorded as running on the line during the period modelled. These are predominately RTR models from Bachmann, Dapol, Heljan or Hornby, converted by the fitting of P4 wheels. The layout is operated by DCC using NCE equipment. Turnouts are driven by servos controlled through an ESU switch pilot servo configured for analogue input.

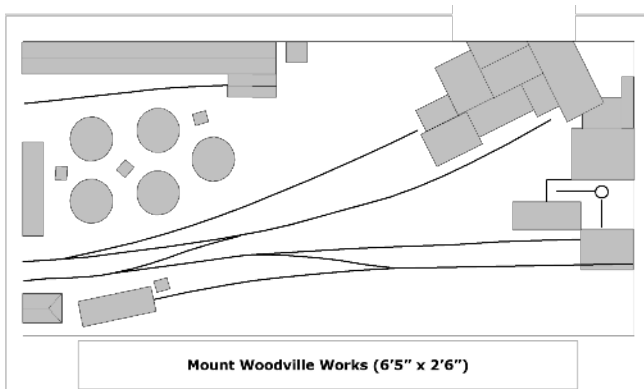


PWLLHELI (18' x 2')



Mount Woodville Works

Presented by Rob Milliken



Photos: Rob Milliken



Demonstrations

Modelling in Scalefour

John Chambers

John will be happy to offer assistance and advice on P4 modelling, whether you are dipping your toes in the water for the first time or you have a thorny problem to solve with some challenging aspect of your latest layout.

How to Solder

Roger Sawyer

Soldering is often referred to as one of the 'Dark Arts' of railway modelling. However, it need not be frightening. Roger will demonstrate how easy it is, provided that you follow some basic rules.

Working in ScaleSeven The ScaleSeven Group

Building one's own trackwork is fundamental to railway modelling when using an accurate track gauge. Here the tools and techniques used for track construction will be on show.

Modelling in EM

Andrew Ulliyott

Well known for his layouts of *Weston-super-Mare* in EM and *Wheal Elizabeth* in P4, Andrew will demonstrate techniques applicable to modelling in 4mm scale.

Broad Gauge Modelling

Paul Townsend

Paul will be showing some 4mm broad gauge models under construction using recent, comprehensive Broad Gauge Society kits as the basis. He will show that broad gauge modelling can be reasonably easy, based on the recommended P4 track and wheel standards, although some experience in building finescale kits is an advantage.

2mm Association Roadshow

Paula Martin

This scale has a long history as the smallest practical finescale standard, and the Association exists to promote and facilitate modelling to the ratio of 2mm:1ft. Members gain access to a

wealth of knowledge and to a wide, exclusive range of jigs, kits and components to support working in this fascinating scale. Be prepared to be truly amazed at the level of detail achieved by modellers working in 2mm scale.

Wagon Construction

Gavin Clark

Making accurate models of wagons is a increasingly popular aspect of the hobby. Gavin will be on hand to demonstrate how he gets the best from the extensive range of detailing parts that is now available. Scratchbuilding techniques are still always useful, though, and these can be combined with proprietary items to get a fantastic result.

Modelling the Missenden Abbey Way

David Brandreth

Modellers who attend the popular events at Missenden Abbey will be aware of the trail of idyllic rural carriageways that lead to this most relaxed of venues. Using a mixture of materials and techniques, David will show how to recreate the various road surfaces, drainage features, markings and potholes that combine to make up the Missenden Abbey Way in miniature. He may also dispense a few tips about metal kit construction.



Right: A departure from Lower Rose Goods

Scalefour Southwest by Public Transport

There is now a half-hourly bus service to Wells from Bristol. The bus is the Mendip Xplorer service 376 from Bristol to Wells, Glastonbury and Street. For those travelling by train, the bus stop at Bristol Temple Meads is at the bottom of the station approach on the left. In Wells the bus stops at the HSBC bank 150 yards from the Town Hall. For the return journey, it is best to go to Wells bus station, or ask at the exhibition ticket office.

Buses to Bristol depart Wells bus station at 02 and 32 minutes past each hour on both days until 1732 on Saturday, and 1632 on Sunday. Thereafter the service is hourly; on Saturday from 1830, and on Sunday from 1730. The bus is normally a comfortable double-decker and, appropriately, in a dark shade of Somerset and Dorset Joint Railway blue.



Above: The bus to Scalefour Southwest. Photo by Chris Challis.

Displays and Information

82D Model Engineers

Displayed will be: a Kerr-Stewart narrow gauge loco and contractors wagons; a GWR Manor under construction running on compressed air; and a West Country Bullied Pacific *City of Wells* under construction.

Lynton & Barnstaple Railway

Opening in 1898, the Lynton & Barnstaple Railway in North Devon is considered one of the world's most famous and picturesque narrow gauge railways. Despite its attraction, it closed in September 1935 due to declining passenger numbers. After many years of closure, passengers can once again travel along a part of the original route above the Heddon Valley near Parracombe, and are able to experience a taste of what is intended to one day become one of the ultimate heritage railway experiences of the world! www.lynton-rail.co.uk

Malcolm Barton

Display of Railwayana.

Missenden Abbey's Railway Modellers

Learn new skills and develop existing ones under the guidance of some of the best-known names in finescale modelling, including Bob Alderman, Barry Norman, Ian Rathbone, Tim Shackleton, Norman Solomon, Tim Watson and others. Whatever your scale/gauge preferences we offer bespoke courses catering for all the key aspects – loco building, trackwork, scenics, DCC/electronics, painting and lining, weathering, etc. There are three gatherings a year, each with a different blend. It's very much a hands-on, practical experience in the company of modellers who enjoy the good

things in life (and modelling) just as much as you do. Find out more at www.missendenrailwaymodellers.org.uk.

Pendon Museum

'Britain's best landscape diorama' – as described by Jane Insley (curator, Science Museum, London) – uses highly-detailed models to bring the past to life in 1:76 scale. Watch authentic trains cross the Dartmoor scene with informative commentaries and visit the Vale of White Horse from the 1930s. Visit www.pendonmuseum.com for more details.

Railway Children Charity

This charity provides protection and opportunity for children with nowhere else to go and nobody to turn to. Every year thousands of children across the UK, India and East Africa run away or are forced to leave homes that have become unbearable through poverty, abuse, violence and neglect. Reaching a child as soon as possible is crucial to getting to children on the streets before an abuser can, and before they become entrenched in street life. Find out more at www.railwaychildren.org.uk.

Simon Bowditch, Member of the GRA

Showing a display of fine line and wash railway pictures.

Somerset & Dorset Railway Heritage Trust

A short heritage railway located at the restored station of Midsomer Norton. More information can be found at www.sdjr.co.uk.

South Western Circle

We are a society for railway historians and enthusiasts interested in the London & South Western Railway (LSWR). With a membership of over 500, we aim to enhance knowledge of the LSWR and its successors with research and our quarterly publication of the Circle's magazine *South Western Circular*. Modelling activities have a high profile, with a sales service, and comprehensive drawing service, photographic and portfolio collections. We hold four meetings a year on Saturdays, featuring illustrated talks on subjects related to the LSWR. For more information on joining, please speak to one of our members at our stand or see our website www.lswr.org.

Wells Railway Fraternity

The Fraternity is a railway meeting organization, with meetings from September to May on the second Tuesday of each month here in Wells Town Hall. Stop at this stand to find out more. On display will be photos of last year's outings, and the next season's meeting programme will also be available. More information can be found at www.railwells.com.



*Mount Woodville Works
Photo: Rob Milliken*

Other Scales - Other Gauges

T Scale

T scale Bridge Siding Roger Orpwood

A demonstration, magic micro scene, of this very small scale.

2mmFS

Bodmin & Wadebridge Railway John Greenwood

A rare chance to see seven layouts in one: a true railway system.

Bordesley North Jim Alwood

Minimum space layout with high level station and lower level cement terminal.

Callaton Mick Simpson

Situated north of Newcastle in the 1970s.

Mini-MSW Alan Whitehouse

The first showing of Alan's revamped layout that is inspired by the Woodhead Route.



Worlds End
Photo : Peter Goss

N Gauge

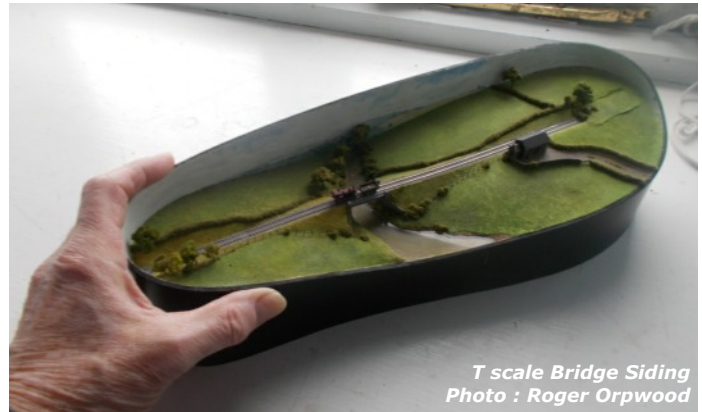
Ashburton John Birkett-Smith

This delightful scene is set in the 1930s.

3mm

Ballyconnel Road 3mm Irish Group

Great Northern Railway Ireland 1955.



T scale Bridge Siding
Photo : Roger Orpwood

009

WW1 Trench Railway Callum Wilcox

The Battle of Amiens 1918, a poignant reminder of 100 years ago.

Wantage Tramway Richard Holder

An interpretation of what the Upper Yard, Mill Street of this narrow gauge tramway might have looked like at 2'3" gauge.

00

Worlds End Peter Goss

North Yorkshire 2005-2015.

EM

Navigation Road Clive Hunt

North East London 1970s.

O Gauge

Paxtol Road Tim Tincknell

Col Stephens inspired light railway in the 1930s.



WW1 Trench Railway
Photo: Callum Wilcox

You can compare and contrast the scales with the help of the following specialists:

The 2mm Association

For information visit www.2mm.org.uk

The EM Gauge Society

For information visit www.emgs.org

The 3mm Society

For information visit www.3mmsociety.org.uk

The ScaleSeven Group

For information visit www.scaleseven.org.uk

Scalefour Southwest Trade Support

Stock up with all those essential items!

ASPIRE GIFTS & MODELS

Unit 9, Court Farm Business Park, Buckland Newton, Dorchester,
Dorset DT2 7BT
www.aspiregiftsandmodels.co.uk 01300 345355
RTR models, accessories and DCC supplies

ATTWOOD AGGREGATES

Attwood.aggregate@yahoo.com 07758 119871
Scale track ballast

BRANCHLINES

PO Box 4293, Westbury, Wiltshire BA13 9AA
www.branchlines.blogspot.co.uk 01373 822231
Rolling stock kits, motors, gearboxes and wheels

BROAD GAUGE SOCIETY SALES

4mm modelling sales officer: 4mm_scale@broadgauge.org.uk
www.broadgauge.org.uk/modelling/bgs_parts_prices_4mm.html
Kits and supplies for modelling the broad gauge. Pre-orders only.

C&L FINESCALE

74 The Crescent, Epsom KT18 7LL
www.finescale.org.uk 02920 026122
Trackwork components

COOPER-CRAFT

Broom Lane, Oake, Taunton TA4 1BE
www.cooper-craft.co.uk 01823 461961
Etched and plastic rolling stock kits

DART CASTINGS (including MONTY'S MODELS and MJT)

17 Hurst Close, Staplehurst, Tonbridge, Kent TN12 0BX
www.dartcastings.co.uk 01580 892917
Scenic modelling supplies and rolling stock accessories

DRAGON MODELS WALES

20 Slade Close, Sully, Penarth CF64 5UU
www.dragonmodels.wales.co.uk 02920 026122
Etched rolling stock kits and transfers

EAST SOMERSET MODELS

The Railway Station, Cranmore, Shepton Mallet BA4 4QP
www.esmodels.co.uk 01749 880651
RTR models and accessories

EILEEN'S EMPORIUM

Unit 19.12 Highnam Business Centre, Newent Road, Gloucester GL2 8DN
www.eileensemporium.com 01531 828009
Tools, painting and scratchbuilding supplies

LYNTON AND BARNSTAPLE SALES

16 Williams Close, Longwell Green, South Gloucestershire, BS30 9BS
www.lynton-rail.co.uk 01598 763487
Preservation information and fundraising

MINERVA MODELS

PO Box 244, Penarth, CF64 9FJ
www.minervamodelrailways.co.uk 02920 531246
RTR 7mm locomotives

MODELU

3 Tyn y Sarn, Llanwnnog, Powys, Wales SY17 5JF
www.modelu3d.co.uk 07887 803737
3D printed figures and detailing components - scanner available

MOUSA MODELS

745 High Road, Leytonstone, London E11 4QS
www.mousa.biz 020 8133 7547
Rolling stock kits and components

RAIL-BOOKS.CO.UK

1 Rutland Drive, Morden, Surrey SM4 5QD
www.rail-books.co.uk 0208 648 7328
New and secondhand books and periodicals

ROXEY MOULDINGS

58 Dudley Road, Walton-on-Thames, Surrey KT12 2JU
www.roxeymouldings.co.uk 01932 245439
Rolling stock kits, painting and soldering supplies

SCALEFOUR STORES

120 Hayhurst Avenue, Middlewich, Cheshire CW10 0BD
www.scalefour.org/stores/stores.html 01606 835708
Supplies for the discerning modeller

SOMERSET & DORSET RAILWAY HERITAGE TRUST

Midsomer Norton Station, Silver Street, Midsomer Norton BA3 2EY
www.sdjr.co.uk
Somerset & Dorset Railway related books, DVDs etc.

WELLS RAILWAY FRATERNITY SECOND-HAND BOOK SALES

All proceeds in aid of The Railway Children charity
www.railwells.com
Book sales for a deserving cause

WIZARD MODELS (including COMET MODELS & MSE/51L)

P O Box 70, Barton-upon-Humber DN18 5XY
www.wizardmodels.co.uk 01652 635885
Rolling stock and signalling kits, components and supplies



Pwllheli
Photo: Jonathan Buckie