



SCALEFORUM 2014 EXHIBITION GUIDE



Scaleforum 2014

**Stoke Mandeville Stadium
Stadium Approach
Mandeville Road
Aylesbury
HP21 9PP**

Saturday 27th September 2014 10.30am – 5.30pm
(Advanced ticket holders from 10.15am)

Sunday 28th September 2014 10.00am – 4.30pm
(Advanced ticket holders from 9.45am)

Welcome to Scaleforum 2014. Welcome also to our new and larger venue at Aylesbury where the exhibition is on one level and we have more space to bring you some of the very best of modelling in 4mm scale.

The organising team hopes that you will have a very enjoyable time at the exhibition. We have assembled a wide range of layouts representing all periods of railway history and these are supported by traders, demonstrators and other exhibits. Layouts on display cover a wide time-frame from the pre-Grouping era to the more contemporary scene. This year our special theme is on modelling gauges other than the standard 4 feet 8 ½ inches and so we have examples featuring Brunel's broad gauge, Irish railways at 5 foot 3 inches and 3 foot gauge with some mixed gauge track, and some fiendish triple gauge track work from Brian Harrap, which only he can explain!

Whilst *Scaleforum* is organised primarily for members of the Society, we welcome the many visitors who are not members and hope that you will find much of interest. For those who may be interested in joining the Society the Membership desk will be found in the Society area near to the main entrance to the hall. Anyone who joins at the show will get a reduced admission fee.

We aim to provide an opportunity for all those who are interested in model railways to meet, talk, exchange ideas and be impressed by the high standard of modelling on display. To encourage discussion there are no barriers around the layouts so please feel free to talk to layout operators and to those who are demonstrating since sharing information is what the show is about.



Scaleforum 2013
Photo: Philip Hall

General information - The show is all on one level which will make it easy to find everything and to move around. All the exhibits will be found in the main hall with the lecture room being just outside. Refreshments will be found in the café just off the entrance foyer. For those who want a seat, please feel free to use the viewing gallery which is accessible by a lift and stairs near to the main entrance.

Name badges - Printed name badges are available for any Society member who requires one. To obtain a badge please contact the Membership Secretary, Danny Cockling in advance of the exhibition to order your badge and collect it from the Membership Secretary's stand when you arrive.

Guidance and security - The exhibition help desk will be found next to the Scalefour Society stand near to the main entrance, and this should be the first point of call for anyone who has queries about the show or where to find a stand. Committee members and the organising team will be wearing name badges. Stewards will be found around the exhibition and can be identified by blue tabards. If you need help, directions or have an emergency please ask at the help desk, any steward, or anyone with a name badge. Please look after your own coats and bags and report anything suspicious to the help desk, any steward, or anyone with a name badge.

First aid will be provided by the Stadium staff. In the event that this is needed, please ask at the help desk, any steward, or anyone with a name badge.

A public address system will be in operation and can be used to relay urgent messages. If you need to get a message to someone please ask at the help desk or the Society Stand.

Photography is permitted but please check with the layout operators or anyone else before taking pictures. Please note that the use of tripods is restricted to the official photographers working on behalf of the Society and accredited magazine staff only. We would ask that photographers ensure that their activities do not restrict the viewing of layouts by visitors.



Triple-gauge track on Axalp
Photo: Brian Harrap

Accessibility - The building was designed for use by athletes who use wheel chairs or who have other mobility difficulties and is all on one level. There is good provision for toilets for those with disabilities. Wheelchair users who may not be able to see all the layouts clearly will be admitted at the same rate as for Society members. Carers who assist people with registered disabilities will be admitted to the exhibition free of charge. In order to give care to those with disabilities we would ask that anyone who uses a backpack to carry this, in order to avoid the risk of harm to wheel chair users.

Smoking is not permitted anywhere in the stadium building.

Acknowledgements - The organising team wish to thank all those Society members and our guests who have brought layouts along or who have put on demonstrations and the staff of the Stoke Mandeville Stadium for their support in staging this event. We would also like to thank the Committee of the Scalefour Society for their support in the planning leading up to the event.

Scalefour Society Area



The Society area is the place where you will find members of the Committee, so if you are already a member do stop to have a chat. We will be pleased to deal with any queries that you might have or suggestions about how the Society is run and how we might do things better. If you are not a member come and talk to us anyway, find out what the Society is all about and the benefits of membership. More importantly, if you have any queries about any aspect of railway modelling this is the first port of call to ask for assistance. If we cannot help immediately we will point you in the direction of someone who can.

In the Society area you will find our [Membership Secretary](#), Danny Cockling, who will be pleased to tell you all about membership, deal with queries from existing members and enrol new members.

Left: Danny Cockling behind the Society stand

Photo: Philip Hall

The Competitions

Chairman's Cup winning Class 31, by James Wells

Photo: Philip Hall



The [Chairman's Cup](#) aims to develop high standards of modelling skills by members of the Society. To encourage this, the Society will award the Chairman's Cup to the builder of the model which, in the opinion of the judges, best illustrates the visual characteristics of the full size equivalent that it represents. Entries for this competition will be on display in the Society area.

The [Deputy Chairman's Cup](#) aims to encourage technical innovation in railway modelling. The award will be made to an individual or to a company who, in the opinion of the judges, has produced an innovation, device, jig or other modelling aid that enhances or improves railway modelling or makes a process easier, quicker or more accurate. Details of the entries for this event will be in the Society area.

The [Members' Showcase](#) will be found in the Society area and allows members to display models that they do not wish to enter into a competition. Any member of the Society can put models on display.

The [Eileen's Emporium prize](#) is sponsored by Derek Russan of [Eileen's Emporium](#) and will be awarded for the best example of a scratch built model of any type seen at the show and will consist of a £50 voucher to be spent at Eileen's Emporium. Entries may be made at [Scaleforum](#) and may be a model that has been entered for another competition, a model on a layout, on a demonstration stand or anywhere else within the show. The model should be essentially scratch built from any materials but the use of bought-in items such as wheels is permitted. The judges will be looking for the item that best exemplifies the Society's approach to finescale modelling.

The [Model Railway Journal Chalice](#) was established in 1986 to mark the Society's tenth anniversary and is awarded by Wild Swan Publications. No formal entry is required as the judges, who are appointed by [MRJ](#), will select the winner from anywhere in the show, on a layout, from one of the trade stands, demonstrators or another competition. The judges will be seeking models which show excellence in 4mm scale modelling.



SR substation, by Matthew Farrell

Photo: Philip Hall



LNER O2 2-8-0, by Tom Mallard

Photo: Philip Hall

Front cover pictures

Upper: Lowburn Park, by Nick T. Smith

Lower: Calcutta Sidings, by Tim Horn

The [York Trophy](#) is presented in memory of the late Ken York and is awarded to the layout which, in the opinion of those attending, is the most interesting or gives the most pleasure. This means exactly what it says and does not necessarily mean the best technically or the best modelled layout. Therefore an incomplete or beginner's layout has as much chance of winning as one which is complete or well established. The trophy will be awarded to the layout gaining the most votes from the visiting public. Please take time to cast your vote on the form issued to you on your arrival.

Anyone wishing to enter any of the competitions or put items in the showcase should contact Terry Bendaal who will provide details of what is required.

Special Guest Gauge/Scale of the Year Modelling in Broad, Narrow and Mixed Gauges

Whilst many Society members model standard gauge prototypes there are some who like to do things differently. In acknowledgement of the skills and expertise of those who work to something other than standard gauge we welcome the following to [Scaleforum](#) this year.

John Crompton is modelling Irish Railways to 4mm scale and is building a layout that includes the standard Irish gauge of 5' together with 3' gauge track. Some mixed track is also used. John will be bringing a demonstration board showing the track that he has made and a selection of locos and stock.

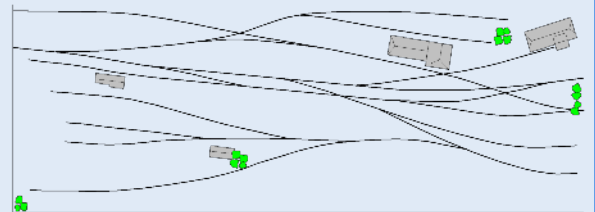
At the other end of the range of gauges, Paul Townsend is modelling Brunel's broad gauge and will be bringing part of his layout representing Dartmouth in the 1870s with mixed gauge

Paul Townsend with one of his broad gauge models
Photo: Philip Hall

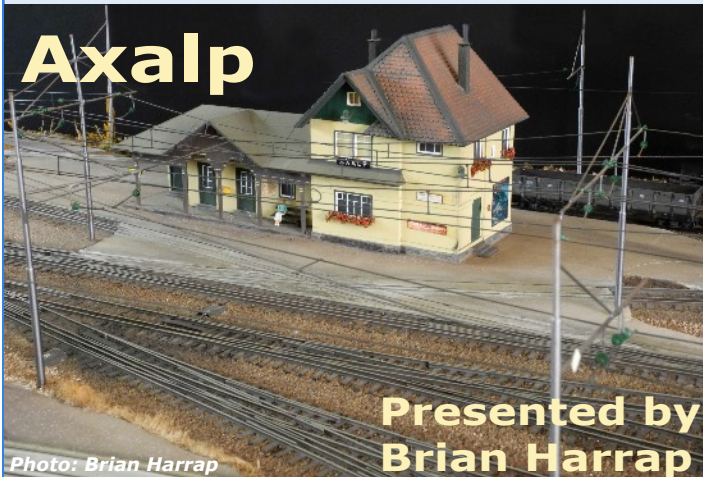


7' 1/4" and 4' 8 1/2" track under construction with all track built to P4 standards. This includes Olton Bridge which forms an entry under the Standard Gauge Workbench rules. The entire model will be about 30' long when exhibited.

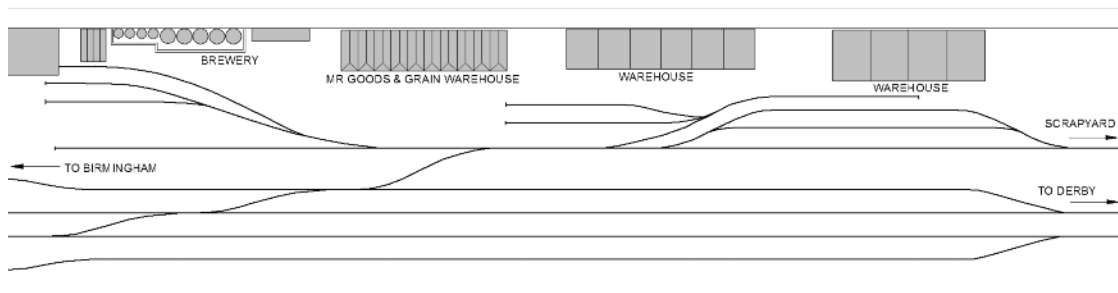
In between these we welcome back to [Scaleforum](#) for the fifth successive year Brian Harrap, this time with *Axalp*. Built to [P87 standards](#) and based on European practice, the layout features three different gauges of track including some triple gauge track which only Brian can explain.



AXALP (8' x 2'6")



CALCUTTA SIDINGS is set in the period 1989 – July 1991. This places it between the demise of the Class 45s and the late delivery of the Class 60s, which also coincides with the last years of Speedlink operations. The layout itself is based around the Burton upon Trent area whilst the trains depicted assume that the service to the breweries lasted longer than it did in reality. All the traffic into the yard did exist on the British Rail system at the time. The trackwork is a mixture of [Colin Craig](#) flat bottom pointwork and track, Exactoscale concrete track bases along with [C&L](#) chairs, ply sleepers and rail and jigs from the [EMGS](#) stores. The layout is fairly unusual in that an earlier version was built to [EM standards](#). It also uses a fiddle yard designed to be used by two other layouts of a similar size. Phil and the other operators will be pleased to answer any questions that you may have about the layout.



CALCUTTA SIDINGS (52' x 17')

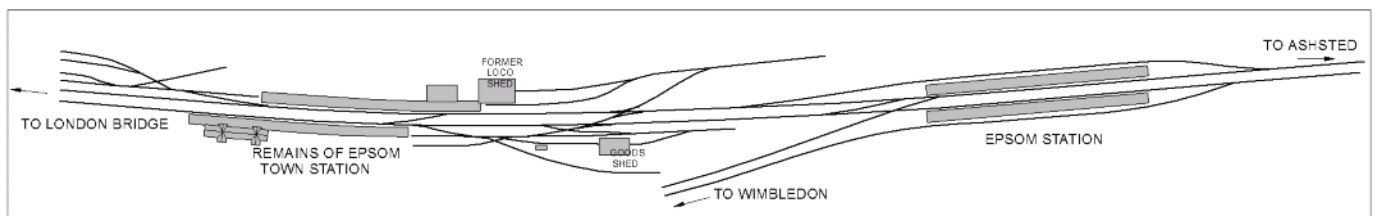
EPSOM AND EPSOM TOWN represents the work of one person over 20 years and depicts the re-build of the erstwhile LSWR station at Epsom by the Southern Railway and the demise of the former LBSCR station.

Set in 1928-29 at the time when both stations were in use, Epsom station at that time only had the third rail reaching as far as the East Street Bridge, and later in 1929 the third rail was extended to Sutton. The small gap between these two events allows steam hauled passengers services to be modelled since after 1929 all passenger workings were handled by electric stock.

Baseboards are of plywood monocoque construction, and the track is of ply and rivet construction. All of the buildings and signals on the layout are scratchbuilt using various materials with reference to old photographs and books, with the stock constructed from both kits and heavily modified ready to run vehicles.



**Presented by
Bob Cummins**



EPSOM AND EPSOM TOWN (58' x 3')

Knutsford East Junction

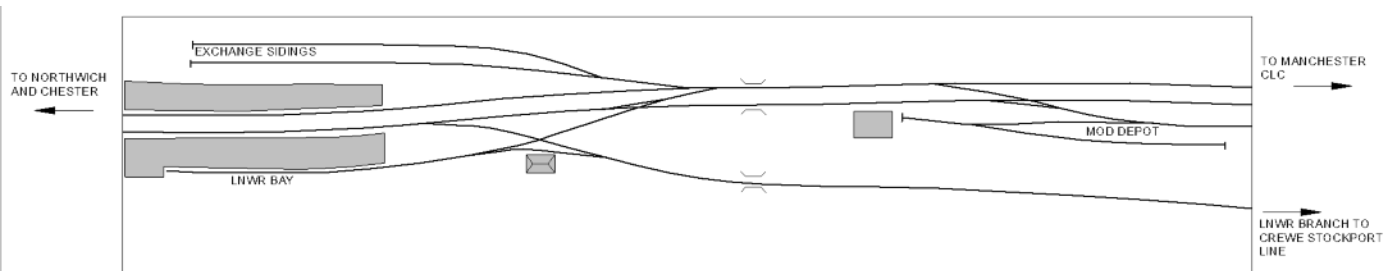


**Presented by the
Crewe Area Group**

KNUTSFORD EAST is well known in Society circles and its appearance at [Scale-forum](#) is likely to be its last exhibition appearance.

The layout represents how a might-have-been branch from the Crewe-Stockport line might have terminated at Knutsford station, part of the Cheshire Lines Committee empire.

The timeframe is late 1947, just prior to the LMS and the CLC losing their separate identity, with the operation of trains including actual CLC workings. Although the traffic shown is limited, the main interest lies in how it was handled within the restricted track layout which represents a typical CLC wayside station.



KNUTSFORD EAST JUNCTION CLC (27' x 3'3")

IN contrast to the two large layouts at Scaleforum this year, **LLANASTR** is one of the smallest and hopefully shows that almost anyone should be able to find space for a layout.

Llanastr is a small industrial town at the head of the Rhymni Fach valley on the northern rim of the South Wales coalfield. Its station was the terminus of a branch of the Brecon and Merthyr Railway, which diverged from the line between Newport and Rhymney just north of New Tredegar.

The model represents half of the station; the remainder is imagined to be beyond the road bridge. This subterfuge was intended to enable quite a lot of railway to be put in quite a small space without giving too cramped an air to the layout.

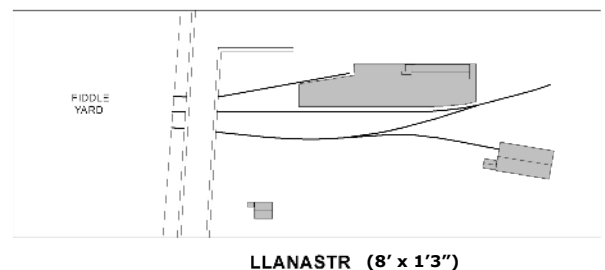
The structures are based on prototypes alongside the B&M at Rhiwderin, Machen and Rhymney. Stock is fitted with [Alex Jackson couplings](#) and we would be pleased to demonstrate how they work. The layout was built over twenty five years ago to fit in a small shared flat and was featured in the *Model Railway Journal* Nos. 2 and 4.

The period depicted is a winter just before the outbreak of war in 1914 when the coal industry was at its peak and frequent coal trains can be seen reversing in the station on their journey from pit to port. The town also enjoys a regular service of passenger trains both direct to Newport and to connect with Newport to Brecon trains at Pengam (Mon.).

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Somehow Llanastr has escaped the attentions of cartographers from [John Speede](#) through the Railway Clearing House and even now eludes the satellite mapping techniques of the Ordnance Survey and Google Earth.

Please ask questions, either in English or the [Language of Heaven](#), as a little conversation is very welcome to break up the monotony of operating the same two points and three lateritious engines all day.



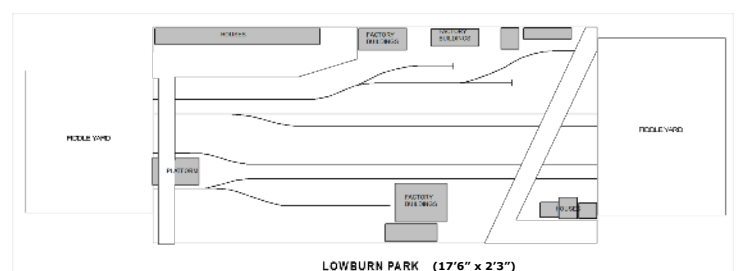
IN 1904 the North Eastern Railway began operation of its electric multiple unit stock from Newcastle Central station to the coast using a third rail d.c. system. Alongside this the goods branch from the East Coast main line at Trafalgar yard to the quayside, which ran mostly in a tunnel, was also electrified opening a year later in 1905. Two 0-4-4-0 steeple cab locomotives, numbers 1 and 2, were built by British Thomson-Houston Co Ltd to operate this branch. One survives to this day and is part of the national collection.

That is the real history but, in this imaginary Newcastle, it was decided to continue the third rail through Central station and Forth goods yard then lay a separate goods line parallel to the North Tyne route of the NER. That line actually existed and ran from Newcastle Central station westward before joining the Newcastle and Carlisle at West Wylam. The electric locos could then have served all the many industries which were at that time operating on the north bank of the Tyne including of course Armstrong's famous works at Elswick. Also, I have imagined that there was another shipyard located in this vicinity even though in reality they were mostly sited a lot further east nearer the mouth of the river.

So here you see **LOWBURN PARK**, an imaginary station on an actual route. The exact location of the place has deliberately been kept a little vague, so as to avoid getting into too much trouble with those who are familiar with west Newcastle!

The period modelled is 1905-10, which provides a good excuse to run several different types of NER locos and stock in various different liveries. The layout is built on plywood girder baseboards and all track is Brook Smith with cosmetic chairs. Buildings are all scratch built following prototypes from the North East. Signals are a mixture of D&S, MSE or scratch builds. Locos and stock are all kits adapted where necessary.

John hopes that you enjoy watching this piece of northern fantasy. And if you have any questions please ask, the operators will be quite happy to talk about the layout and the NER all day.



Wheal Elizabeth

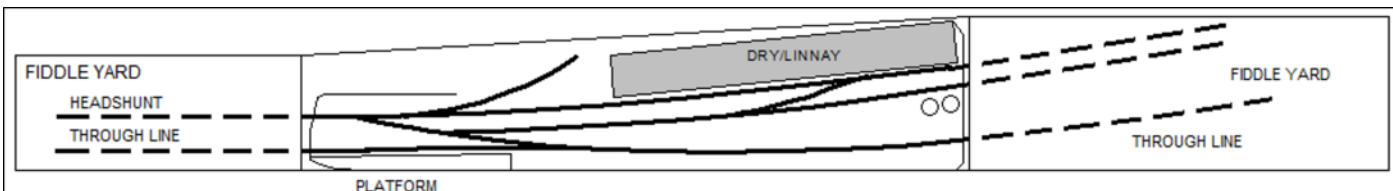


WHEAL ELIZABETH is a fictional representation of the Cornish china clay industry and is largely inspired by Great Wheal Prosper at Carbis Wharf off the Newquay Branch. This clay works did not close until 1989 and was virtually unchanged from the 1950's.

The layout was originally built as a terminus for the [DEMU](#) and Scalefour Societies' [D&E challenge](#) in 2008 but has since been expanded to through running and to increase operating potential. The original layout's traditional coal-fired dry has been supplemented by a relocated and modified clay slurry loading point and a new stabling point for the works shunter.

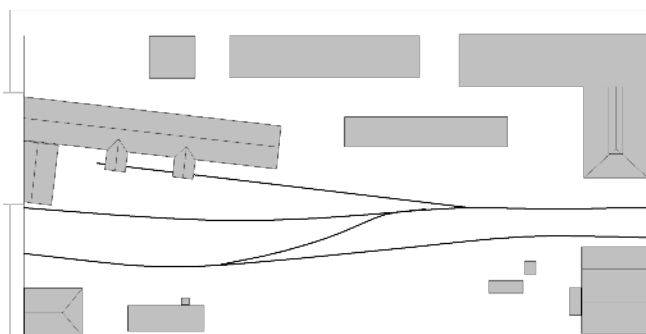
Additionally, we now have a through branch line inspired by the planned (but never constructed) line from Ruthernbridge to Roche, thus linking

the Southern and Western regions and giving us an excuse to run a variety of trains. You may still see steam engines in the morning and diesels in the afternoon. Rolling stock is a mixture of kitbuilt and modified proprietary items.



Wheal Elizabeth (14' x 1'6")

LIKE many other people Rob has made several starts on layouts, but [MANSTON BREWERY](#) is his first ever completed layout. Built as an entry for the [Standard Gauge Workbench](#), the layout represents a brewery complex somewhere in the Midlands. All of the buildings are scratch built, whilst the locomotives and wagons are made from kits. The casks and setts are cast in resin. We have yet to work out how many of those casks actually contain beer but it is thought that during the course of an exhibition the number decreases rapidly!



MANSTON BREWERY (6' x 1'6")



Left: The cooperage at Manston Brewery

Photo: Rob Milliken



Presented by Rob Milliken

Photo: Rob Milliken

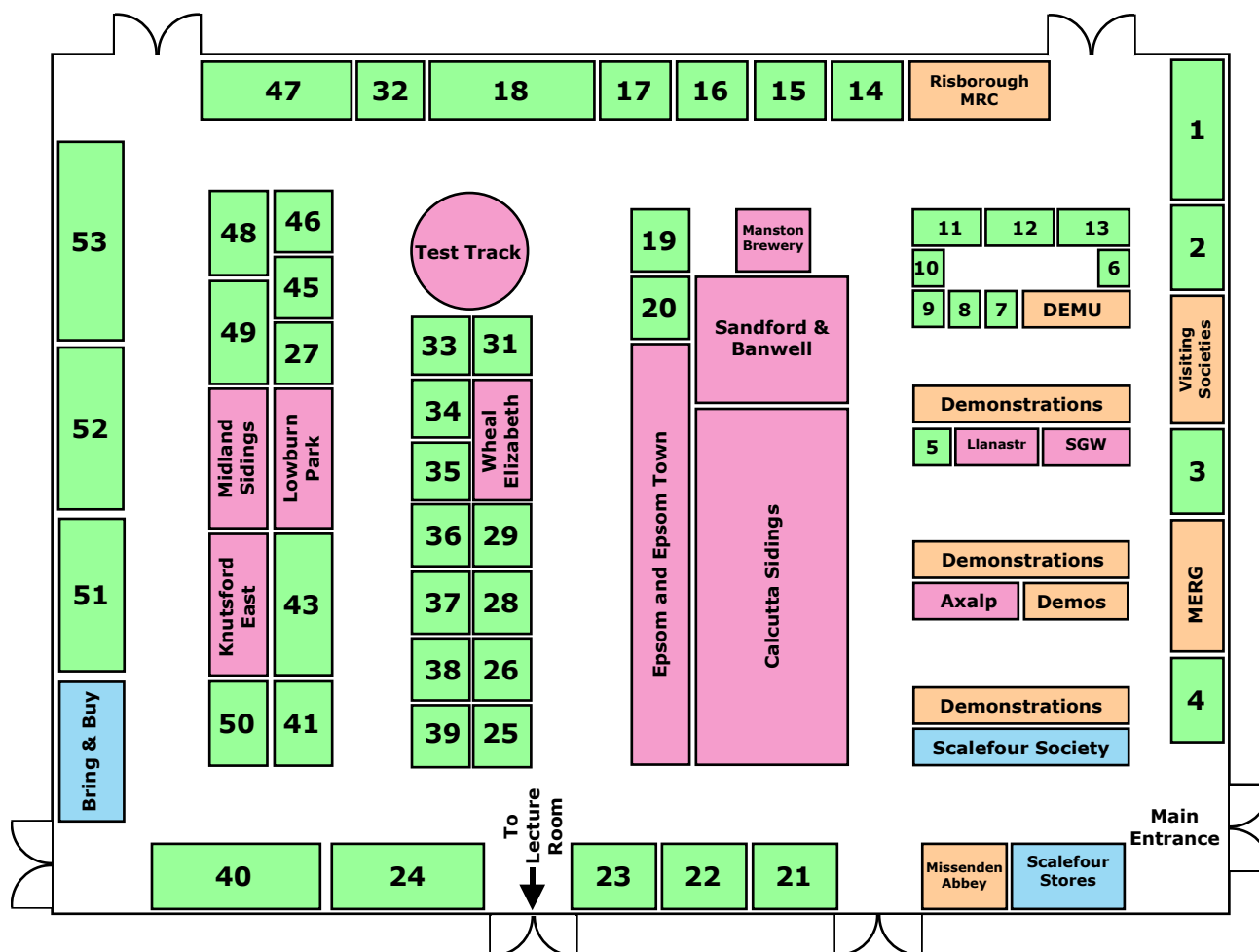
The Standard Gauge Workbench

The [Standard Gauge Workbench](#) is an initiative announced in July 2013, which is designed to encourage members of the Society to build a small layout to P4 standards that does not exceed four feet eight and one half inches in length. This initiative is not a Challenge or Competition of the Scalefour Society and no judging will take place and no prizes will be awarded. Recognition may however be given to layouts when they are completed to the owner's satisfaction in the form of a certificate or other token.

At [Scaleforum](#) this year there will be a display relating to the Standard Gauge Workbench. *Manston Brewery*, one of the layouts at *Scaleforum*, is an entry for the SGW and Ian Everett, co-ordinator of the initiative will be present together with another entry, which may well be one of his own, unless he gets a better offer! In addition one of our demonstrators, Steve Howe will be present to show progress with [his entry](#).

Scaleforum 2014 Floorplan

An alphabetical list of traders and their stand numbers can be found on pages [16](#) & [17](#)



- | | | |
|--|---|--|
| 1. Cheltenham Model Centre | 19. Parkside Dundas | 37. Brassmasters |
| 2. Extreme Etchings/Shawplan | 20. RT Models | 38. High Level Kits |
| 3. David Geen | 21. 247 Developments | 39. Model Railway Developments |
| 4. Alan Gibson (Workshop) | 22. Hobby Holidays | 40. DC Kits & DE Videos |
| 5. Greystar Publications | 23. Wizard Models | 41. Roger Carpenter |
| 6. Mike King - Southern Drawings | 24. C&L Finescale | 42. To be confirmed |
| 7. Penbits Model Railways | 25. ABS Models | 43. Golden Age Models |
| 8. Dave Bradwell | 26. Martin Finney Locomotive Kits | 44. To be confirmed |
| 9. Cambrian | 27. G W Models | 45. Neil Kinison Models |
| 10. Prickley Pear Products | 28. Mousa Models | 46. Ambis Engineering |
| 11. M.A.R.C. Models | 29. Rumney Models | 47. Phoenix Precision Paints |
| 12. South Eastern Finecast | 30. To be confirmed | 48. Gramodels |
| 13. Branchlines | 31. London Road Models | 49. Road Transport Images |
| 14. Coopercraft | 32. Timber Tracks | 50. Replica Railways |
| 15. Ten Commandments | 33. Dart Castings | 51. Wild Swan Publications |
| 16. Ceynix Railway Trees | 34. Wealistic Models | 52. Railroom Electronics |
| 17. Green Scene | 35. Judith Edge Kits | 53. Eileen's Emporium |
| 18. Priory Books | 36. Acc+Ess Protocab | |

The Scalefour Stores

Jeremy Suter will be found with the Society's own [Stores](#) stand in the Society area. One sale will be the essential gauges necessary for accurate modelling to P4 standards along with materials for building your own trackwork, including filing jigs. For fans of third and fourth rail systems the Society's correct profile conductor rail and supports will be available together with other essential items for working in P4. Also on sale will be copies of the Society's two publications, the book on the building of *St Merryn*, written by members of the South London Group and the book on the use of Alex Jackson couplings by Dave Booth, together with that essential item for Society members, the Society mug. Jeremy offers a bespoke profile milling service and will be please to provide details on request.

Right: Pat and Jeremy Suter with the Scalefour Stores
Photo: Philip Hall



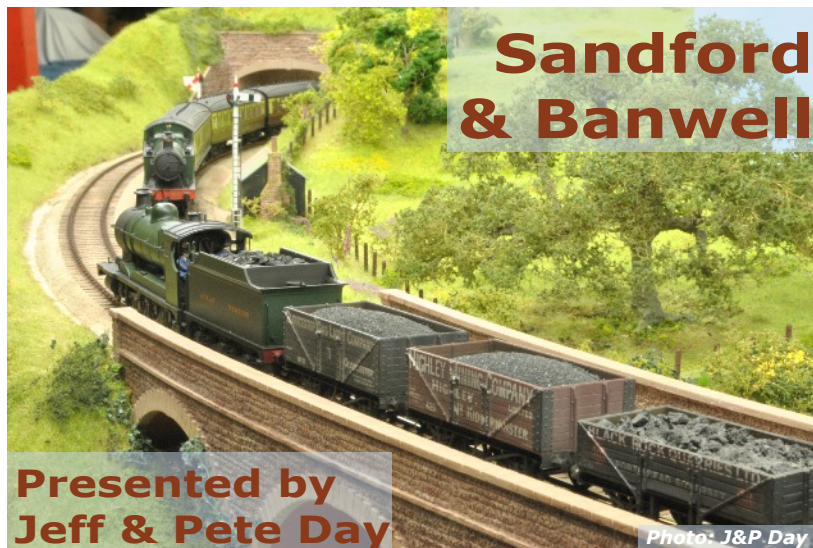
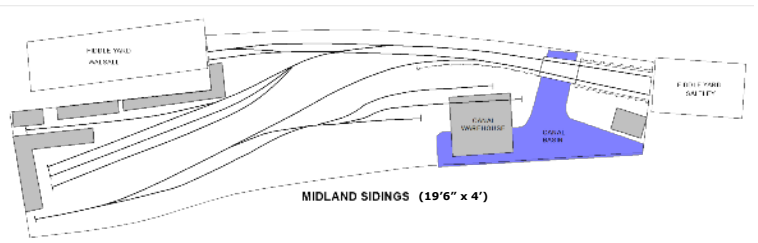
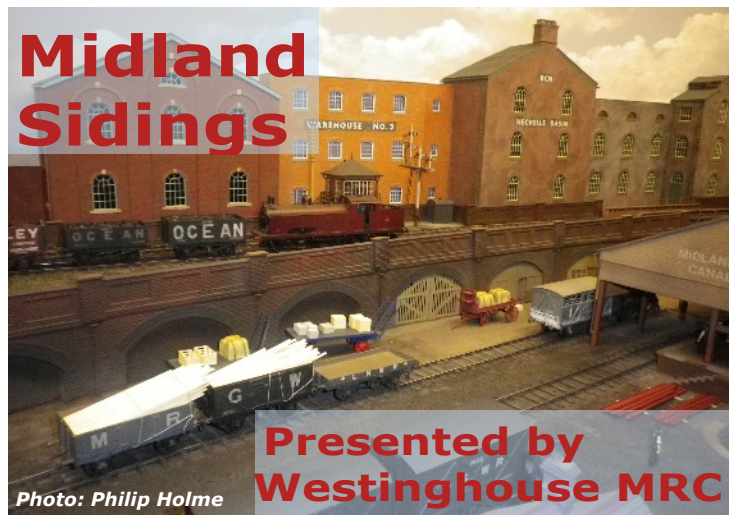
MIDLAND SIDINGS has been built by members of the Westinghouse Model Railway Club Scalefour Group. It is intended to represent a Midland Railway location on an imaginary line between Saltley and Walsall on the heavily industrial eastern side of Birmingham in the period 1920-1922. The layout includes a single main line, with a small marshalling yard and associated headshunt, as well as a low-level canal interchange. These is also goods exchange traffic with the LNWR.

The baseboards are constructed from 12mm and 4mm plywood, using Barry Norman's girder construction, whilst the layout is supported on a base of trestles and 'L' girders, as described by Iain Rice. This system has several advantages: the base can be erected and levelled before the baseboards carrying the easily-damaged track and scenery are mounted; there are fewer legs and other components; and it can be used to support other layout projects. 'L' girders 6' long with 6" wide vertical and horizontal members have proved satisfactory.

The plain track is based on [C&L](#) plastic sleeper base; turnouts are built using the Brook Smith ply and rivet method with cosmetic chairs added later. Steel rail is used throughout: note that this rail is plain drawn mild steel and is not plated or treated, as is often supposed. Rust has not been a problem, and is not expected to be.

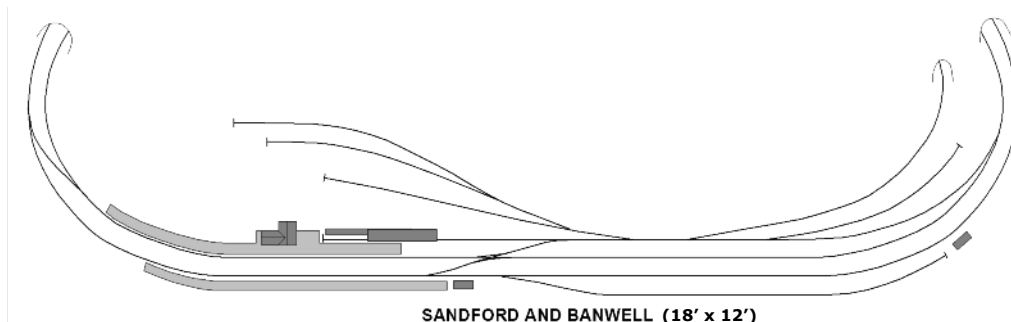
Signals are from modified [Model Signal Engineering](#) etchings, with scratchbuilt posts and gantries using some Exactoscale parts and the invaluable small cranks from [Alan Gibson](#). They are operated using memory wire actuators. Turnouts and signals which would have been operated from the signal box are worked from an interlocked lever frame; turnouts which would have been worked on the ground are worked from the baseboard edge by wire rods. The layout is intended to be operated from the front as well as from the rear. Fiddle yards are cassettes, with train-length and loco-length cassettes on plain baseboards.

Three-link couplings throughout proved previously to be a severe test of patience on an exhibition layout, and [Dingham](#) couplings have therefore been adopted, fitted to both ends of locos and goods brakes, and to both ends of rakes of goods and passenger stock. [Dingham electromagnets](#) allow remote uncoupling.



SANDFORD & BANWELL is loosely based on the station of the same name on the Cheddar Valley line in north Somerset. This was known as the Strawberry Line due to the amount of strawberries grown in the local area. The layout is not meant to be an accurate model of the station but rather a base for running various trains seen at this period, although the general layout and style of the buildings are accurate.

Trackwork is constructed directly on a cork base, after marking out all the important details, from ply sleepers and functional chairs, with soldered construction around crossings etc. Control is by DCC, which has been used so as to avoid the need for a control panel and section switches. The ability to stop trains anywhere in the fiddle yard is especially welcome. Scenics are the usual mixture of scatter materials but the static grass system has been used extensively to give a quick all over surface, to which details continue to be added to as time allows. Stock is a mixed bag, everything from modified RTR to scratchbuilt items will be found in most trains. The rolling stock uses 3mm Sprat & Winkle couplings to allow "hands free" operation.



Demonstrations and Helpdesks

This year we have again included an extended demonstration area where most aspects of railway modelling will be covered. Some demonstrations will cover all the work involved in modelling a particular period whilst others will cover more specific topics.

Getting Started in P4

There are many hints and tips that can be gleaned by the beginner to P4 modelling from those who are more experienced. John McAleely (Saturday) and Keith Norgrove (Sunday) will be pleased to advise those new to working to P4 standards, or even those who are contemplating such a move and want to know more about what is involved. Their table is an essential port of call for anyone who is [starting out in P4](#).



An example of Howard Bolton's realistic trackwork
Photo: Howard Bolton

Modelling Realistic Track and Working Point Rodding

Much "real" railway track consists of complex formations which present quite a challenge to model successfully. Howard Bolton will be [showing us how](#) he has sought to deal with these challenges not only to get good running but also to create track which looks like the real thing. Of course, for beginners, the basics of good quality switches and crossings will not be neglected. Howard will be bringing along a baseboard from his "Minor-ies" layout so you can judge the results for yourself and will include some of his functional 4mm scale point rodding.

The Inglebrook Layout Concept

The small layout, sometimes referred to as a shunting plank, is a popular theme for a layout. We welcome to [Scaleforum](#) Steve Howe, builder of the much admired [Horsley Bank](#), who will be showing progress on his new layout, [Horsley Lane Goods](#), which is an entry for the [Standard Gauge Workbench](#) mentioned elsewhere in this guide. Measuring just 1220mm x 330mm, Steve will be showing just how much can be achieved in a small space and demonstrating some of his innovative techniques used for scenic work.

The Finishing Touches – Bringing Your Layout to Life

Even the most beautifully modelled layouts can look a little sterile and lifeless. Dave Hawkins will be showing how, in a subtle way, those little details can bring your model to life and help to achieve atmosphere, that most elusive of commodities. The possibilities are endless – for example, do your road vehicles



Details on Dave Hawkins' Stoke-by-Nayland layout
Photo: David Brandreth

have wing mirrors, windscreen wipers and correct number plates for the area and period? How about correct harnessing on horse drawn vehicles or a bike propped against the kerb? What about buildings with open doors and windows, and appropriate street furniture and signs? Dave will also be looking at the natural grouping of appropriate figures.

Dave's philosophy is that detail is there to be discovered by the viewer, so definitely no car crashes, welders, houses on fire, glowing braziers, weddings, funerals, marching bands or flashing blue lights!"

Loco Construction

The art and craft of building model locomotives is seen by some as the pinnacle of railway modelling. Steve Duckworth will be explaining how he builds locos from kits and from scratch and will be showing a range of compensated and sprung chassis.

Modelling the Diesel and Electric Era

The growing interest in the diesel and electric era reflects the interests of railway modellers of the more recent generations, although not exclusively so. This year we welcome [David Furmage](#) and [Robert Austin](#) who will be showing what is involved in modelling the contemporary railway scene.

The Scalefour Helpdesks

This year we are continuing the innovation begun last year with the *Scaleforum* help desks. Not quite a demonstration, and not quite a workshop, various members of the Society have agreed to come along and provide some in-depth help and advice on a range of topics, and where appropriate will help you to have a go.



"The deadline's when?"
Mike Ainsworth demonstrates how to deal with an editorial request
Photo: Philip Hall

Chassis Construction and Wheel Conversion

Mike Ainsworth returns to the loco helpdesk to explain his methods of converting ready to run locos and the construction of a range of etched brass chassis from different suppliers. Also on display will be Mike's famous Jinty, where the P4 wheels have been in and out of the chassis more times than he cares to think about. If you have a loco that you can't get to run, then bring it along. Mike won't promise to fix it for you there and then but he may have some ideas and pointers as to what might be done.

Soldering

For those who are struggling with soldering, Ray Hodson is the person to see. Ray will have a range of soldering equipment available, including a resistance soldering unit and will be able to guide you through the steps to success in what is sometimes called the "black art" and you can have a go under Ray's expert guidance.

Visiting Societies and Groups

Working on the basis that we can all learn from others, we welcome the following groups and societies to *Scaleforum*

Diesel and Electric Modellers United

Formed in 1998, [DEMU](#) is the essential Society for anyone who is interested in accurate modelling of the diesel and electric railway scene. The Society's magazine [Update](#) is rapidly becoming a very valuable resource of essential information to assist those interested in modelling the contemporary and recent past history of the UK railway system. Members of the Society will be on hand to explain the benefits of membership and you can be sure of seeing some high quality modelling on the stand.

MERG

We welcome to *Scaleforum* the [Model Electronic Railway Group](#) which is an international, UK based group promoting interest in the application of electronics (including computers) to all aspects of railway modelling. Founded in 1967, the Group's aim is to actively promote and advance the use of electronic and computer technology for model railway operation.



Missenden Abbey

The well known [Missenden Abbey Railway Modelling](#) courses will have a display at *Scaleforum*, giving an opportunity for those who are contemplating attending such a course to learn more about what happens.

North London Railway Historical Society

The [North London Railway Historical Society](#) was conceived in 1989 by a small group of people who were concerned that although the NLR had many followers, there was no specific forum for them to meet and exchange information. A short mention in the [Railway Magazine](#) led to an inaugural meeting in October 1990, presided over by the late Michael Robbins, author of the only history of the line then available. The Society caters for everybody interested in the story of the railway and the many associated lines, from 1846 to the present day.

An illustrated journal is produced three times a year, and covers all aspects of the line, its stations, train services, signalling, locomo-



tives and rolling stock. Five meetings are held in central London each year, some in the evening and some in the afternoon; as well as an annual guided walk or tour. Speakers cover a wide variety of topics, and members are encouraged to participate. For those living further away, an associated Internet news group has been formed upon which new information is regularly posted.

Risborough and District Model Railway Club

We welcome back to *Scaleforum* members of the [Risborough and District Model Railway Club](#) who host the nearest Scalefour Society Area group to Aylesbury. The club will be bringing their test track, which has two P4 circuits, so for those who have limited running facilities this will give an opportunity to try out your latest locomotive. In addition the group will also be showing progress on their new layout which is a model of the former GC/GWR/Met station at Aylesbury c.1955, which still largely exists today. Part of the display will include the research necessary to produce an accurate model of a prototype station.

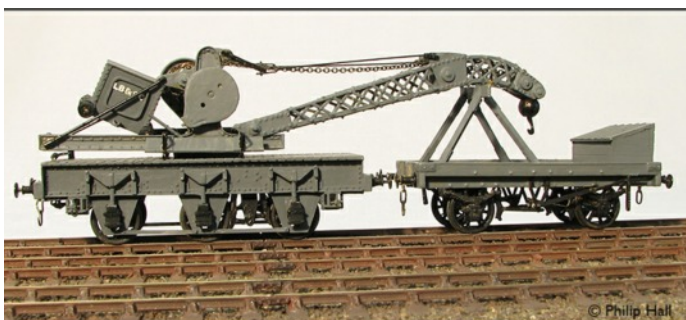
The group will also be bringing their laser cutter and will be showing how this relatively new piece of equipment can be used to assist the model maker.

Southern Railways Group

The [Group](#) was formed over 40 years ago to study and disseminate information about the Southern Railway, British Railways (Southern Region), its successors and minor railways in southern England. Publications include data sheets, a bi-monthly newsletter, and a quarterly magazine. The stand will have on sale the [Phoenix](#) range of coaching stock kits which whilst catering mainly for the Southern modeller also includes many kits and components for the GW, LMS, LNER and BR modeller.



Scaleforum Lecture



The *Scaleforum* lectures are justifiable popular. This year we are continuing with the theme started last year of inviting a practicing railwayman to talk about his experiences and to relate the prototype to the model. This year long-standing member and *Scalefour North* stalwart Dave Carter has kindly agreed to take the hot seat and will be focusing on the all important relationship between the wheels and the rail, and what happens when this goes wrong, based on his experience of many happy hours as a member of the [breakdown crane](#) team. Be prepared to be entertained as only Dave can.

Left: LBSCR crane
Photo: Philip Hall

Directions to Scaleforum

Stoke Mandeville Stadium is located just one and a half miles from Aylesbury town centre and situated directly behind Stoke Mandeville Hospital (both the hospital and stadium are within the town of Aylesbury).

If travelling by car note that there are signs on all approach roads into Aylesbury indicating that the stadium can be found by following the standard A&E hospital road signs. Simply follow the signs. In addition there will be special [Scaleforum](#) direction signs posted within the last mile of your journey

Exhibition Bus Service

A bus service from Aylesbury railway station car park direct to *Scaleforum* and return will be provided on both Saturday and Sunday. The service will start half an hour before *Scaleforum* opens and the last bus will depart Stoke Mandeville Stadium a few minutes after the show closes each day.

See the [Scaleforum 2014 Bus Timetable](#) for the bus times between *Scaleforum* and Aylesbury railway station.

For those who cannot make the Exhibition Bus service on the Saturday, we would suggest using the No. 50 bus route as indicated opposite.

Car Parking

Limited free parking for *Scaleforum* visitors is available at Stoke Mandeville Stadium in marked bays. Although there are signs indicating that parking is limited to three hours, the number plate recognition cameras will be switched off during *Scaleforum*. To reduce the pressure on the limited parking space at the Stadium, we recommend that visitors use the town centre car parks and then catch the free exhibition bus from the railway station to *Scaleforum*. We recommend that you use the long stay Friarscroft (588 places) car park close to the station, which is £3 for all day on Saturday and £1 for all day on Sunday. Details of all town centre car parks can be found at http://eplanning.aylesburyvaldc.gov.uk/applications/avdc_car_parks/Aylesbury/aylesbury.htm.

The roads around the stadium car parks are residential and, although they have no parking restrictions, should you park there please abide with all road parking regulations, park safely and keep all access areas and driveways clear. We have permission to use one of the car parks in the adjacent hospital site for parking and there will be access to the hospital car park from the stadium site and stewards will be on hand to direct you.

By Train

The area is served by a fast, frequent [Chiltern Railways](#) service to and from London Marylebone. If travelling from the south alight at Aylesbury (not Stoke Mandeville) and then proceed by the exhibition bus in the station car park to *Scaleforum*. If travelling from the north, i.e from Birmingham Snow Hill or Banbury, change at Princes Risborough and get the shuttle service to Aylesbury or alight at Haddenham and Thame Parkway station to catch a 280 bus to Aylesbury Bus Station. Taxis are available from the Aylesbury station forecourt to the stadium with a single fare around £4, although buses run from the adjacent bus station.

By Bus from Aylesbury Bus Station/Town Centre

Frequent buses from Aylesbury bus station to *Scaleforum* are available on many bus routes, details below. We recommend the 50 services, as this is the most direct and quickest bus service from Aylesbury Bus station (Town Centre) to *Scaleforum* and return, but is only available on the Saturday.

Route 50 (Saturdays only)

50 Bus Route and Timetable:

www.arrivabus.co.uk/south-east/services/50---aylesbury-to-raf-halton/?direction=outbound

You need to ask for Elm Farm Shops. These are on the north side of the railway line and are less than a five-minute walk from the bus stop to the stadium, using the footpath under the railway directly into the stadium site (see map for details). The bus journey takes about five-minutes from the bus station to Elm Farm bus stop. Buses depart Aylesbury bus station at 10 minutes and 40 minutes past each hour and arrive at Elm Farm shops at 15 minutes and 45 minutes past each hour. Return service is 24 minutes and 54 minutes past each hour.

Route 300 (Saturday & Sunday)

300 Bus Route and Timetable:

www.arrivabus.co.uk/south-east/services/300---aylesbury-to-high-wycombe/?direction=outbound

Saturday departs Aylesbury bus station at 15, 35 and 55 minutes past each hour and arrive at Churchill Avenue/Stadium Approach at 21, 41 and 1 minutes past each hour. Return service departs Churchill Avenue/Stadium Approach at 15, 35 and 55 minutes past each hour, then at 17:37, 17:58.

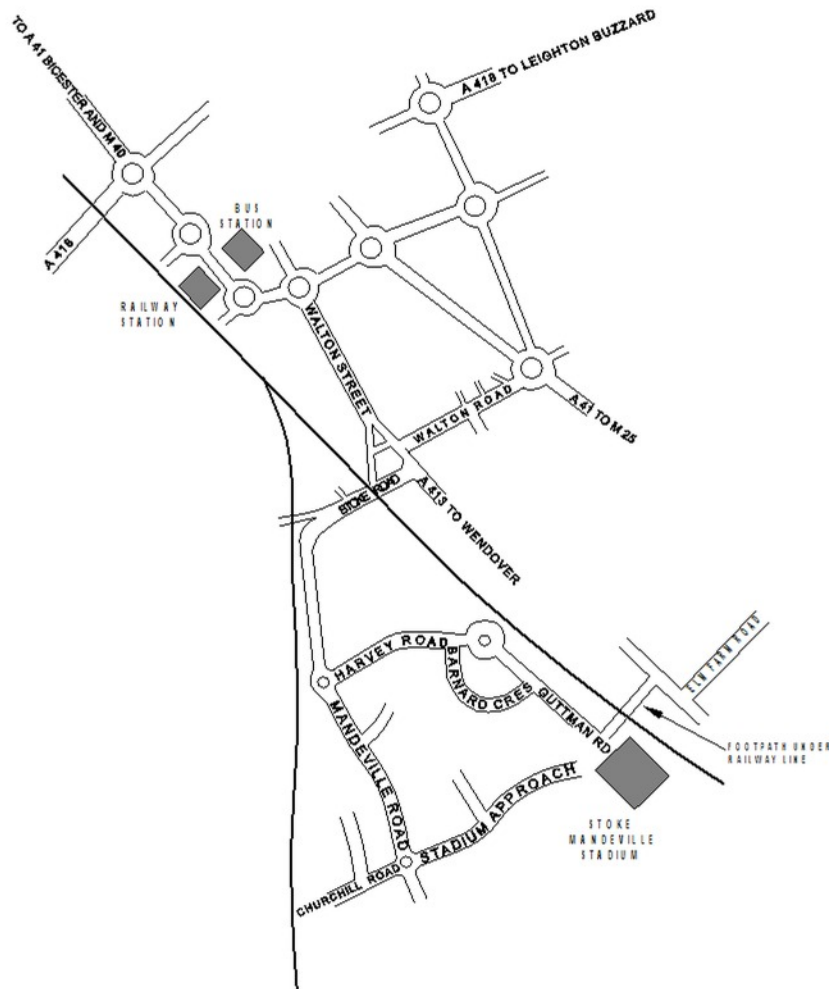
Sunday service is hourly with the service departing Aylesbury bus station at 5 minutes past each hour. Return service leaves at 46 minutes past the hour.

Route 65 (Saturdays only)

Bus Station Bay 6

This service runs direct to the Stadium/Guttman Road leaving Aylesbury bus station at 10.22, 12.22 & 14.22 arriving at the stadium at 10.28, 12.28 & 14.28

Return busses leave the Stadium/Guttman Road at 10.35, 12.35 & 14.35



Places of Interest in and around Aylesbury

Beyond *Scaleforum* there is much of railway interest to see around Aylesbury

Buckinghamshire Railway Centre: located at Quainton Road Station, HP22 4BY, about six miles to the west of Aylesbury. The centre has the former LNWR Rowley Road station from Oxford as its centrepiece exhibition building and includes much of interest from the GC, Metropolitan and LNER Railways.

www.bucksrailcentre.org
01296 655720

Chinnor and Princes Risborough Railway: this former GWR branchline has its base at Chinnor station, about 10 miles from Aylesbury, with the station having been completely rebuilt by volunteers. The railway runs a weekend passenger service during September. Chinnor Station, Station Approach, Station Road, Chinnor, Oxfordshire, OX39 4ER.

www.chinnorrailway.co.uk
01844 353535

Leighton Buzzard Narrow Gauge Railway: at Leighton Buzzard, about 10 miles north of Aylesbury. Built to 2 foot gauge, this fascinating line was originally constructed in 1919 using redundant materials from the WW1 Western Front in France to move sand from the quarries to the north of the town to the standard gauge branch line that went from Leighton Buzzard to Dunstable. The railway



has a large collection of steam, diesel and petrol locomotives and will be operating a passenger carrying service on the Sunday of *Scaleforum*. Page's Park Station, Billington Road, Leighton Buzzard, LU7 4TN.

www.buzzrail.co.uk
01525 373888

Pendon Museum: a "must see" place for all those who appreciate fine modelling, the museum is a little further away, about 22 miles from Aylesbury. The Museum is open at weekends from 14.00. Pendon Museum, High St, Long Wittenham, Abingdon, Oxfordshire OX14 4QD.

www.pendonmuseum.com
01865 408143

Didcot Railway Centre: operated by the Great Western Society, near to Pendon, at Didcot. The centre will be open on both days of the *Scaleforum* weekend from 10.30 to 15.30.

Located next to the railway station, the centre offers lots to interest the GWR supporter. Didcot Railway Centre, Didcot, Oxfordshire, OX11 7NJ.

www.didcotrailwaycentre.org.uk
01235 817200

For the rest of the family the following non-railway attractions are close to Aylesbury

Ascott House: a former Rothschild house now owned by the National Trust, Ascott House is just outside the village of Wing.

www.ascottestate.co.uk

01296 688242

The Roald Dahl Museum and Story Centre: located in Great Missenden, about 10 miles south east of Aylesbury, and tells the story of the author's life and his books. The museum is open at weekends from 11.00 – 17.00 and is at 81 High Street, Great Missenden, HP16 0AL.

www.rolddahlmuseum.org

01494 892192

Waddesden Manor: a large country house in the village of Waddesden built by Baron Ferdinand de Rothschild between 1880 and 1883 the house is now owned by the National Trust.

www.waddesdon.org.uk

01296 653226

Woburn Abbey and Safari Park: located at Woburn, about 15 miles north of Aylesbury, the main house is open from 11.00 to 16.00 whilst the Safari park is open from 10.00 to 17.00.

www.woburn.co.uk

01525 290333

Bring and Buy Stand

As *Scaleforum* approaches don't forget to begin to start setting aside your surplus items for sale on the Bring and Buy stand which gives members an opportunity to dispose of unwanted items and allows others the opportunity to acquire a bargain. The Society retains 10% commission on items sold but there is no fee on unsold items.

Items for sale should be listed on the Bring and Buy form. This can be downloaded from the Society's web site at www.scalefour.org. Two versions of the form are available: a PDF version for printing off and completed by hand or an Excel spread sheet which will allow the calculations to be done on a computer. Any member who does not have access to the internet can obtain a form from the [Scaleforum organiser](mailto:Scaleforum.organiser@bt.com): Terry Bendall, 123 Plantation Road, Leighton Buzzard, Bedfordshire, LU3 3HJ. Further copies of the form will be available at *Scaleforum*.

Simply list your items on it, decide on how much you want for them and label the items accordingly. Sales can be of one item or many and there is no limit to the amount that can be offered for sale. The seller sets the price but members of the Bring and Buy team will be able offer advice on prices if required and will lower the price for unsold items if requested to do so by the seller. Bring the items and form to the Bring and Buy stand where they will be booked in and offered for sale. Items can be entered into the Bring and Buy and removed at any time during the course of the exhibition.

At the end of the day (or whenever you wish) we tally up all the items sold, deduct our 10% commission and pay you the balance. You can keep an eye on how things are going and reduce (or raise!) your prices at any time. Please read carefully the notes on the back of the form relating to the labelling of items, together with the conditions of sale. All items are deposited with the stand manager entirely at the owner's risk and the Society accepts no liability regarding the condition or suitability of items sold on behalf of a member.

Please note the following points about the operation of the Bring and Buy stand. Items for sale may be handed in at any time but in order to give everyone an equal opportunity to buy, selling will not start until 10.30am on the Saturday, and 10.00am on the Sunday. This will apply to visitors and all exhibitors. All goods must be paid for at the time of purchase; the setting up of a running account is not permitted. In addition we will accept books for sale but these must be on railway related subjects, either the prototype or modelling, and be in good condition.

Members are advised to consider the presentation of items to be sold. Items that are well wrapped up in plain closed boxes are likely to attract less interest than those that can be easily seen. Small items may need to be placed in clear plastic bags.

Please note that the stand does not accept magazines, videos or DVDs for sale, or models in scales other than 4mm to one foot.

Scaleforum Bus and Train Times

The *Scaleforum* bus service will be provided by Heyfordian Travel Ltd using a 51 seat coach which will be in the company's livery. The bus will have a notice in the windscreen to state that it is providing the *Scaleforum* bus service and will depart from the bus stop in Station Way just opposite to the main exit from the railway station. Users of the bus are requested to make a donation towards the cost. A box for donations will be found on the ticket desks at the exhibition.

Train times given are taken from the *Chiltern Railways* published timetable. The Scalefour Society cannot accept any responsibility for any delays which may be due to changes in the published timetable as a result of engineering work, railway operating incidents, or changes made by the train operating company.

SATURDAY SEPTEMBER 27th

TRAIN TIMES FROM LONDON

London Marylebone to Aylesbury via Amersham

London Marylebone	dep	0812	0842	0912	0942	1012	1042	1112	1142	1212	1242	1312	1342	1412	1442
Aylesbury	arr	0908	0941	1008	1041	1108	1141	1208	1241	1308	1341	1408	1441	1508	1541

London Marylebone to Aylesbury via High Wycombe

London Marylebone	dep	0827			0936		1036		1116	1209		1309		1409	
Princes Risborough	arr	0908			1008		1109			1255		1354		1455	
Princes Risborough	dep	0914			1014		1114			1300		1400		1500	
Aylesbury	arr	0932			1032		1131		1223	1318		1418		1517	

TRAIN TIMES FROM BIRMINGHAM

Birmingham Moor Street & Snow Hill to Aylesbury via Princes Risborough & Birmingham New Street to Aylesbury via Banbury

Birmingham New Street	dep				0833										
Birmingham Snow Hill	dep	0712				0912		1012		1112		1212		1312	
Birmingham Moor Street	dep	0715				0915		1015		1115		1215		1315	
Banbury	arr				0917										
Banbury	dep				0925										
Bicester North	arr	0818													
Bicester North	dep	0827													
Princes Risborough	arr	0847			1003	1037		1141		1241		1341		1441	
Princes Risborough	dep	0914			1014	1114		1204		1300		1400		1500	
Aylesbury	arr	0932			1032	1131		1223		1318		1418		1517	

SCALEFORUM BUS SERVICE (On Saturday September 27th no bus will run between 12.56 and 13.48)

Aylesbury railway station	dep		0945	1015	1045		1145		1246		1400	1430	1500	1530	1600	1630	1700	1730
Stoke Mandeville Stadium	arr		0955	1025	1055		1155		1256		1410	1440	1510	1540	1610	1640	1710	1740
Stoke Mandeville Stadium	dep		1000	1030	1120		1205			1348	1415	1445	1515	1545	1615	1645	1715	1745
Aylesbury railway station	arr		1010	1040	1130		1220			1358	1425	1455	1525	1555	1625	1655	1725	1755

TRAIN TIMES TO LONDON

Aylesbury to London Marylebone via Amersham

Aylesbury	dep				1205		1235	1305	1335	1405	1435	1505	1535	1605	1635	1705	1735	1805
London Marylebone	arr				1305		1335	1405	1435	1505	1535	1605	1635	1705	1735	1805	1835	1905

Aylesbury to London via High Wycombe (Travel via High Wycombe on Saturdays will involve a change of trains at Princes Risborough for most trains)

Aylesbury	dep					1231		1331		1431		1531		1631		1731	1831
Princes Risborough	arr					1250		1350		1450		1550		1650		1750	1852
Princes Risborough	dep					1300		1354		1500		1554		1700		1754	1902
London Marylebone	arr					1347		1443		1547		1645		1744		1844	1949

TRAIN TIMES TO BIRMINGHAM

Aylesbury to Birmingham Moor Street & Snow Hill via Princes Risborough

Aylesbury	dep					1231		1331		1431		1531		1631		1731	1831
Princes Risborough	arr					1250		1350		1450		1550		1650		1750	1852
Princes Risborough	dep					1310		1408		1510		1608		1710		1808	1910
Birmingham Moor Street	arr					1433		1533		1633		1733		1835		1935	2039
Birmingham Snow Hill	arr					1441		1541		1641		1741					2047

Epsom Town station
Photo: Philip Hall



Scaleforum Bus and Train Times

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SUNDAY SEPTEMBER 28 th													
TRAIN TIMES FROM LONDON													
London Marylebone to Aylesbury via Amersham													
London Marylebone	dep	0812	0912	1012	1112	1212		1312		1412	1442		
Aylesbury	arr	0908	1008	1108	1208	1308		1408		1508	1541		
London Marylebone to Aylesbury via High Wycombe													
London Marylebone	dep		0830	0933	1028	1128	1228	1300			1428		
Aylesbury	arr		0948	1048	1148	1248	1348	1415			1548		
TRAIN TIMES FROM BIRMINGHAM													
Birmingham Moor Street & Snow Hill to Aylesbury via Princes Risborough													
Birmingham New Street	dep												
Birmingham Snow Hill	dep				0912	1012	1112			1212			
Birmingham Moor Street	dep			0855	0915	1015	1115			1215			
Bicester North	arr			0954									
Bicester North	dep			1004									
Princes Risborough	arr			1024	1037	1140	1237			1340			
Princes Risborough	dep			1030	1130	1230	1330			1430			
Aylesbury	arr			1048	1148	1248	1348			1448			
SCALEFORUM BUS SERVICE (On Sunday September 28 th no bus will run between 12.28 and 13.15)													
Aylesbury railway station	dep	0930	1018	1118	1218	1330	1400	1430	1505	1535	1605	1635	1705
Stoke Mandeville Stadium	arr	0940	1028	1128	1228	1340	1410	1440	1515	1545	1615	1645	1710
Stoke Mandeville Stadium	dep	0955	1055	1155	1315	1345	1415	1450	1520	1550	1620	1650	1715
Aylesbury railway station	arr	1005	1105	1205	1325	1355	1425	1500	1530	1600	1630	1700	1725
TRAIN TIMES TO LONDON													
Aylesbury to London Marylebone via Amersham													
Aylesbury	dep			1235	1335		1435	1505	1535	1605	1635	1705	1735
London Marylebone	arr			1335	1435		1535	1605	1635	1705	1735	1805	1835
Aylesbury to London via High Wycombe													
Aylesbury	dep			1255		1355	1455		1555		1655		1755
London Marylebone	arr			1410		1511	1611		1711		1811		1911
TRAIN TIMES TO BIRMINGHAM													
Aylesbury to Birmingham Snow Hill via Princes Risborough													
Aylesbury	dep			1255		1355	1455		1555		1655		1755
Princes Risborough	arr			1311		1411	1511		1611		1711		1811
Princes Risborough	dep			1410		1510	1610		1710		1810		1910
Birmingham Moor Street	arr			1531		1637	1731		1838		1933		2033
Birmingham Snow Hill	arr			1534		1640	1734		1841		1936		2036

Teatime Puzzle Corner

Armchair Modeller, the legendary Society [challenge](#) setter, is having a year off. In his absence, we present this selection of *Scaleforum*-themed anagrams to help you while away your journey to Aylesbury. There are no prizes, just the satisfaction that comes from knowing that you've read this guide more thoroughly than most.

- Galactic Nudists - (8,7)
- Tighten Sex Crème - (7,8)
- A Barking Spoon Howls - (4,6,8)
- Lent A Clenched Ohmmeter - (10,5,6)
- Evaded Gin - (5,4)
- It Pours A Restyling Cab - (8,12)
- Fool Yeti Accusers - (9,7)
- Bar Tsars Mess - (12)
- Elves High Kilt - (4,5,4)
- Devised Odd Catkins - (1,1,4 & 1,1,6)
- Serene Lime Opium - (7,8)
- Lax Pa - (5)
- I Judged The Skit - (6,4,4)
- Buy Relays - (9)
- Mom Can Mend Tents - (3,21)
- Some Mad Soul - (5,6)
- Dad Raised Punks - (8,6)
- Mule Syndrome - (6,6)
- Rank Owl Burp - (7,4)
- Nearby Worm Nest - (7,7)
- Deny Seamen Bibs - (9,5)
- Brandy And Busting - (5,3,3,5)
- Kiln Loony Outage - (9,6)
- Accosts Historic Nuns - (7,12)
- Madcap Stripy Eunuch - (6,9,3)
- Older Lowly Marijuana - (5,7,7)
- Recap Best Sherry Mime - (10,9)
- Wee Burly Oryx - (5,6)
- Wench Drunk Grog Database - (8,5,9)
- Did Mind Signals - (7,7)

Scaleforum Trade Support

Stock up with all those essential items!

Stand numbers after the trader names refer to the floorplan on [page 8](#)

247 DEVELOPMENTS Seven Acres, Meltham Road, Marsden, West Yorkshire, HD7 6JZ www.247developments.co.uk Etched nameplates, kits and components	21 01484 840996	DAVE BRADWELL South Muirnich Cottage, Gorthleck, Inverness IV2 6YP www.davebradwell.co.uk Etched locomotive and rolling stock kits	8 01456 486377
ABS MODELS 39 Napier Road, Hamworthy, Poole, Dorset BH15 4JX Cast whitmetal kits and components	25 01202 672891	DAVID GEEN MODEL RAILWAY KITS 30 Silverwood Close, Dale Park, Hartlepool, TS27 3QF www.davidgeen.co.uk Locomotive and rolling stock kits	3 011429 269600
ACC+ESS PROTOCAB Glenrhu, Bowermadden, Caithness KW1 4TW www.protocolab.com Battery-powered remote control systems	36 07831 231164	DC KITS & DE VIDEOS 111 Norwood Crescent, Stanningley, Leeds LS28 6NG www.dckits-devideos.co.uk Transport books and DVDs, DCC control and RTR models	40 01132 563415
ALAN GIBSON (WORKSHOP) P.O. Box 597, Oldham OL1 9FQ www.alangibsonworkshop.com Wheels, etched kits and components	3 0161 678 1607	EILEEN'S EMPORIUM Unit 19.12 Highnam Business Centre, Newent Road, Gloucester GL2 8DN www.eileensemposium.com Tools, painting and scratchbuilding supplies	53 01531 828009
AMBIS ENGINEERING The Old House, 80 Westgate Street, Shouldham, Kings Lynn, Norfolk PE33 0BH www.ambisengineering.co.uk Etched kits and components	46	EXTREME ETCHINGS/SHAWPLAN 2 Upper Dunstead Road, Langley Mill, Nottingham NG16 4GR www.shawplan.com Etched detailing components, Laserglaze, paint and transfers	2 01773 718648
BRANCHLINES PO Box 4293, Westbury, Wiltshire BA13 9AA www.branchlines.blogspot.co.uk Etched kits, motors & gearboxes	19 01373 822231	GOLDEN AGE MODELS PO Box 888, Swanage, Dorset BH19 9AE www.goldenagemodels.net Locomotives and coaches in 4mm, 7mm and 10mm scales	43 01929 480210
BRASSMASTERS SCALE MODELS P.O. Box 1137, Sutton Coldfield, West Midlands B76 1FU www.brassmasters.co.uk Locomotive & EasyChas kits, detailing components	37	GRAMODELS 18 Lower Tail, Carpenders Park, Watford WD19 5DD www.gramodels.co.uk Cast resin military and railway kits	48 07833 364272
C&L FINESCALE (incl. CARRS and EXACTOSCALE) Aran Lodge, Severn Road, Hallen, Bristol BS10 7RZ www.finescale.org.uk Trackwork and soldering supplies	24 01179 505 470	GREEN SCENE 60 Holly Mount, Worcester WR4 9SF www.green-scene.co.uk Scenic supplies	17 01905 24298
CAMBRIAN MODELS 10 Long Road, Tydd Gote, Wisbech PE13 5RB www.cambrianmodels.co.uk Plastic wagon kits and components	9 01945 420511	GREYSTAR PUBLICATIONS 66 High Street, West Wrating, Cambridge, CB21 5LU www.greystarpublishations.com/ngi/ Narrow Gauge & Industrial Railway Modelling Review	5 01223 291442
CEYNIX RAILWAY TREES 18 Petts Hill, Northolt, Middlesex, UB5 4NL www.railwaytrees.co.uk Handmade trees and scenic supplies	4 020 8864 6596	G W MODELS 11 Croshaw Close, Lancing, West Sussex BN15 9LE Rivet presses, rolling mills and other tools	27 01903 767231
CHELTENHAM MODEL CENTRE 39 High Street, Cheltenham, Gloucestershire GL50 1DX www.cheltenhammodelcentre.co.uk Extensive RTR selection	1 01242 523117	HIGH LEVEL KITS 14 Tudor Road, Chester-le-Street, County Durham DH3 3RY www.highlevelkits.co.uk Locomotive kits and drivetrain solutions	38 0191 388 2112
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www.londonroadmodels.co.uk
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31

RAILROOM ELECTRONICS

c/o 20 Avon Drive, Wareham, Dorset BH20 4EL
www.railroomelectronics.co.uk
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17 Foxdene Road, Seasalter, Whitstable, Kent CT5 4QY
www.roadtransportimages.com
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MODEL RAILWAY DEVELOPMENTS

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www.emardee.org.uk
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745 High Road, Leytonstone, London E11 4QS
www.mousa.biz
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www.rumneymodels.co.uk
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neil522@tiscali.co.uk
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SCALEFOUR STORES

120 Hayhurst Avenue, Middlewich, Cheshire CW10 0BD
www.scalefour.org/stores/stores.html
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www.sefinecast.co.uk
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PENBITS MODEL RAILWAYS

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www.penbits.co.uk
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www.phoenix-paints.co.uk
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PRICKLEY PEAR PRODUCTS

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23