



demu 2019 showcase

The national exhibition of
Diesel and Electric Railway Modelling

Diesel & electric themed layouts, demos, specialist traders, model displays and lots more!

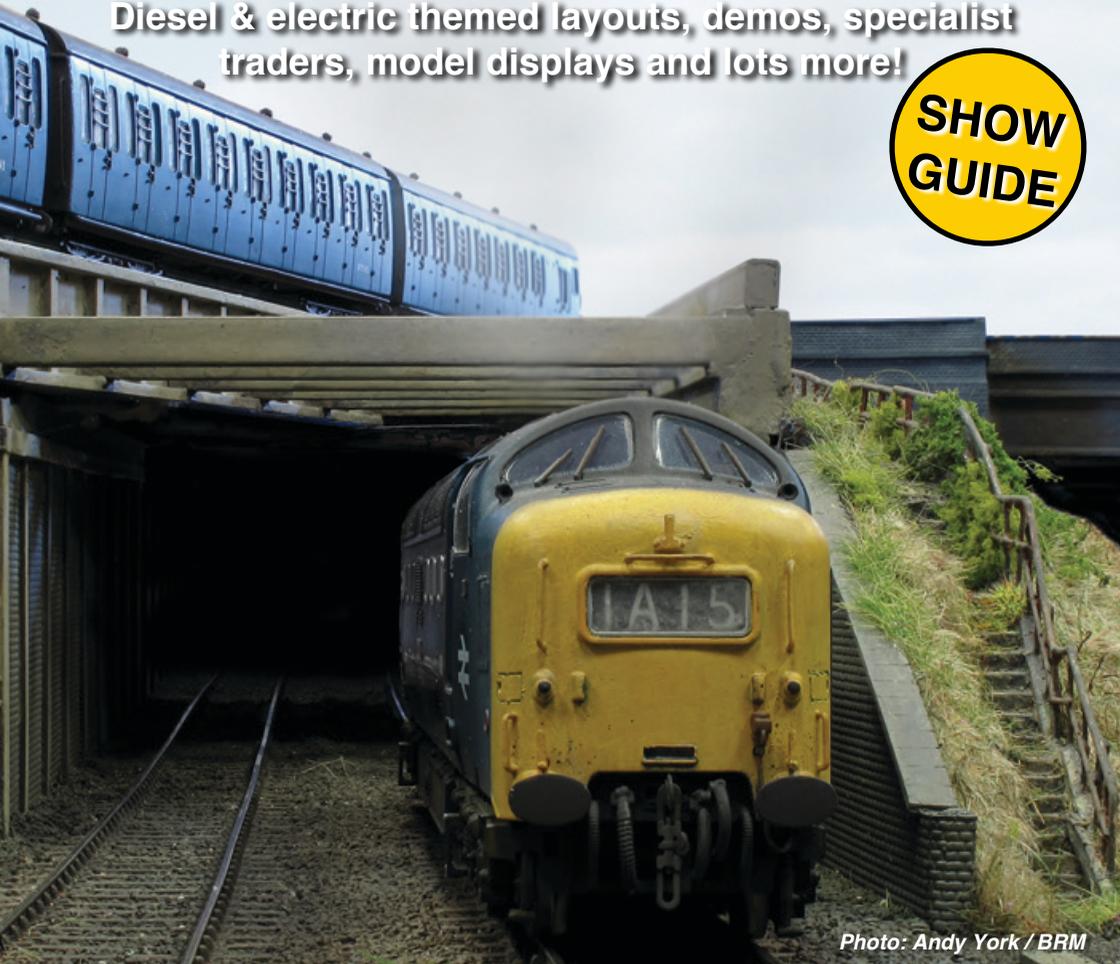


Photo: Andy York / BRM

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welcome to *demu showcase 2019*



Dear Visitor

A very warm welcome to all our members and visitors to DEMU Showcase 2019: the premier UK show for the Diesel and Electric era modeller!

Once again, we have scoured the whole of the UK searching for quality layouts, both club and individually-owned, that portray the best D&E modelling.

As you may be aware, this year we had planned to move to a larger venue in Burton on Trent, the Meadowside Leisure Centre. Sadly, a change of purpose of the main hall at Meadowside at the start of 2019 left us looking for a new venue at short notice. Luckily, we were able to secure Greenbank Lesiure centre in nearby Swadlincote enabling us to remain in the same area of the country in a venue of comparable size. At the time of writing, we are unsure whether we will remain in Swadlincote for 2020, but rest assured we are working hard looking at venues across the midlands with the intention of confirming the location shortly.

We also hope that if you are not already a member, that visiting the show has inspired you to join DEMU. If you would like more information, who we are and what we do, make sure you visit the DEMU Zone where the friendly team will introduce you to the society and all its benefits.

Thank you and enjoy 2019 Showcase.

Guy Molyneux & John Norton

DEMU Showcase Team

The organisers reserve the right to substitute or omit any part of the exhibition without notice. This guide is published by Diesel and Electric Modellers United, and its contents are believed to be correct at the time of going to press, although the group cannot be held responsible for any errors or omissions. The exhibition is organised by the DEMU Showcase Exhibition manager and his team on behalf of DEMU with any surplus being donated to the development of the aims and objectives of DEMU.

About demu

DEMU is a society formed by a small group of modellers in 1994 to cater for the post modernisation plan railway modeller. It caters for all scales and levels of modelling experience, you don't have to be a really experienced modeller to join us, as we have members ranging from novices just starting out on building that first kit, right through to modellers who heavily convert, build or detail their stock.

DEMU has a journal, 'UPDate'. This is an excellent quarterly magazine, and it aims to cover subjects that the mainstream modelling press might not choose to cover.

We have also formed various Area Groups over the years (see below), these are ideal if you wish to meet up with like-minded modellers in your own area.

The society offers a drawing service that members can access. This is ideal for those who are into scratch building rolling stock.

Then there is the online forum and wiki. The forum is a very important tool for DEMU as potential new members can browse the public sections of the forum to get an idea of what we are about.

Area groups

As a national society, DEMU has members all over the UK and indeed in Continental Europe, the Americas and Antipodes! Over the last few years, members have formed themselves into area groups and these informally organise events throughout the year.

If you wish to take part and expand your network of modelling friends – feel free to join in! For more information see the display in the DEMU Zone or via the forum.

membership rates

ADULT £21.00
OAP (Over 65) £18.00
Junior (U16) £18.00
Family (UK) £23.00
Rest of World £28.00

The demu forum

The DEMU forum is a lively online community, open to all DEMU members, allowing them to communicate with each other to swap information, ask questions and conduct research no matter where they are located. Since the Forum was launched in November 2005, there have been over 195,000 posts on a huge variety of topics such as rolling stock, track, signalling, prototype operations and inspiration. Many members also post their current modelling work in-progress, to stimulate discussion with and learn from others.

If you would like to find out more or have any questions, please ask at the DEMU Zone. To join, register with your name and current DEMU membership number at www.demu.org.uk/forum

The demu wiki

We have created a "wiki" for members. If you have not come across a wiki before - the most famous is Wikipedia - they are a way of collecting and collaborating on information. The idea is that all DEMU members will be able to access the wiki and contribute to or read the information. The wiki is not designed to replace the forum, but to complement the forum - it is easier to organise information in a wiki, whereas the forum is better for discussion.

The wiki is available at www.demu.org.uk/wiki - you will need to login and the user name and password are the same as your details for the DEMU forum.

The demu zone at showcase

The DEMU Zone is located near the entrance in the main hall. Here you will find information on the society, our 'UPDate' publication and also if you are not already a member, the opportunity to join us. There will also be a selection of DEMU merchandise on sale. There will be displays about the DEMU forum and the area groups.





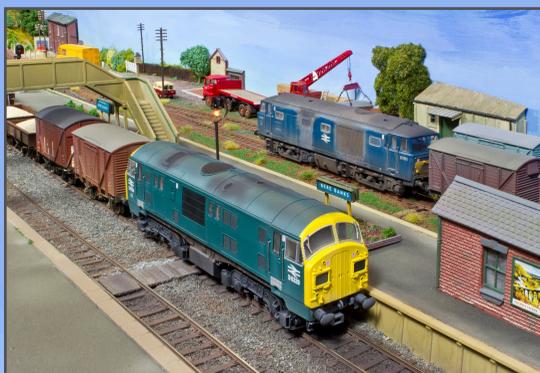
BERE BANKS

4mm OO Gauge
presented by Keith Sully

Bere Banks is based on the station at Bere Alston serving the junction for the Gunnislake branch over the Calstock viaduct. The layout supposes that the line remained open between Exeter and Plymouth, on the BR Southern route via Okehampton and the ballast quarries at Meldon high on Dartmoor. The station is still open today on the Tamar Valley Line, even though in reality the through route to Meldon closed in May 1968 from Bere Alston onwards.

This weekend the we are running a summer timetable in the mid seventies, look out for fruit, MOD, ballast and diversions working to and from Plymouth as well as the local services to Tavistock and Gunnislake,

Layout is DCC controlled, with code 75 OO track and all the buildings scratch built based on the structures you can still see today.



Photos: Hornby Magazine





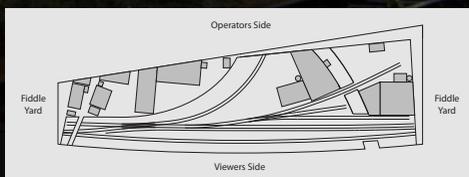
BRETTELL ROAD

4mm P4 Gauge

presented by Jim Smith Wright

BretteLL Road is a bit of a 'what if' layout based in the Black Country. It takes the basis of Kingswinford Junction as a loose track plan with the feel of local buildings for scenery. With a more midland feel than the actual location the layout is set towards the end of the 1950's with steam giving way to diesels (we will be showing the layout at showcase with a stronger diesel bias than usual).

The layout represents a rainy, autumnal evening.





DALNOTTAR RIVERSIDE

7mm O Gauge
presented by Scottish Diesel &
Electric Group



Rail' magazine in December 2014. After repatriation to Scotland, the layout was completely rewired to DCC operation in 2015 by James Reid of the Scottish Diesel & Electric Group.

Dalnottar is located on the north bank of the River Clyde near Kilpatrick between Dalmuir and Bowling. There were two railways through this area linking Glasgow with Dumbarton. The line still in use today was built by the North British Railway Company. The other line, built by the Caledonian Railway, was closed after becoming a victim of the 'Beeching' Act in the late 1960s. The word 'Riverside' was added to the line's Caley stations by British Rail in order to distinguish them from the North British stations. The 'Riverside' line remained as a single line stump from Clydebank via Dalmuir to Dalnottar to serve local industries there. Shell Oil had a fuel terminal at Dalnottar, located at the end of the line. Other customers on the line were Chivas Regal, Arnott Young (shipbreakers). A coal yard was also situated on the line.

The layout is set within the Summer of 1979 with the premise being that during this time, the line still saw the regular use of short-formed passenger trains and DMUs serving Glasgow and Dumbarton along with a multitude of mixed-raked freight trains serving the various industries on the line.





THE BRIDGE

1:450 Scale T Gauge
presented by Doug
Kightley



The Bridge is simply what the name says, it's "the" most famous railway bridge in Great Britain, the railway bridge over the Firth of Forth. It is considered an iconic structure and is the symbol of Scotland, and is a UNESCO World Heritage Site. It was designed by the English engineers Sir John Fowler and Sir Benjamin Baker.

The layout is built in 1/450th scale, which is the only scale this bridge can be depicted in its full detail. The track runs from Dalmeny station to the south, over the 8,029 feet (2,467m) structure spanning the Firth of Forth to North Queensferry station.

The layout has eight 1 metre sections and demonstrates 21st Century building techniques. The entire bridge and all of the 300 plus buildings have been designed and 3D printed by Doug Kightley, the builder of the layout. There are a total of just over 1,300 3D printed parts. Road layouts and details utilise 2D CAD design techniques based on satellite photographs, and all shrubbery and trees are scratch built.

The Bridge is depicted in its current day state (ie post the major repaint) and rolling stock will be post-steam era.

The Bridge made its first exhibition appearance in June 2016 at the GCR Model Event and has made many appearances around the UK. Its notable appearance was at Model Rail Scotland in February 2017, where the layout won the trophies for Best Visiting Layout and Overall Winner and was one of the most visited and talked about layouts by visitors to the show. The layout has also won at least four other "Best in Show" and other awards.

The layout will feature DCC control of the locomotives using the newest and smallest DCC decoder. The DCC control system is based on the MERG (Model Electronics Railway Group) and will feature full computer control of all of the trains on the layout.



GREAT ENDON

4mm OO Gauge

presented by Jeremy Davison

Great Endon is a fictional location in Lancashire set on the proposed extension of the Preston to Longridge Branch that was never built. Had this line been extended, it would have finished at Clitheroe, allowing a direct link to the Settle to Carlisle line.

The layout represents a modernised track plan when the original double track line has been reduced to single track. This leaves an island platform station, allowing trains to pass. The layout also features, a rubber factory a small freight depot, and a permanent way servicing depot that was originally the local loco servicing point in BR days, now operated by Balfour Beatty.

Passenger trains are typically made up of a variety of one or two car DMUs with the occasional Voyager travelling on a cross country route. Freight and infrastructure trains pass through the station on a regular basis with some trains servicing the factory and depot. The permanent way servicing depot sees an eclectic mix of equipment including snowploughs, an MPV, RHTT and a range of other track measuring equipment.

The layout features working semaphore signals (including operational ground signals) with point interlocking and DCC control allowing for realistic full independent control of the trains. (This keeps the operators busy as two trains approach the island platforms from each direction along what is effectively a single track!).

Please feel free to ask any questions

Photos: Derek Shaw / Hornby Magazine





HORNSEY BROADWAY

4mm EM Gauge
presented by Kier Hardy

Thank you for taking the time to join us watching the trains go by at this North London location, Circa 1970. Don't forget to bring your pad and pencil, and hopefully you'll go home with a few new numbers to underline in your ABC pocket book!

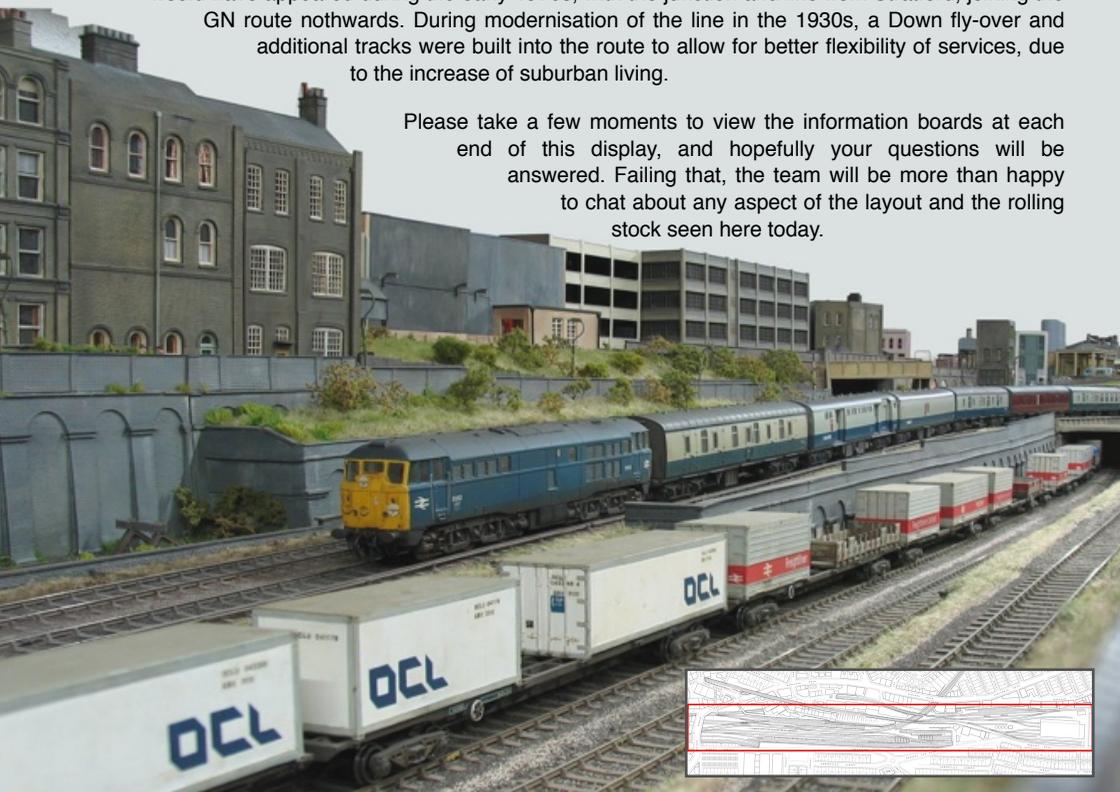
There are a number of limited vantage points in the Metropolis due to the built up nature of the area, but here we will be able to see a good cross section of express passenger and suburban trains, along with a wide variety of inter-regional freight making its way to and from the marshalling yards and industries of East London.

To the left is Hornsey Broadway station, originally constructed by the LNER on a route known as The Northern Heights Railway, which reaches far into suburbia with connections to the Midlands and The North. To the right are routes diverging to the East, and to the South via Hornsey Tunnel and beyond towards Kings Cross & Broad Street. In addition to this flurry of activity, the motive power depot at Hornsey Road is kept busy with diesel servicing requirements for the division.



Hornsey Broadway sets out to represent the line as it would have appeared during the early 1970s, with the junction and line from Stratford, joining the GN route northwards. During modernisation of the line in the 1930s, a Down fly-over and additional tracks were built into the route to allow for better flexibility of services, due to the increase of suburban living.

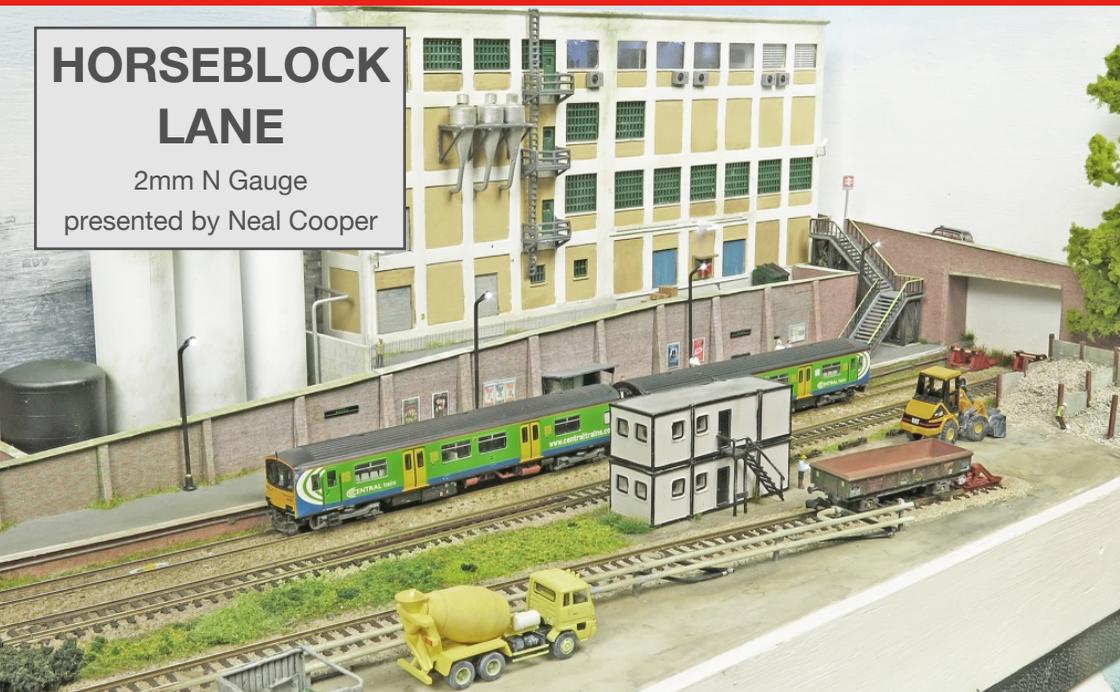
Please take a few moments to view the information boards at each end of this display, and hopefully your questions will be answered. Failing that, the team will be more than happy to chat about any aspect of the layout and the rolling stock seen here today.



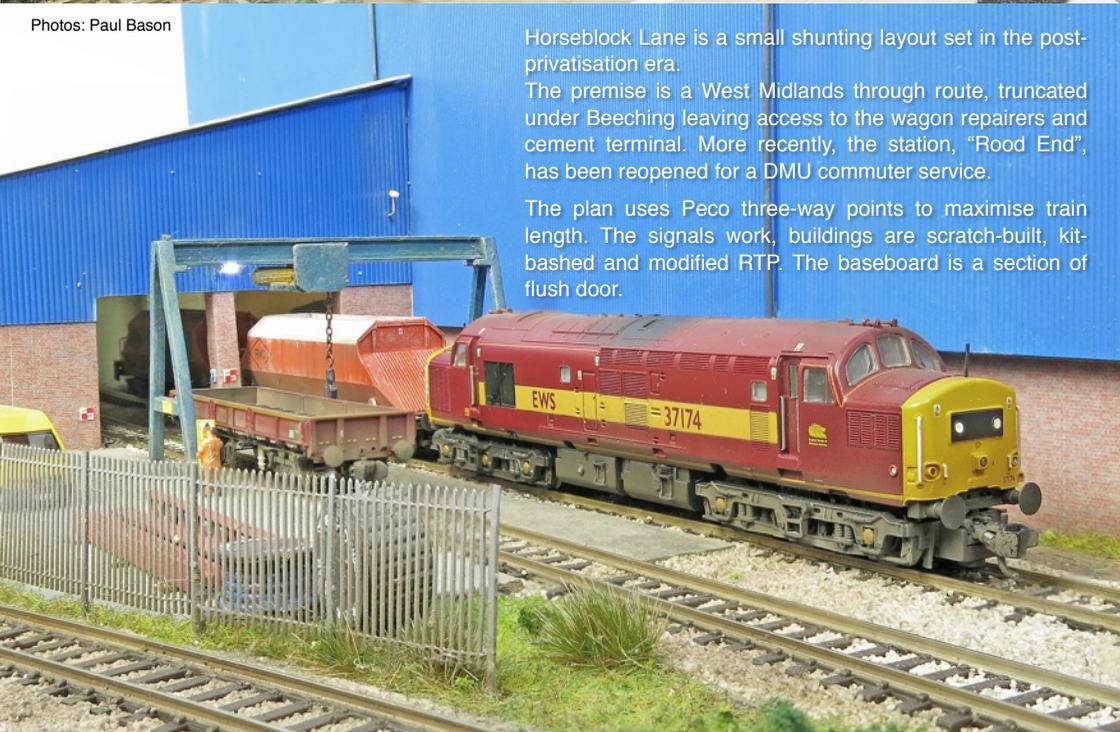


HORSEBLOCK LANE

2mm N Gauge
presented by Neal Cooper



Photos: Paul Bason



Horseblock Lane is a small shunting layout set in the post-privatisation era.

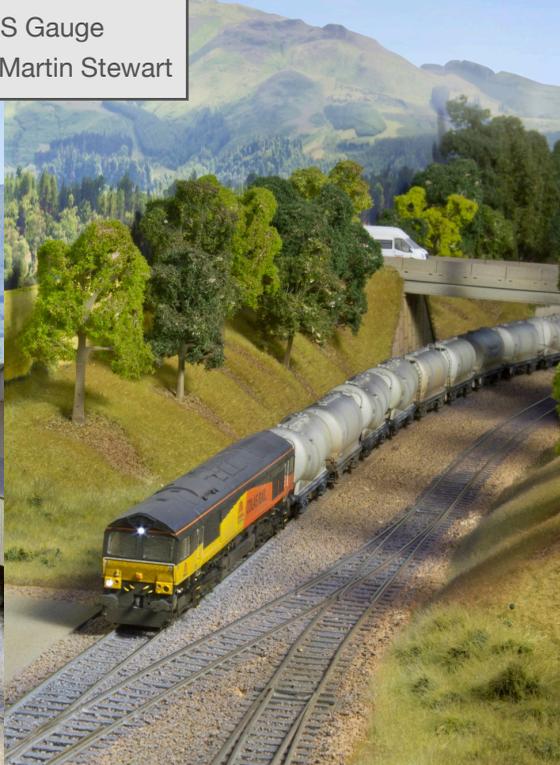
The premise is a West Midlands through route, truncated under Beeching leaving access to the wagon repairers and cement terminal. More recently, the station, "Rood End", has been reopened for a DMU commuter service.

The plan uses Peco three-way points to maximise train length. The signals work, buildings are scratch-built, kit-bashed and modified RTP. The baseboard is a section of flush door.



KETTON CEMENT

2mm 2FS Gauge
presented by Martin Stewart



Ketton Cement is loosely based on the real Ketton Cement Works in Rutland. The layout utilises modellers licence to run modern mainline diesels through the works with Blue Circle branded wagons.

Typical operations revolve around loaded coal trains running through the works to drop fuel for the kilns then running back through empty. Empty cement tankers enter the loading silo's and leave full while passing trains with empty Cargowaggons collect palletised bagged cement and aggregates.

Ketton Cement also features a wagon repair siding where general maintenance and wheel set replacement is common place.





NORWOOD ROAD

4mm OO Gauge
presented by Simon Paley

Norwood Road is a Contemporary Southern Region layout of the railway around West Croydon in South London, it features third rail EMUs and a model of the Croydon Tramlink. The layout is DCC controlled and signalled through a fully prototypical interlocked signalling system using Micro-Processors.

Photos: Andy York / BRM





the layouts

The layout represents a small suburban station in South Manchester with a PW yard exit track behind. The Line beyond is closed for engineering works, so trains are terminating, before heading back to Manchester.

Track is Exactoscale on the platform roads with C&L in the sidings, laid on cork and ballasted with Woodland Scenic Materials. Peco code 75 is used in the fiddle yard. Buildings are either kit-bashed, or scratch-built using embossed plasticard on balsa wood shells.

Signals are Traintronics, controlled by simple toggle switches. The Overhead Catenary is mostly "N Brass" Lattice structures with Sommerfeldt wires and a couple of scratchbuilt masts. Pantograph's are either Sommerfeldt, Hornby/Lima hybrids or Hurst Models Hi-Speed Kits.

Layout control is DCC, powered by a Lenz SET 100 and running Touchcab on various I devices. DCC motive power is either fitted with ESU or Zimo sound decoders, mostly with enhanced bass speakers.

If you have any questions on the construction of the layout or its stock, the operators will be pleased to try to answer them.

Photos: Guy Molyneux



PARROTT HALL

4mm OO Gauge
presented by Kev Pearson



Readham came from the desire to have a modern image DCC sound layout where the locos weren't just at a constant speed and 'sound' and it had to have 2 main design features – a station that would allow full size passenger trains and a

tram running through the streets. The architectural influence was also important and the architecture of Cheltenham and the stunning modern Reading station have been the key influences, hence the name of the layout 'Readham'. All of the buildings

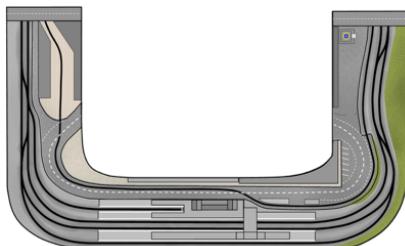
feature a high degree of detail and many are replicas of buildings seen in Cheltenham, with others being 'inspired by'! Everything you see is scratch built from plastic sheet, plastic profile sections, brass rod, foam board, texture paper, spray and hand painted, and 3D Printed components.

The layout has features that make it 'personal' to the builder, for example the Ambulance - as his daughter is a Paramedic, the Showmans yard - as the builder and his son are Fun Fair and Theme Park enthusiasts, and there are many more personal links like this on the layout.

The layout is controlled using a combination of NCE Power Pro, JMRI Software and iPhones/iPads.

READHAM

4mm OO Gauge
presented by
Steve Cox





E3 ABC Workshops

ABC Workshops specialise in weathering, renumbering and DCC sound fitting (legomanbiffo) to 4mm locos and rolling stock. 7mm commission work undertaken. Contact: Alex Carpenter, Tel: 01773 827017, Web: www.abcworkshops.co.uk

W18 BH Enterprises

Manufacturer and supplier of an extensive range of quality brass, white metal and plastic N gauge model railway kits, scenic items and accessories. Web: www.bh-enterprises.co.uk

E24 Booklaw / Santona Publishing

The largest transport bookshop in the Midlands. Online catalogue, free 64 page catalogue sent post free. Over 8000 new, recent and remainder titles available. Large stocks of DVDs. Web: www.booklaw.co.uk

W10 C Rail

Supplier of intermodal wagon containers in both kit and RTR, and transfers. Contact: Arran Aird, 'Morven', Roome Bay Avenue, Crail, Fife KY10 3TR. Tel: 01333 450976, Web: www.c-rail-intermodal.co.uk

E21 DCC Supplies

You will find a comprehensive range of DCC equipment from many of the major manufacturers. Plus all the accessories you may need for your model layout including a wide range of informative books, track, kits, tools, modelling and scenic materials and more. We also offer advice and have a series of training workshops from beginners to advanced and manufacturer specific. Phone: 0845 224 1601 (+44[0]1905 621 999) Fax: 0845 224 1604 (+44[0]1905 621 534).

Email: info@dccsupplies.com

W11 DC Kits

Leading supplier of plastic multiple unit and locomotive kits. Black beetle & bull-ant main importer within Europe. Ask for Charlie. Web: www.dckits-devideos.co.uk

W3 Electra Railway Graphics

Quality vinyl overlays for N and OO. Web:

www.electrarailwaygraphics.co.uk

E4 Howard Loftus Books

Specialist in British modern traction railway books. Tel: 01909 771408

W6 Kernow Model Railway Centre

We stock a large range of new models in all scales and all the popular brands. Exclusive limited editions and worldwide mail order are specialities of ours. Our team are always happy to take your call on 01209 714099. We are open seven days a week so why not come and make a visit to Cornwall! Find us at 98A Trelowarren Street, Camborne, Cornwall, TR14 8AN or visit our website for all our items - www.kernowmodelrailcentre.com.

E17 Modelu

Modelu specialises in high resolution 3D printing of scale figures and detailed components for Railway Modellers. Services include 3D Design, Scanning and Printing. Web: www.modelu3d.co.uk

W4 N Brass Locos

Kits for OHLE supports and rolling roads in N, OO and O gauge. Web: www.nbrasslocos.co.uk

E15 Penbits

PenBits offer etched brass kits for adding sprung suspensions to proprietary 4mm scale diesel locomotives as part of a conversion to EM or P4 gauges. A wide range of Bachmann and Heljan locos is covered. Web: www.penbits.co.uk

W5 Railroom Electronics

Stockists for Viessmann, Langley Models, Model Power and Railroom Electronics. Eckon, Berko, Traintronics, Model Power, Viessmann, and Gaugemaster. Web: www.railroomelectronics.co.uk, Phone: 01929 550623

E18 Rainbow Railways

Model makers based in Falkirk. We specialise in supplying completed modern image models resprayed to professional standards. Vast range of DRS transfers in N, OO and O gauge. Web: www.rainbowrailways.co.uk, Tel: 07879 511403



E2 Railtec Transfers

Manufacturer of waterslide transfers for all gauges and hobbies, covering a vast range of modern era including Network Rail, Colas, DRS, Northern Belle, West Coast & many more. Web: www.railtec-models.com

W9 Realtrack Models

Ready-to-run multiple unit and wagons. FLA Freightliner flat already released, with Class 143/144 'Pacer' under development. Web: www.realtrackmodels.co.uk

E5 Replica Railways

Own range of 'OO' Gauge Spares and Accessories. Own range of 'Waterslide' and 'Rub- Down' Transfers for 'N', 'OO' and 'O' Gauges. Web: www.replicarailways.co.uk

E10 S-Kits

Offering a large range of contemporary wagon kits, detailing components and scenic items. Email: infoshrapnel@btinternet.com, Mail: 16 Barrow Road, Sileby, Loughborough, Leicestershire, LE12 7LP

W15 Shawplan / Extreme Etchings

Comprehensive range of nameplates and detailing parts for the D&E modeller including the exciting new range of 'Laserglaze'. Web: www.shawplan.com Tel: 01773 718648

E20 TTC Diecast

The UK's fastest growing model shop, offering some of the lowest prices in the UK, TTCDiecast.com (Formally Loughborough MC) has grown from a small toy fair trader to one of the largest suppliers of model railway rolling stock in the UK. Post: 107 Nottingham Rd, DERBY, DE1 3QR. Web: www.ttcdiecast.com Tel: 01332 343 943

E6 Tim Horn Laser Cutting

Quality baseboard kits, display stands and replica nameplates. 9c Millers Close, Fakenham Industrial Estate, Norfolk. NR21 8NW Web: www.timhorn.co.uk Tel: 07920 510890

the demonstrators

E7 Wagon Detailing

Phil Eames and Colin Craig demonstrate detailing and modifying BR and private owner air-braked wagons.

E7 Scratchbuilding

Jon Hall demonstrates scratchbuilding techniques using the silhouette cameo cutter.

E7 Weathering

Mark Lambert and Mike Cubberley show you how to weather stock quickly and effectively.

E7 Altering Ready to Run Stock

Mick Bryant shows techniques for modifying existing stock to make unique items (and how to paint them yellow!).

M Modelling Military Traffic

A modelling display by Si Bendall



Time...



...after time

...after time



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floor plan

- | | | | |
|------------|----------------------------------|------------|------------------------------|
| W1 | DEMU Zone | E1 | Bachmann Europe |
| W2 | Horseblock Lane | E2 | Railtec |
| W3 | NTrain / Electra Graphics | E3 | ABC Workshops |
| W4 | N Brass | E4 | Howard Loftus Books |
| W5 | Railroom Electronics | E5 | Replica Railways |
| W6 | Kernow Model Railways | E6 | Tim Horn Lasercutting |
| W7 | Ketton Cement | E7 | Demos |
| W8 | Second Hand Stall | E8 | EM Gauge Society |
| W9 | Realtrack Models | E9 | Parrott Hall |
| W10 | C Rail | E10 | S-Kits |
| W11 | DC Kits | E11 | Modern Image O Gauge |
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| | | E24 | Booklaw / Santana |

demu showcase 2019 floor plan

- trader
- layout
- manufacturer / society
- demo / demu zone / 2nd hand

