



WAKEFIELD RAILWAY MODELLERS SOCIETY
60th Exhibition
30th September – 1st October 2023

Layouts

Ammobaux

OO9 – 4mm scale, 9mm gauge

Richard Pike

Ammobaux is a WW1 themed Inglenook shunting layout housed and displayed in a 3ft x 1ft ammunition box. The motive power covers the motive power provided by the allied powers. A shell has severed part of the line and makes shunting and operating of the layout a challenge.

Batterdale

Various scales

Suzie Batters

A demonstration layout that covers many aspects of making a model railway. Please ask any question so that we can help you get more out of your model railway be it as a beginner or more experienced modeller.

Boomerang Lane

OO - 4mm scale, 16.5mm gauge

Mark Murray

Boomerang Lane was originally called George Street Stabling Point 2, which was my first exhibition layout. I sold it but at an exhibition in 2017 I decided to buy it back! - hence its new name. After some modifications including new scenery and buildings it can now run as a Freightliner/DRS/Colas Rail/EWS/Network Rail or even a Scottish depot!

Track is code 100 with points worked by SEEP point motors. A Lenz DCC system controls the locos.

Burnroyd Works

OO - 4mm scale, 16.5mm gauge

Chris Burnage WRMS

A layout from the current Chair of the Club. Burnroyd is a modern period layout based around a steel fabrication plant and motive power dept. It showcases many of the modified and resprayed locomotives and features two revolving fiddle yards to reduce the amount of handling of stock. DCC controlled.

Crioch

EM - 4mm scale, 18.2 mm gauge

Peter Fletcher

The Inverness and Ross-shire Railway opened to Invergordon on the Cromarty Firth in 1863. Although initially intended to be the northern limit of the line, an extension via Tain to Ardgay on the Kyle of Sutherland followed in 1864, just before the Inverness-based railway companies merged to form the Highland Railway in 1865.

When Tain's wooden shed succumbed to fire in 1877, a neat two-road shed was constructed in stone and served the Highland, the LMS and finally BR until local services ended in 1960. The model on *Crioch* depicts this shed, which was located just south of Tain station and goods yard but separated by an overbridge. Like its twin, *Crioch* engine shed sits in splendid rural isolation to the south of the station loop; *Crioch* is, however, a fictitious location. The name derives from the Gaelic word 'Crioch' meaning 'end, limit, border', chosen to represent an imaginary burgh like Tain, but further north towards the Ross-shire border with Sutherland. The period represented is circa 1920.

Tain's turntable and water facilities were sited beyond the bridge at the station, but modeller's licence has provided *Crioch* with a typical Highland water tower, this example based on that which stood at Garve on the Skye line. The design of the over-bridge is taken from one crossing the Highland line east of Forres. All the buildings are scratch-built using a plywood shell covered with embossed plastic card, although the shed doors and glazing bars are from brass etches supplied by Lochgorm kits.

Point control is mechanical via a threaded rod operating a sprung tie bar and micro-switch. Operation is via an analogue cased controller. The layout is stored, together with two other small EM layouts, in a strip wood frame that occupies only a 110cm by 30cm footprint at home.

The Highland Railway Society publishes an attractive and comprehensive quarterly journal. Its web site can be found at www.hrsoc.org.uk.

Deadman's Lane

OO - 4mm scale, 16.5 mm gauge

Mick Bryan

Based upon the depot that maintains the Infrastructure Monitoring fleet, this layout provides the viewer with an opportunity to see many of the unique trains that make up this fleet. Add in a busy set of running lines and you can stand and watch a cross section of the modern railway scene pass before you. Careful research into the real trains has resulted in highly detailed representations of the stock.

Track is PECO Code 75 using large radius points wherever possible to enhance the impression of a main line.

Buildings are made using a cutting machine more used in the card making hobby but easily cuts thin plasticard. When mounted together and with the use of MDF, modern style buildings can be produced.

A good back scene helps set off a layout and I was fortunate to gain access to the real site. Most of the other details are readily available proprietary items, and I'm always on the lookout for new items via the likes of eBay, and the suppliers providing laser-cut, resin cast and 3-D printed items. The short overhead line calibration section has been built using Peco catenary parts.

Past experience of DCC-operated layouts, particularly with regard to sound, led me to separate the track wiring into power districts, each protected by their own circuit breaker, so if a short occurred in one area (usually by accidental run-through on point work), it would not trip out the main DCC system and lead to eerie silence followed by the simultaneous startup of all the sound fleet. If interested in the electrics of the layout please ask for more details!

Downtown USA

HO - 3.5 mm scale, 16.5mm gauge

Roger Nicholls WRMS

An exercise in small layout design Downtown represents a crowded inner-city yard which could be in any city in the US. It is what the Americans call "the wrong side of the tracks". The time period is 1961 to 1967. The track and points are from the PECO Code 100 range. Buildings are a mixture of scratch built and kitbashed plastic kits. All have been weathered to suggest years of use. The layout features sound equipped locos by Atlas, Bachmann and Proto2000. The models represent railroads from Southern Pacific, Rock Island and Chicago and North Western. Rolling stock is mainly by Athearn. DCC control is provided by NCE. The ground cover is a mixture of sand and woodland scenic grasses.

If you have any questions about any aspect of the layout and its operation do not be afraid to ask!

Dunsfold Road

OO - 4mm scale, 16.5mm gauge

Steve Saxby

This layout was built during the covid lockdowns and represents a NSE line somewhere in the south of England in the 1980s.

Emett's Halt

Gn15 - G (1:22.5) scale, 16.5mm gauge

Ray Clasper WRMS

This layout was inspired by memories of the very eccentric artist Roland Emett. Further inspiration was gained from the book "The Early Morning Milk Train".

Two Emmett trains are available made from Smallbrook Studios cast resin kits.

Extra and visiting trains are the “Greendale Rocket” from Postman Pat, Grandpa Pig train and Peppa Pig railmotor car. Another spare train is based on the estate railway of the Duke of Westminster at Eaton Hall in Cheshire.

Please enjoy and have a laugh.

Eyemouth

O - 7mm scale, 32mm gauge

Wakefield RMS

Eyemouth is a 7mm O gauge finescale project built by members of the Wakefield Railway Modellers Society. The model is based on the branch terminus at Eyemouth on the east coast of Scotland. Having settled on the North British Railway branches in Lothian and the borders, Eyemouth was chosen as we wanted a small achievable project given that most of the team were new to building an exhibition layout.

The model is based on the track plan as it was shown on OS maps around 1900 after the building of the new station building by the NBR, but before the removal of the run round loop which took place before World War One, and led the terminus to be gravity shunted.

While we are constructing stock to run the layout for the period modelled, we are indulging in some modellers’ licence in assuming that the run round loop was not removed, and so will also run stock from later periods.

The layout is scaled from the map to the correct length for the prototype. However, for practical and operational reasons, there has been some compression at the east end of the station, with the distance between the tracks being narrowed.

Mixed trains were the order of the day at Eyemouth, and the branch was run under one engine in steam rules. There were no signals. Points were operated from a small ground frame or with individual throws. Despite this, fish traffic and tourism made for a surprisingly intensive service and, in later years, locos as large as J39s and B1s operated the branch.

You can follow Eyemouth’s progress on RM web at [Eyemouth O Gauge](#)

The design of the layout was conceived by Sam Eastwood who constructed the baseboards, with assistance from his father John. The baseboards were kept as light as possible. Sam also designed the electrics for the layout which can be operated both as DC and DCC. Track is Marcway with C and L point work. Sam also built the station building, the bridge, designed the fiddle yard cassettes, and has recycled the lighting rig from a previous club layout Earlsheaton.

Colm Taylor has done much of the scenic work, using static grass on top of hanging basket liners over a chicken wire frame. Colm has also been instrumental in advocating the use of DCC on the layout. Club member Chris Mead kindly volunteered to make the “Eyewater” using techniques he has demonstrated on his own layouts.

Mark Sheridan has constructed the period NBR stock using Kits from Connoisseur Models and NBR specialists 62C models. Some of the stock is still to be constructed, so some stock from later periods may appear to keep trains running. Mark also made some of the smaller buildings.

Due to the branch being mainly worked by mixed trains, operation is not that of a usual branch terminus, in that every train has to be split and then re-marshalled before departure in what in reality were very cramped facilities.

Future possible developments on the layout will be the investigation of the installation of automatic uncoupling, and the addition of building interiors and working lights.

Harkness

EM - 4mm scale, 18.2mm gauge

Tony Bucknall

Harkness is based upon a Northumberland branch line terminus set in the 1948 to 58 period when the line and stock was in transition from the LNER to BR.

Hollybush

OO - 4mm scale, 16.5 mm gauge

Graham Hand

Hollybush is based upon the Longmoor Military Railway, featuring a running shed and set in the 1950s/1960s. The British Army had a railway that was used to train soldiers to operate railways and locomotives.

Kinlochewe

OO - 4mm scale, 16.5mm gauge

The Noel Group

This layout depicts Kinlochewe had the Skye and Dingwall Railway proposed branch line ever reached the town. The period depicted is late 1970s / 1980s. Traction is mostly classes 24/1 , 26 and [37](#) and some licence is used depicting Speedlink Traffic.

The terminus station depicts similar 'run round' procedures as employed at Kyle of Lochalsh with the arriving locomotive propelling its train to a point where, after uncoupling, it is able to run round it. On occasions a parcel van is detached before being propelled into the bay platform with the Royal Mail staff eagerly awaiting it.

The line has the same operating procedures as the Far North line at Georgemas Junction where an out-stationed locomotive attaches to a portion of the train. Kinlochewe fictionally assumes that this would have taken place at Achnasheen.

Freight occasionally calls at Kinlochewe the train calling being an Inverness to Kyle of Lochalsh working carrying general merchandise, oil tanks carrying fuel for the ferries, and cement for the oil rig construction facility at Strome ferry.

The town street is quite detailed, and yes, palm trees do grow on the West Coast of Scotland due to the influence of the Gulf Stream. The former goods shed is now used as a garage.

The station features a private platform accessed through ornamental gates. Its construction was a condition of sale of the land for the station site, the wealthy landowner requiring his own private platform.

Lambria Lane Sidings

OO - 4mm scale, 16.5mm gauge

Michael Swallow WRMS

This layout is the first I have built for an exhibition and demonstrates what can be achieved with shop bought track, buildings and locomotives. The scene is a shed in the preservation era.

New Millfields

N - 2mm scale, 9mm gauge

Pauline McKenna

New Millfields is a re-build of the layout Millfields, which was on the exhibition circuit from 2001 to 2011 when it was stored in the back of the garage until a new clubroom was found (for Bradford MRC) where there was plenty of room to put layouts up. The layout was taken there to be re-built and get working again with the intention of only doing a few shows.

Set in the period between 1985-1994, BR Railfreight, which still allows for a good selection of locos and liveries, mostly the triple grey livery with a lot of the celebrity liveries of the time.

All the track is Peco code 55 fine scale using Seep point motors operated with pushbuttons. A lot of the buildings are from the Bachmann Scenecraft range. All scatter material is from the Woodland Scenic range.

All locos are detailed and weathered, with close coupling of all stock.

North Landing

7mm scale, 16.5mm gauge

John Farline WRMS

North Landing, by the President of the Society, is a "what if" layout based on 1887 plans for a 3 foot-gauge steam-powered tramway from Flamborough station on the Hull – Scarborough line to North Landing on Flamborough Head.

Initial construction was to 5.5mm scale, allowing the use of 16.5mm gauge track to represent 3-foot gauge. After consideration of the amount of scratch-building that would be required, the decision was made to convert to 7mm scale retaining the 16.5mm gauge track. This allowed the use of commercially available parts, although many of the buildings and rolling stock have had to be scratch-built.

Scarlington

N – 2mm scale, 9 mm gauge

The Noel Group

Scarlington is set in the Northeast and viewers might recognise the North Eastern landmarks. For example, the two main bridges are inspired by those around Newcastle and the station roof from Darlington station. The period is the 1970s/80s giving an opportunity to run a wide range of stock. Visitors to Scarborough will recognise the cliff lift. A Woolworths shop helps set the period.

Stock is set in the Blue diesel era but there is the occasional steam special to spot as part of the extensive sequence of running. To keep the visitor interested in the layout whilst awaiting the next train there are various cameo scenes and even a game to play! To wet your interest the layout can be viewed at www.youtube.com/watch?v=YogWnZGZSKk

Thomas

OO - 4mm, 16.5mm gauge

Wakefield RMS

A welcome return once more for Thomas and his friends. There is the opportunity to drive a train around the layout with all the proceeds going to The Wakefield Hospice.