The Greenwich & District Narrow Gauge Railway Society presents

# Expo Narrow Gauge 2016

### Saturday 29th October 2016 10am to 5pm

White Oak Leisure Centre, Hilda May Avenue Swanley, Kent BR8 7BT

> Adults: £8.00 009 Society, 7mm NGA, GEMME / TDS members and concessions £7.00 Accompanied Children (6-16) £1.00

Layouts and Models in all major scales Traders and Manufacturers Modelling and Prototype Societies Demonstrations of Modelling Techniques www.expong.org www.gdngrs.com Europe's Premier Narrow Gauge Modelling Show!

Green End, by David Gander

## Welcome to Expo Narrow Gauge<sup>®</sup> 2016.

We hope that you will enjoy your day. The show is open from 10.00am to 5.00pm

Welcome again to Swanley for Expo Narrow Gauge 2016. As ever, we present the best in narrow gauge modelling from across Britain and our friends on the continent. We all hope that you will find something of interest amongst the exhibits.

We're sorry that Arenberg has had to be withdrawn this year owing to illness. We present Thakeham Tiles in its place, with thanks to Michael Campbell.

Refreshments are available in the main leisure centre complex. Please retain your ticket as readmission can only be allowed on presentation of a valid ticket. If you have any questions, please ask at the G&DNGRS stand (number one), or anyone wearing a Stewards' badge.

Cameras may only be used within the exhibition halls. **Photography is STRICTLY FORBIDDEN in any other part of the Leisure Centre** – anyone found using a camera outside of the ExpoNG halls will face the consequences of their actions.

PLEASE ASK BEFORE TAKING PHOTOGRAPHS OR VIDEOS – it is only courteous, and camera flashes and video cameras can often have an adverse effect on operation!

Exhibitors are pleased to answer questions about their work, but please wait until a suitable break in operation so as not to disturb their concentration.

The winners of our trophies and Challenge competition will be announced at around 3pm.

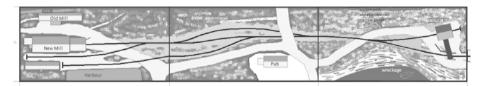
The David Lloyd Memorial Trophy is awarded by the G&DNGRS, the 009 Society and the 7mm NGA and The Reinier Hendriksen Trophy is awarded by the RACOONS Group.

Both are awarded for excellence in narrow gauge modelling. Last year's winners were the Escadrille Saint Michel group's 'Canal de Remainoul à Tournet' for the David Lloyd Trophy and John Bruce's 'Wherewithial Quay' for the Reinier Hendriksen Trophy.

This year, for our Annual Competition in honour of our late Chairman David Brewer, we chose 'tuning fork' layouts – a single point and three lengths of track – all within a specified space according to scale. We had twenty entries register and these are listed in this guide. It will be interesting to see how many have been finished! The entries are on show on stand 61 in the middle squash court.

#### Next year's Expo Narrow Gauge will be held on Saturday, 28<sup>th</sup> October 2017. See you there!

I) Greenwich & District Narrow Gaug	e Railway Society
	www.gdngrs.com www.expong.org
2) Neil Sayer Scale Modelling	www.neilsayer.co.uk
3) Mosskito Narrow Gauge neilmoss@turnermoss.	plus.com shop.narrowplanet.co.uk
4) Bowaters Models	info@bowatersmodels.co.uk
5) Narrow Planet	shop.narrowplanet.co.uk
6) Fourdees Models	www.fourdees.co.uk
7) Leighton Buzzard Narrow Gauge R	ailway www.buzzrail.co.uk
8) Roxey Mouldings	www.roxeymouldings.co.uk
9) The Corn Mill XL 4mm s	scale, 9mm gauge Henk Wust and friends



This is a joint project concerning the following persons: John & Jane Jacobs from the UK and Derk Huisman and Henk Wust from The Netherlands. Some years ago they agreed to build a joint layout in which the craftsmanship of each person comes to its very best. Jane is known for her accuracy in modelling buildings, John will take care of modelling the rolling stock and the fine mechanical things like fences and traffic signs etc, Derk will be in charge of the track laying and electrical wire department, while Henk can indulge himself in plastering the landscape and the scenery.

As is indicated by the name this layout concerns a corn mill (situated somewhere in East Anglia); but in fact it shows two corn mills - a 300 year old and abandoned corn mill, in those days driven by a water-wheel and a corn mill dated from the beginning of the 19th century, powered by a steam engine and still in use.

The old mill is a freelance creation of Henk, while the "new" one has been built by Jane; she was inspired by a corn mill near Market Rasen as it was standing there around 1955. In contrast with the original mill, the model corn mill has a narrow

gauge railway connection to the rest of the world. Also present here is a small harbour, complete with quay to transport the manufactured products by boat. Further down the old road at the viaduct we will find the inevitable English pub, where the hard-working labourers can slop away their daily portion of corn dust. This pub is also a model by Jane, as is the painted background scene.

As an XL version, this layout contains a third module, which includes a small bay with a wreck, an incline with an old deserted and abandoned narrow gauge line and a crusher where sand, gravel and stone pieces are being processed and transported. In fact we do see here in three time shifts the winning of sand and gravel; the old incline with its deserted narrow gauge line; the tube operation with conveyor belt to bring the excavated stones to the surface and the present crusher processing the sand, gravel and stone.

10) 5.5mm Narrow Gauge Railway Association	www.5andahalf.info
II) Blackham Transfers	www.blackhamtransfers.com
12) Parkside Dundas	www.parksidedundas.co.uk
13) 7mm Narrow Gauge Association and Sales	www.7mmnga.org.uk
14) N-Drive Productions	www.n-driveproductions.com

15) Pike's Pit 12mm scale, 32mm gauge Peter Hollins

Situated between Furzebrook & Creech in the Isle of Purbeck, Pike's Pits were where ball clay was mined since the mid-18th century. The clay was weathered, and then transported by tramway to Ridge Wharf for shipment via Poole to the potteries in Stafford, London and other parts of the world. After 1939 the tramway was truncated at Furzebrook, and the clay was then all shipped via the standard gauge Swanage branch of the Southern Railway, and latterly British Railways.

The tramway was built to 2ft. 8in. gauge, and was originally gravity worked until introduction of a steam locomotive built by Bellis & Seekings Ltd. in 1866. This was followed by "Secundus" from the same manufacturer in 1874, which is now preserved in Corfe Castle goods shed.

Pike's Pits is modelled in 12mm scale, in the 1950's period after the introduction of lorries, which eventually replaced the tramway altogether in 1959.

Fayle's tramway and Pike Brothers tramway are now in the process of being reborn in the form of the Purbeck Mineral and Mining Museum at Norden park and ride site on the Swanage Railway.

#### 16) 009 Society – Sussex Downs Group – Demonstration

www.009society.com

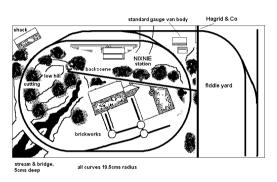
#### 17) Model Railway Press

18) Nixnie

#### 4mm scale, 9mm gauge

#### **Ted Polet**

Nixnie is a name halfway Dutch and South African slang and could be translated as 'nothing at all'. The layout was thrown together using all kinds of cast-off bits and pieces that somehow came together. There is no prototype it is vaguely Continental, but British outline models don't look out of place on it. Nixnie was intended as a demonstration



layout to show what can be done in a minimum area of 80x55cms, excluding the fiddle yard. I demonstrated various scenic techniques during the building process and put a photo album on the Dutch 009 Group website.

The layout is divided in two separate scenes, one featuring a tiny station and a siding into an industrial building (Hagrid & Co, the magical door of which gives access to the fiddle yard), and the other with a brickworks and siding. The continuous run passes around the backscene which is in the centre of the baseboard. On the curve is a bridge across a stream, and the main line passes through a 'tree tunnel' in the backscene to complete the circuit.

Rolling stock is a variety of smaller H0e and 009 models, mainly Minitrains and old Egger, and one or two smaller models from the Craigcorrie & Dunalistair layout.

19) Andrew Neale Books		www.railway-books.co.uk
20) Eileen's Emporium		www.eileensemporium.com
21) S&D Models		www.sanddmodels.co.uk
22) Steve Currinn Books	07796 863249	stevegwc I @blueyonder.co.uk

#### 7/8 inch scale, 45mm gauge

## 23) L'Aubraie



L'Aubraie is a 7/8n2 or 1/13.3e scale layout representing an industrial railway, from a quarry with cable shovel to a tipping dock in a truck. The challenge was to put it all over a length of 2.70 m.

www.amberleymuseum.co.uk

- 24) Amberley Museum & Heritage Centre
- 25) CWRailways

www.cwrailways.com

26) Worsley Works

www.worsleyworks.co.uk

27) Green End 4mm scale, 9mm gauge David Gander

Too many years ago to mention, a young man – frustrated through the lack of a layout – built something, threw it away, retrieved it, rebuilt it - and thus was born Green End. These days, that same old man (!) has lost both his mind and his hair and continues to take Green End out to the occasional model railway show – and will no doubt continue to do so until either it or he falls to bits, or he builds something new!

Green End represents a small narrow gauge terminus station at the end of a rural common carrier line. It draws inspiration from the Welshpool and Llanfair Light Railway in Mid Wales, although trains are run from a number of different lines.

The layout was built to try and show that a small, operationally and visually interesting, 009 layout could be built in a small space. I hope that it has been moderately successful in achieving its aims. At home, Green End sits on top of a run of bookshelves and therefore takes up no extra space in the room.

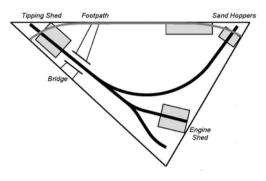
Locomotives and rolling stock are a mix of kits and modified kits. Some scratch built items also appear. I am indebted as always to my good friend Stephen Sullivan for providing many of the locos from his own collection. As originally conceived, Green End was a 'freight only' line, however these days we are a bit more relaxed in what we run!

#### 28) Wrightscale

#### 29) Thakeham Tiles 7mm scale, 14mm gauge Michael Campbell

The layout was inspired by the railway that served the Thakeham Tiles factory, and the book about the line written by Graham Lelliot. The company actually made concrete products; the railway was used to move different coloured sand from storage hoppers to where it was needed, and survived in use until 1982. The company still operates at the same site, but now uses a conveyor.

My model was built for a challenge at EXPO-NG 2013, hence the unusual shape, which actually fits the prototype line quite well. Most of the line is represented, from the hoppers to the tipper shed, with the loco shed and siding, though compressed and adjusted to fit the limitations of the competition. The locos and stock are of a



similar style to those that worked at Thakeham, so although not an exact model, I hope I have captured the feel of the prototype.

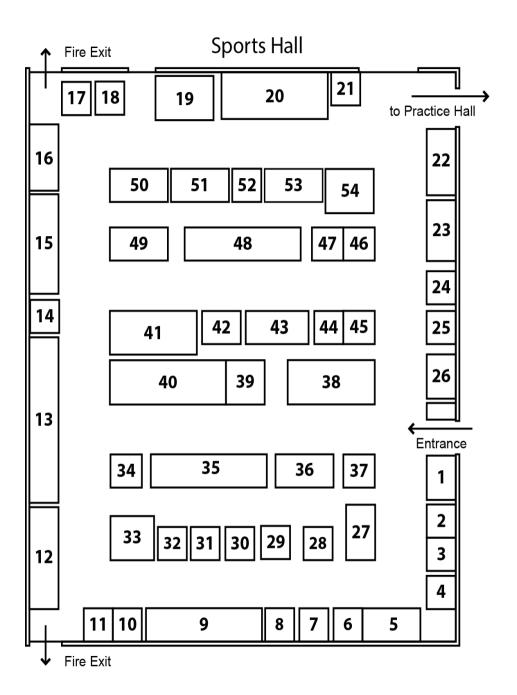
Track is hand-built using KB Scale components, wagons and locos are kit-built. For more details see my blog: http://michaelsrailways.blogspot.co.uk/

#### 30) Metropolitan Water Board Railway Society

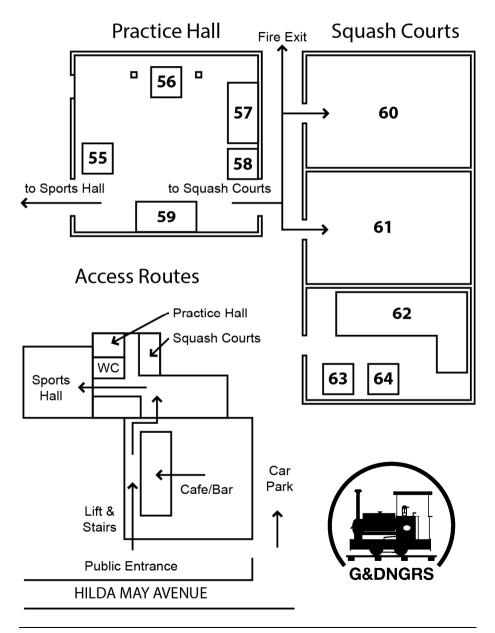
www.hamptonkemptonrailway.org.uk

31) David Provan	davi	d.provan@btinternet.com
32) Model Railway Dev	velopments	www.emardee.org.uk
33) AI Models		www.almodelsuk.com
34) Golden Arrow Mo	dels	www.goldenarrow.me.uk
35) Up The Line	7mm scale, 16.5mm gauge	Kevin Hughes

During the latter part of World War One a very extensive system of narrow gauge light railways was developed to bridge the gap between standard gauge railheads and the front lines. Up the Line depicts one of these railways at 7mm to the foot using OO gauge track at the point a couple of miles behind the lines where petrol tractors take over from steam locos.



We have been made aware that the bar and seating area adjacent to the main hall has recently been converted into an exercise studio! A new bar has been created back towards the café area.



Although not based on any particular location I have recreated many individual scenes from contemporary photographs mainly in the Arras area.

Everything is either scratch or kit built using many up to date techniques including 3D printing and sound fitted locos. If you would like to know more about the construction of this layout, I have been recording its progress in a blog on www.rmweb,co.uk.

#### 36) Moseley Railway Trust / Narrow Gauge Railway Society

www.mrt.org.uk / www.ngrs.org

#### 37) Gramodels

#### www.gramodels.co.uk

#### 38) Buccabury Town 4mm scale, 9mm gauge Buccabury Group

Built in 1919, the narrow gauge Buccabury Light Railway (BLR) transported bricks from the Buccabury Brickworks, c3.5 miles to the standard gauge exchange sidings at Charndon, on the L&NWR Oxford to Cambridge line. A station was built on the outskirts of Buccabury and provided with a single platform, loop and small goods bay with cattle dock. Loco facilities were minimal and the industrial line bypassed the station. Motive power and rolling stock were primarily ex-War Department with other stock purchased as needed.

What you see here is a representation of the Brickworks, the station area and original clay pit tramway set in the late 50s/early 60s and shows typical light railway infrastructure amid the scenic Chiltern Hills.

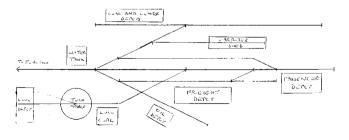
#### 39) Port Wynnstay Models

www.portwynnstay.co.uk

#### 41) Franklin

40) EDM Models

 $\frac{1}{4}$  inch scale,  $\frac{1}{2}$  inch gauge



Franklin is the latest part of my foray into North American narrow gauge modelling, and is the portable terminus of a small 2ft gauge branch line up the Kettle

River valley. At home, this feeds into my 220ft long 3ft gauge main line depicting narrow gauge operation in the Rockies of British Columbia.

www.ngtrains.com

#### **Bob Harper**

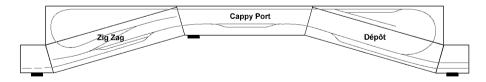
This new section is based on the 2ft lines in Maine, USA, and was originally inspired by the exquisite Bachmann models of the typical Maine Forney tank engines. The station is mainly based on Bridgton, on the Bridgton & Saco River Railroad, but some of the buildings are from the Sandy River & Rangeley Lakes Railroad, both in Maine.

I agonised for some time as to whether I should stick with the Bachmann 00 track gauge of 16.5mm, or re-build the locos and stock to true 2ft gauge, and the masochist in me finally won. Built to American  $\frac{1}{4}$  inch to the foot scale, ie 1/48th, the track is all hand built to  $\frac{1}{2}$  inch gauge. Some of the locos are re-gauged Bachmann, whilst the rest are brass imports from the Far East. Most of the rolling stock are now kit or scratch-built models of genuine Maine vehicles, with the correct long, narrow, and "hunkered-down" look of the prototype.

Operation is from the front of the layout, and uses the Lenz DCC system with sound and lights in the locos. I have just moved up a technical notch, and can control the trains wirelessly using an app on my iPad.

42) Branchlines	01373 82223	I sales@branchlines.com
43) Smalspur Nederland		www.de-spoorzoeker.nl
44) Slim Gauge Circle		www.slimgaugecircle.com
45) British Overseas Historica	l Railway Trust	www.bohrt.org.uk
46) Avalon Line Models		hmartin3611@btinternet.com
47) Black Dog Mining Co.		www.pepper7.com

48) P'tit train de la Haute Somme 4mm scale, 9mm gauge AMAL (Association des Modélistes d'Amiens Longueau)



Built by members of the "Association des Modélistes d'Amiens Longueau", this layout is a reproduction of most significant places on the historic line called "P'tit train de la Haute Somme" in the east of the Somme department.

It was built to be first displayed during the Centenary of this 60cm gauge line in May 2016. This line is the only surviving part of a more than 400 km network built

to supply the front during the Battle of the Somme in 1916. Three major places are reproduced: the workshop and the coaches shed on the right; Cappy station with its now disappeared track along the river, and the famous Zig-Zag in Cappy wood. All buildings are home built, as is much of the rolling stock.

#### 49) SNCF Society

Wharf - A freelance based

details from Tywyn

Brook

prototypical

Fictionally

on

Grindley

lavout

scenic

Wharf.

#### 50) Grindley Brook Wharf / Dwarfie Stane Quarry 4mm scale, 9mm gauge

based on a terminus at the end of a 2ft narrow gauge line transporting, slate, coal, machinery and farm produce to a standard gauge exchange.

The terminus boasts an engine shed and locomotive works suitable for patching up the lines permanent way and stock. This is a compact shunting layout suitable for only the smallest of locomotives and stock. Stock consists of ex guarry and freelance tram locomotives and a variety of ex Corris, Talyllyn and Festiniog coaches and wagons. Buildings and structures are a mixture of kit and scratch built items to a freelance design. The idea of the layout was to build something under £150, which offered operational potential and an interesting scenic backdrop for an expanding 009 collection.

> Dwarfie Stane Quarry – The idea of this small layout was to experiment with scenic features and whilst doing so create a layout with left over pieces from the modelling box. The total cost comes in at about  $\pounds 50$  from start to finish but this is mainly due to reusing and recycling things to hand. The location of the quarry lies at the other end of Grindley Brook Wharf, the quarry being one of the reasons for the line's creation. The idea is to exhibit both layouts together although neither will ever be connected.

#### 51) Aubertrain

#### 4mm scale, 9mm gauge

The Dutch Tramfabriek (Tramworks) is presenting a street in a small village ten miles (16 kilometres) north of Amsterdam. It depicts the tramway that left

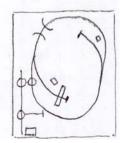
52) Tramfabriek

#### Sven van der Hart

www.aubertrain.com

www.sncfsociety.org

Tim Ellis



Amsterdam for Edam, passing some beautiful villages, including Monnickendam. Many of the houses you see are accurately reconstructed, or as much that is possible from black and white pictures from around 1900. Those houses are scratch built with paper, used cereal boxes (with incidental cardboard from spareribs and ice cream boxes). The design of the houses happens on a computer using 2D design software, after which they were cut out of paper with a Cricut Explorer cutter. Details have been added using Evergreen strips, but that has been avoided where possible. The main goal of the development of this layout was to use as less as much paper as possible and commercially available products. The roofs are made of corrugated cardboard and details like the ornaments in the window above the door of one of the houses (search for it!) are self-designed items, which have been etched in brass. The few houses you see that are not homemade, are temporary and will be replaced in the future.

The locomotives you see are 3D prints, also made by the Tramfabriek and run on the famous belt drive. This originally brilliant design by Nigel Lawton has been adapted and re-engineered, so now they are easier to build and to service. Other rolling stock you see is either homemade 3D prints or adapted EggerBahn and Parkside Dundas kits. If you like to know anything about the techniques, please don't hesitate to ask.

#### 53) Greenscene

www.green-scenes.co.uk

#### 54) Trinca-Vecnou 7mm scale, 14mm gauge Escadrille St Michel

The site is imaginary, the theme is a company that operates a small bauxite deposit.

On the site two track gauges co-exist. Two trains of three narrow gauge wagons allow the transport of ore by a shuttle between the extraction site and an unloading building. Inside, the wagons are emptied into a standard gauge wagon. Then a BREUER locotractor routes the standard gauge wagon to another part of the factory where the ore will be processed to be made into aluminium.

A bridge allows the narrow gauge to go over the standard gauge. This bridge is moveable to release the standard track gauge. To access this bridge there is a difference in level. The narrow gauge trains must use a sloping path by making a zigzag motion.

#### 55) 2mm Scale Narrow Gauge Group www

#### 56) Enigma Quay 7mm scale, 9mm gauge Richard Williams

The layout is a fictional representation of an 18" gauge dockside tramway system, heavily inspired by the real life operations in Woolwich, Chatham and Deptford in the late 19th and 20th Centuries. I was intrigued by the combination of minimum

www.2mm.org.uk

www.green-scenes.co.uk

gauge, intensive operation, and the jumble of industrial buildings. I've attempted to capture some of this in a slightly more compact setting, as the layout was always intended to be small and self-contained.

The layout's odd shape was dictated by the fact that it lives in my sitting room at home, on top of an Ikea 'MICKE' corner desk which serves as my office/modelling area! It has an 'invisible shelf' that is about at most people's eye line when standing, and the shape allowed a wraparound effect with the layout that I think helps the viewer

> The locos featured are a couple of Bagnall saddle tanks - inspired by the locos from Woolwich and Chatham. but not portraying any specific example. The Ruston ZBT diesel is based on the ones that ran at the Royal Gunpowder Factory. A mix of Bachmann MDT and Fleischmann 7000 chassis provide the power, with the

bodies being scratch built on top. Rolling stock is a mix of kits, kit-bashed and scratch built to provide a generic mix of wagons.

#### 57) Darjeeling Himalayan Railway Society

#### 58) Locos and Stuff

59) Lynton & Barnstaple Railway Association

#### Important – please retain your admission ticket for access to stands 60 to 64 in the squash courts

#### 60) 009 Society Members' Sales

#### 61) The David Brewer Challenge entries - 'Tuning Fork' layouts

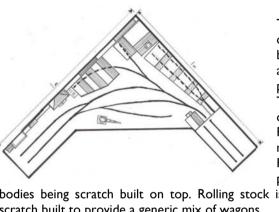
This year, for our Annual Competition in honour of our late Chairman David Brewer, we chose 'tuning fork' layouts - a single point and three lengths of track all within a specified space according to scale. The winner will be announced around 3pm in the main hall. The entries registered are as follows:

> Adventfahrt - 3.5 mm scale, 10.5 mm gauge - Eduard Kompast Beta Cables - 4 mm scale, 14 mm gauge - Stuart Brewer

www.locosnstuff.co.uk

www.dhrs.org

www.lynton-rail.co.uk



www.009society.com

Boston Lodge - 4 mm scale, 9 mm gauge - John Deacon Castle Yard - 1:25 scale, 16.5 mm gauge - Andi Nethercoat Creag Dhubh Summit - 4 mm scale, 9 mm gauge - Ted Polet Cwm Quarry - 4 mm scale, 9 mm gauge - Tom Snook Farrall Sidings - 7 mm scale, 9 mm gauge - Bob Hughes Lester Tin Mine - 4 mm scale, 9 mm gauge - Richard Doe Letter to Goathorn - 7 mm scale, 26.25 mm gauge (estimated) Peter Hollins Little Wandon - 4 mm scale, 9 mm gauge - Danny Figg Lost River Logging Railroad - 3.5 mm scale, 9 mm gauge - Peter Smith Priory Waterworks - 4 mm scale, 9 mm gauge - Chris Seago Ranters Wharf - 4 mm scale, 9 mm gauge - Roy Jamson RNAD Trecwn Storage Chamber - 4 mm scale, 9 mm gauge **Stephen Fulljames** Stolln Junktion - 3.5 mm scale, 6.5 mm gauge - Lucien Lacour The Scrapman Cometh - 7 mm scale, 14 mm gauge - Pete Wilson The Shed - 7 mm scale, 14 mm gauge - Derek Harris Wenhaston - 3.14 mm scale, 9.42 mm gauge - David Eveleigh Weston Zoyland - 4 mm scale, 9 mm gauge - Toby Hollins-Jones Weydon Lane - The Sandpit - 4 mm scale, 9 mm gauge - John Spurling

Please watch the G&DNGRS websites – www.gdngrs.com / www.expong.org - for details of our 2017 Challenge!

#### 62) Waterfield Hall

#### I:12 scale, 32mm gauge Allen Law & Jez Kirkwood

The railway connects the Hall with the main line station 3 miles away, it also links together various parts of the estate; saw mill, brickworks, farm, game park and plant nursery. The layout itself depicts the engine shed/carriage shed/workshop area, the coal store for the house and an old stable yard. There is a branch at the rear which leads to the saw mill and plant nursery/gardens. The line is fictitious but is inspired by the estate railways at Eaton Hall, Blakesley Hall and Sand Hutton.

The layout was started by Jez as an experiment to see if 1/12 scale was feasible for a portable layout,. After the reception from its first public outing, the decision to extend was made. The layout is located half in the Forest of Dean and half in the West Midlands

We operate a mix of live steam (when suitable) and battery powered locomotives all fitted with manual control.

63) Minimum Gauge Models	www.mgmodels.co.uk
64) Grainge & Hodder	www.graingeandhodder.co.uk



The Corn Mill XL – Henk Wust and friends



L'Aubraie – Bernard Junk