



ON TEST: GRAHAM FARISH 'DELTIC'

# BRM

STILL ONLY  
£3.75

BRITISH RAILWAY MODELLING

JUNE 2014 | VOLUME 22 | NO. 3 | £3.75

QUALITY  
LAYOUTS IN  
N<sub>1</sub> 00 & 0



PAINT  
LIKE THE  
PROS

TRADE SECRETS  
FOR A PERFECT PAINT FINISH

FOUR EASY  
PROJECTS

- ▶ POINT CONTROL WITH COBALT
- ▶ ADD BETTER COUPLINGS
- ▶ MODEL A MARKET STALL
- ▶ BUILD WITH TEXTURED SCENIC MATERIALS

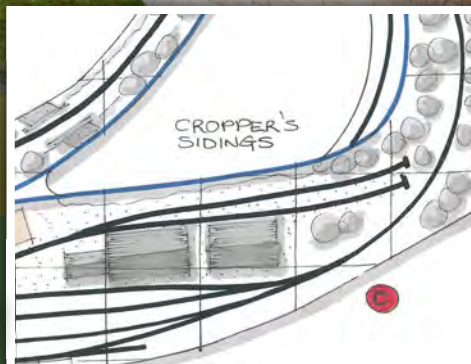
## FENCE HOUSES

BUILDING AN  
AWARD-WINNING  
MODEL RAILWAY



LAYOUT PLANNING

BUILD A BRANCH LINE  
IN YOUR SPARE ROOM!





# Class 55 Diesel

## N Scale Model Locomotives



**371-286** Class 55 Diesel Running No. D9002, BR Green, Half Yellow Ends



- Powerful six-axle drive mechanism
- 6 pin decoder socket
- Horn & windscreen wiper variants
- Twin flywheel and motor
- Bi-directional lighting
- Etched fan grilles



**371-285** Class 55 Diesel  
BR Green D9007



**371-287** Class 55 Diesel  
BR Blue 55005



Era 5 = 1957 - 1966. Era 7 = 1971 - 1982.

features NEM Couplings. features 6pin DCC Socket.



## MAINLY TRAINS 00 PRODUCTS

Tender, Loco & Coach  
Chassis, Architectural Items,  
Loco, Wagon & Coach  
Detailing Parts.

Free Illustrated Listing

30 Years Experience in  
4mm Mail Order  
Wheels, Transfers, Motors,  
Couplings & Accessories

Minimum Order - £5.00

POSTAGE UK : £2.95, Over £30 Free  
OVERSEAS : At Cost (Min £2.95)



## SECURE ONLINE ORDERING

Downloadable Lists

www.mainlytrains.co.uk



PO Box 50, Watchet  
Somerset. TA23 0WQ  
Tel 01278 741333 (Mons & Thurs)  
or Email - mt@mainlytrains.co.uk

## MAINLY TRAINS

### ETCHED HANDWHEELS

|                                                            |       |
|------------------------------------------------------------|-------|
| BB02 Wagon Brake Handles<br>2 Types 6 Spoke 6mm (32) ..... | £2.35 |
| BB03 Handwheels Assorted<br>6 Types 5mm-8mm (22) .....     | £2.35 |
| BB04 Handwheels 7 Types 4 to 7mm<br>16 Assorted .....      | £1.90 |

### ETCHED WINDOWS

|                                              |       |
|----------------------------------------------|-------|
| BB09 Industrial 4 Pane (8) 18 x 34mm .....   | £4.90 |
| BB10 Industrial 5 Pane (6) 20 x 42mm .....   | £5.70 |
| BB13 Hopper (15) Various .....               | £3.95 |
| BB14 Large Engine Shed Curved Top .....      | £3.95 |
| BB32 Small Engine Shed Curved Top .....      | £4.90 |
| BB33 Square Engine Shed 20 x 20mm (16) ..... | £3.95 |
| MT265 House, 2x3 Window Bays & Door .....    | £4.35 |

### ETCHED PLATFORM PARTS

|                                        |       |
|----------------------------------------|-------|
| MT152 Sawtooth Station Valencing ..... | £2.45 |
| MT156 Keyhole Station Valencing .....  | £2.45 |
| (Both MT152 & 158 : 4 x 8.25cm x 1.2cm |       |
| MT153 Canopy Brackets (4x4 Diff) ..... | £2.45 |

### ETCHED LADDERING

|                                          |       |
|------------------------------------------|-------|
| MT154 Ladder Strip 5in Rungs 4x4mm ..... | £1.40 |
| MT159 Ladder Strip 5in Rungs 3x3mm ..... | £1.40 |

### ETCHED SIGNAL ARMS

|                                             |       |
|---------------------------------------------|-------|
| MT150 GWR 3 x Home, 1 x Distant .....       | £1.45 |
| MT151 LMS/SRL/LNER 3 x Home, 1 x Dist ..... | £1.45 |

### ETCHED SPEAR FENCING & GATES

|                                                          |       |
|----------------------------------------------------------|-------|
| MT263 12mm High x 200mm + 2 Gates .....                  | £2.70 |
| MT266 18mm High x 220mm + 1 Gate .....                   | £3.20 |
| MT264 22mm High x 190mm + 1 Gate .....                   | £3.20 |
| MT267 Decorative Etched Gates<br>4 Types 2 of Each ..... | £4.45 |

### ETCHED PICKET FENCING

|                                         |       |
|-----------------------------------------|-------|
| MT262 12mm High x 200mm + 2 Gates ..... | £2.60 |
|-----------------------------------------|-------|

### ETCHED HOUSE FENCING

|                                         |       |
|-----------------------------------------|-------|
| MT261 10mm High x 178mm + 2 Gates ..... | £2.45 |
|-----------------------------------------|-------|

### ETCHED WATER TANKS

|                                            |       |
|--------------------------------------------|-------|
| MT258 Panels, Frames and Ladder (MR) ..... | £3.85 |
|--------------------------------------------|-------|

### GWR BUFFER STOPS

|                                        |       |
|----------------------------------------|-------|
| MT244 Whitemetal .....                 | £2.55 |
| MT247 Lost Wax Brass (Finescale) ..... | £4.95 |

### GWR TOKEN APPARATUS

|                                                                                    |        |
|------------------------------------------------------------------------------------|--------|
| MT243 GWR Square Post .....                                                        | £10.15 |
| A Highly Detailed Brass Lost Wax (Drawing,<br>Lamps, Ladders, Tokens etc Included) |        |

### ETCHED LOCO BRAKE SHOES

|                                                                               |       |
|-------------------------------------------------------------------------------|-------|
| MT175 General Set - Driving Wheels up to<br>5ft 2in 2 Types 3 Sets .....      | £2.75 |
| MT176 General Set - Driving Wheels<br>to 5ft 8in 6ft 8in 5 Types 5 Sets ..... | £3.60 |

|                                                                                   |       |
|-----------------------------------------------------------------------------------|-------|
| MT177 GWR Set Up to 5ft 2in (3 Types) .....                                       | £3.60 |
| (Up to 6 Sets incl 57XX, 44XX, 45XX, 28XX,<br>Earlier Pannier Tanks & Dean Goods) |       |

|                                                      |       |
|------------------------------------------------------|-------|
| MT181 GWR Set 5ft 3in+ (4 Types) .....               | £3.60 |
| (Castle, Hall, Mogul & Prairie, Grange, Manor, King) |       |

|                                                   |       |
|---------------------------------------------------|-------|
| MT179 LMS Up to 6ft (4 Types) .....               | £3.60 |
| (Incl Jinty, 2P, 4F, Ivatt Class2, Fowler 2-6-2T) |       |

|                                           |       |
|-------------------------------------------|-------|
| MT184 LMS 6ft + (4 Types) .....           | £2.75 |
| (Incl Compound, Black 5, Stanier 4-6-0's) |       |

|                                  |       |
|----------------------------------|-------|
| MT183 LNER 6ft + (6 Types) ..... | £3.60 |
| (Incl A3, A4, A2, B17, B1, B12)  |       |

|                                          |       |
|------------------------------------------|-------|
| MT180 LNER Up to 5ft 8in (4 Types) ..... | £3.60 |
| (Incl GE, 2 Gresley Types & GCR 5 Sets)  |       |

|                                           |       |
|-------------------------------------------|-------|
| MT182 SR Set (5 Types) .....              | £2.75 |
| (Incl Terrier, M7, N, E4-E6, Q, W, Z etc) |       |

|                               |       |
|-------------------------------|-------|
| MT185 Tenders (5 Types) ..... | £3.60 |
| (Incl LMS, LNER, SR, GWR (2)) |       |

|                                                                                                      |       |
|------------------------------------------------------------------------------------------------------|-------|
| MT186 Loco Brake Rigging .....                                                                       | £3.95 |
| 11 Sets Straight Pull Rods 6ft to 9ft in 3in Increments,<br>Par & Tap Brake Beams, Cranks Adjusters) |       |

### ETCHED CHEQUOR PLATE

|                                         |       |
|-----------------------------------------|-------|
| MT355 Diamond Pattern 63mm x 30mm ..... | £1.90 |
|-----------------------------------------|-------|

### ETCHED NICKEL COUPLING RODS FOR HORNBY & WRENN

(Flat one side Fluted the other)

|                                           |       |
|-------------------------------------------|-------|
| For Hornby Hall/B12 & Wrenn Castle :-     |       |
| MT001A 7ft 3in x 7ft 3in (Bowed) .....    | £2.35 |
| MT001B 7ft 3in x 7ft 3in (Parallel) ..... | £2.35 |

|                                       |       |
|---------------------------------------|-------|
| For Wrenn / Hornby Dublo 0-6-0 :-     |       |
| MT002A 8ft x 6ft 6in (Bowed) .....    | £2.35 |
| MT002B 8ft x 6ft 6in (Parallel) ..... | £2.35 |

|                                           |       |
|-------------------------------------------|-------|
| For Hornby / Triang 0-6-0 :-              |       |
| MT003A 8ft 3in x 7ft 9in (Bowed) .....    | £2.35 |
| MT003B 8ft 3in x 7ft 9in (Parallel) ..... | £2.35 |

### ETCHED LOCO STEPS

|                                        |       |
|----------------------------------------|-------|
| MT232 Parallel Steps (5 Types) .....   | £3.00 |
| MT231 LMS Loco/Tender Steps .....      | £3.60 |
| - 5 Types Loco + 4prs of Tender Steps) |       |

### ETCHED LOCO DETAILING SETS

|                                                                                                                                           |       |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------|
| MT227 (Set One) Cab fittings, a wide range of<br>4 & 5 wheel handwheels, Reverser wheels &<br>Levers, Regulator Handles, (N/Silver) ..... | £2.75 |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------|

|                                                                                                                                                                                                                                 |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| MT 256 (Set Two) Various Cab Ventilator<br>Hatches, Vent Grills, Cab doors (2 types), Oval<br>Sandbox Filler Lids, Washout Plugs, LNER/SR<br>Headcode Discs, Dest Boards with Brackets<br>and GW Cabside Hatches, (Brass) ..... | £2.75 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|

### TENDER CHASSIS KITS FOR RTR TOPS & MISC TENDER PARTS

|                                                 |       |
|-------------------------------------------------|-------|
| Incl. brake gear, w/m axleboxes & instructions) |       |
| MT100 GWR 3500g Chassis .....                   | £6.90 |
| MT252 GWR Etched Tender Steps .....             | £1.25 |
| MT337 GWR Water Scoop .....                     | £1.30 |

### ETCHED CHASSIS FOR GEM 2-4-0

|                                                                                           |        |
|-------------------------------------------------------------------------------------------|--------|
| MT104 Chassis Kit for Gem GWR (Cambrian)<br>2-4-0T. Incls Brake Gear, Frame Spacers ..... | £13.00 |
|-------------------------------------------------------------------------------------------|--------|

|                                                                            |        |
|----------------------------------------------------------------------------|--------|
| MT4007C Complete Kit Incl. Body, Chassis,<br>Gears, & Markits Wheels ..... | £85.95 |
|----------------------------------------------------------------------------|--------|

### ETCHED KIT FOR RTR J72

|                                                                                  |        |
|----------------------------------------------------------------------------------|--------|
| MT248 Chassis & Body Improvement Kit for<br>Mainline & Bachmann J72 Bodies ..... | £16.30 |
|----------------------------------------------------------------------------------|--------|

|                                                                                                                                                                                               |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| (Detailed Chassis Kit - Incl Full Brake Gear &<br>00/EM Frame Spacers. Fold Up Cab Interior, a<br>Casting to eliminate daylight below the body &<br>Sprung Buffers with Buffer Beam Overlays) |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

### KITS FOR RTR J52

|                                    |        |
|------------------------------------|--------|
| MT106S Scale J52 Chassis Kit ..... | £15.25 |
|------------------------------------|--------|

|                                                                                |        |
|--------------------------------------------------------------------------------|--------|
| MT107 Body Detailing & Conversion Kit for<br>Hornby Body to Scale Length ..... | £19.95 |
|--------------------------------------------------------------------------------|--------|

|                                                                                                |  |
|------------------------------------------------------------------------------------------------|--|
| W/M Boiler Bottom, Brass, Sprung Buffers,<br>Injectors, Balance Pipe, Whistle and Instructions |  |
|------------------------------------------------------------------------------------------------|--|

### DETAIL FOR BACHMANN N MOGUL

|                                                                                                                            |       |
|----------------------------------------------------------------------------------------------------------------------------|-------|
| MT254 For Bachmann 'N' Class Mogul Incls<br>Deflectors, Lamp Irons, Cab Door & Floor,<br>AWS Shield and Instructions ..... | £4.95 |
|----------------------------------------------------------------------------------------------------------------------------|-------|

### ETCHED CAB SPECTACLE PLATES

|                                           |       |
|-------------------------------------------|-------|
| MT226 Cab Spectacle Rims and Grills ..... | £3.00 |
|-------------------------------------------|-------|

|                                                                                                      |  |
|------------------------------------------------------------------------------------------------------|--|
| (15 & 18in dia, plain and with 6 or 8 bars, short<br>or long, + GWR rect pattern 32 rims and grills) |  |
|------------------------------------------------------------------------------------------------------|--|

### ETCHED LAMP IRONS

|                                      |       |
|--------------------------------------|-------|
| MT187 100 Plus Loco Lamp Irons ..... | £3.95 |
|--------------------------------------|-------|

|                                                                                                  |  |
|--------------------------------------------------------------------------------------------------|--|
| (12 Diff Types The small ones have tabs to aid<br>fitting. (Bunker, Smokebox, Stepped, Parallel) |  |
|--------------------------------------------------------------------------------------------------|--|

### BRASS SMOKE BOX DOOR HANDLES

|                                         |       |
|-----------------------------------------|-------|
| MT315 Early GWR/SR/LNER 2 Plain .....   | £2.25 |
| MT316 LMS 1 Flanged, 1 Plain .....      | £2.25 |
| MT317 BR/Late GWR/LNER 2 Flanged .....  | £2.25 |
| MT260 Handwheels (18) 4 & 5 Spoke ..... | £1.25 |

### ETCHED RIVET STRIP

|                                        |       |
|----------------------------------------|-------|
| MT163 (See Wagon Detailing Below ..... | £3.95 |
|----------------------------------------|-------|

### WAGON BRAKE GEAR

|                                            |  |
|--------------------------------------------|--|
| MT223 4 Full Double Etched Brake Gear Sets |  |
|--------------------------------------------|--|

|                                     |       |
|-------------------------------------|-------|
| RCH Type Double Sided 9ft w/b ..... | £6.95 |
|-------------------------------------|-------|

|                                                                                                                                               |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|
| (Full Relief) - Incl Levers, Loops, Ratchets &<br>'V' Hangers, U/F Parts, Drawplates, Label Clips<br>& Plates. Full Instructions and Drawing. |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|

|                                                                                             |       |
|---------------------------------------------------------------------------------------------|-------|
| MT225 LNER Automatic Brake Gear Sets 9ft<br>& 10ft 'Full Relief' - (See Above) 2 Sets ..... | £3.85 |
|---------------------------------------------------------------------------------------------|-------|

|                                                                                        |       |
|----------------------------------------------------------------------------------------|-------|
| MT234 LMS Automatic Brake Gear Sets 10ft<br>'Full Relief' - (See Above) (2 Sets) ..... | £3.60 |
|----------------------------------------------------------------------------------------|-------|

|                                                                             |       |
|-----------------------------------------------------------------------------|-------|
| MT236 GWR DC Dean/Churchward Wagon<br>Brake Gear. + Variants (2 Sets) ..... | £3.60 |
|-----------------------------------------------------------------------------|-------|

### ETCHED WAGON DETAILING

|                                   |       |
|-----------------------------------|-------|
| MT163 Rivet Strip Width 1mm ..... | £3.95 |
|-----------------------------------|-------|

|                                          |  |
|------------------------------------------|--|
| Spacings 1.01/31.7/2.0mm 25x22mm of each |  |
|------------------------------------------|--|

|                                |       |
|--------------------------------|-------|
| MT167 Corner Plates (16) ..... | £1.60 |
|--------------------------------|-------|

|                                                                          |       |
|--------------------------------------------------------------------------|-------|
| MT166 Wagon Detailing Components<br>Incl Crown & Makers Plates etc. .... | £1.60 |
|--------------------------------------------------------------------------|-------|

|                                          |       |
|------------------------------------------|-------|
| MT164 All 3 Packs (MT 163/166/167) ..... | £5.35 |
|------------------------------------------|-------|

|                                                                                           |       |
|-------------------------------------------------------------------------------------------|-------|
| MT230 Brake Gear Detailing Parts - Cranks V-<br>Hangers, Levers, Yokes & Wheels etc. .... | £3.00 |
|-------------------------------------------------------------------------------------------|-------|

|                                                                                  |       |
|----------------------------------------------------------------------------------|-------|
| MT221 Detailing & Running Gear Etch for GWR<br>4 Wheelers with 14mm Wheels ..... | £5.05 |
|----------------------------------------------------------------------------------|-------|

### ETCHED COACH U/F & DETAIL

|                                                                                |        |
|--------------------------------------------------------------------------------|--------|
| MT220 U/F Kit for GWR 4 Wheel Coaches,<br>Siphons 26ft 10in & 30ft 1/2in ..... | £19.15 |
|--------------------------------------------------------------------------------|--------|

|                                                                           |       |
|---------------------------------------------------------------------------|-------|
| MT360 Etched Ends & End Detailing incl Steps<br>GWR 4 Wheel Coaches ..... | £3.65 |
|---------------------------------------------------------------------------|-------|

## METAL STRIP

|                                           |  |
|-------------------------------------------|--|
| Etched Strips (3 x 1mm, 3 x 2mm, 3 x 3mm) |  |
|-------------------------------------------|--|

|                                           |  |
|-------------------------------------------|--|
| All 5in Long (Listing available of others |  |
|-------------------------------------------|--|

|                          |       |
|--------------------------|-------|
| MT570 Brass 5 Thou ..... | £2.95 |
|--------------------------|-------|

|                           |       |
|---------------------------|-------|
| MT571 Brass 10 Thou ..... | £2.95 |
|---------------------------|-------|

|                                   |       |
|-----------------------------------|-------|
| MT572 Nickel Silver 10 Thou ..... | £2.95 |
|-----------------------------------|-------|

|                                 |       |
|---------------------------------|-------|
| MT573 Phos Bronze 10 Thou ..... | £2.95 |
|---------------------------------|-------|

|                                       |       |
|---------------------------------------|-------|
| MT574 One of Each (MT570-MT573) ..... | £9.95 |
|---------------------------------------|-------|

## TRANSFERS

## HMRS

### PRESSFIX OR METHFIX

Some sheets currently not available in both

### LINING SHEETS IN PRESSFIX ONLY

|                               |       |
|-------------------------------|-------|
| 1 LMS Gold Loco & Coach ..... | £6.50 |
|-------------------------------|-------|

|                                         |       |
|-----------------------------------------|-------|
| 2 LMS Yellow & Straw Loco & Coach ..... | £6.50 |
|-----------------------------------------|-------|

|                                         |       |
|-----------------------------------------|-------|
| 2A LMS Straw & Block Loco & Coach ..... | £6.50 |
|-----------------------------------------|-------|

|                         |       |
|-------------------------|-------|
| 3 LMS Loco Lining ..... | £6.50 |
|-------------------------|-------|

|                           |       |
|---------------------------|-------|
| 3A LMS Coach Lining ..... | £6.50 |
|---------------------------|-------|

|                           |       |
|---------------------------|-------|
| 4 LNER Loco & Coach ..... | £6.50 |
|---------------------------|-------|

|                           |       |
|---------------------------|-------|
| 4A LNER Yellow Loco ..... | £6.50 |
|---------------------------|-------|

|                                 |       |
|---------------------------------|-------|
| 5 LNER (& SR) Loco Lining ..... | £6.50 |
|---------------------------------|-------|

|                   |       |
|-------------------|-------|
| 6 LMS Wagon ..... | £5.90 |
|-------------------|-------|

|                          |       |
|--------------------------|-------|
| 7 GWR Loco & Coach ..... | £6.50 |
|--------------------------|-------|

|                                 |       |
|---------------------------------|-------|
| 8 GWR Loco & Coach Lining ..... | £6.50 |
|---------------------------------|-------|

|                                    |       |
|------------------------------------|-------|
| 9 SR Loco & Coach (Maunsell) ..... | £6.50 |
|------------------------------------|-------|

|                                    |       |
|------------------------------------|-------|
| 10 SR Loco & Coach (Bulleid) ..... | £6.50 |
|------------------------------------|-------|

|                                   |       |
|-----------------------------------|-------|
| 10A SR Bulleid Loco Stripes ..... | £5.90 |
|-----------------------------------|-------|

|                    |     |
|--------------------|-----|
| 11 GWR Wagon ..... | N.A |
|--------------------|-----|

|                     |       |
|---------------------|-------|
| 12 LNER Wagon ..... | £5.90 |
|---------------------|-------|

|                   |       |
|-------------------|-------|
| 13 SR Wagon ..... | £5.90 |
|-------------------|-------|

|                                  |       |
|----------------------------------|-------|
| 14 BR Loco & Coach (Steam) ..... | £6.50 |
|----------------------------------|-------|

|                                   |     |
|-----------------------------------|-----|
| 15 BR Loco & Coach (Modern) ..... | N.A |
|-----------------------------------|-----|

|                                 |       |
|---------------------------------|-------|
| 16 LNWR Loco & Coach+WCJS ..... | £8.20 |
|---------------------------------|-------|

|                                          |       |
|------------------------------------------|-------|
| 17 LMS Pre Group Wagons (Not LNWR) ..... | £6.50 |
|------------------------------------------|-------|

|                           |       |
|---------------------------|-------|
| 18 NER Loco & Coach ..... | £8.20 |
|---------------------------|-------|

|                                       |       |
|---------------------------------------|-------|
| 19 L&Y Loco, Coach & Some Wagon ..... | £8.20 |
|---------------------------------------|-------|

|                                    |       |
|------------------------------------|-------|
| 20 Scottish Pre Group Wagons ..... | £6.50 |
|------------------------------------|-------|

|                                         |       |
|-----------------------------------------|-------|
| 22 BR Mixed Traffic & LNWR Lining ..... | £5.90 |
|-----------------------------------------|-------|

|                          |       |
|--------------------------|-------|
| 23 BR Coach Lining ..... | £5.90 |
|--------------------------|-------|

|                                       |       |
|---------------------------------------|-------|
| 24 MR/S&D/MGN/TLRS Loco & Coach ..... | £7.20 |
|---------------------------------------|-------|

|                                      |       |
|--------------------------------------|-------|
| 25 BR Rev Wagon Pre Tops Codes ..... | £5.90 |
|--------------------------------------|-------|

|                                             |       |
|---------------------------------------------|-------|
| 26 BR Rev Wagon Pre Tops Instructions ..... | £5.90 |
|---------------------------------------------|-------|

|                                             |       |
|---------------------------------------------|-------|
| 31 Pullman Crests, Nos. Names 1930-67 ..... | £8.20 |
|---------------------------------------------|-------|

|                                     |       |
|-------------------------------------|-------|
| 32 Pullman Lining 1930 & 1960 ..... | £5.90 |
|-------------------------------------|-------|

|                             |       |
|-----------------------------|-------|
| PLAIN COLOURED LINING ..... | £5.90 |
|-----------------------------|-------|

|                                      |  |
|--------------------------------------|--|
| (Blk, Yell, Gold, White, Orge., Red) |  |
|--------------------------------------|--|

## COUPLINGS

### JACKSON

|                   |       |
|-------------------|-------|
| Pair 3 Link ..... | £2.30 |
|-------------------|-------|

|                       |       |
|-----------------------|-------|
| Pair Screw Link ..... | £4.80 |
|-----------------------|-------|

### SMITHS

|                                      |       |
|--------------------------------------|-------|
| LP1 3 Link Unassembled (4 prs) ..... | £5.40 |
|--------------------------------------|-------|

|                                            |       |
|--------------------------------------------|-------|
| LP10 Fine 3 Link Unassembled (4 prs) ..... | £5.40 |
|--------------------------------------------|-------|

|                                       |       |
|---------------------------------------|-------|
| LP3 Steel (Magnetic) Loops (20) ..... | £4.20 |
|---------------------------------------|-------|

|                                    |       |
|------------------------------------|-------|
| LP4 3 Link Assembled (4 prs) ..... | £9.00 |
|------------------------------------|-------|

|                                          |       |
|------------------------------------------|-------|
| LP11 Fine 3 Link Assembled (4 prs) ..... | £9.00 |
|------------------------------------------|-------|

|                                     |       |
|-------------------------------------|-------|
| LP8 Screw Unassembled (4 prs) ..... | £6.60 |
|-------------------------------------|-------|

|                                   |       |
|-----------------------------------|-------|
| LP5 Screw Assembled (2 prs) ..... | £9.00 |
|-----------------------------------|-------|

|                                     |       |
|-------------------------------------|-------|
| LP5A - As LP5 Detail on Screw ..... | £9.90 |
|-------------------------------------|-------|

|                                         |       |
|-----------------------------------------|-------|
| LP2 Instantan Unassembled (4 prs) ..... | £5.20 |
|-----------------------------------------|-------|

|                            |       |
|----------------------------|-------|
| LP7 Brass Loops (20) ..... | £4.20 |
|----------------------------|-------|

|                                  |       |
|----------------------------------|-------|
| SA20 Coupling Springs (20) ..... | £3.40 |
|----------------------------------|-------|

### SLATERS

|                              |       |
|------------------------------|-------|
| 3 Link (Etched) 10 prs ..... | £9.15 |
|------------------------------|-------|

### ROXEY

|                            |       |
|----------------------------|-------|
| Screw (Etched) 4 Prs ..... | £2.40 |
|----------------------------|-------|

### BILL BEDFORD (Etched)

|                                               |       |
|-----------------------------------------------|-------|
| BB25 Screw Link Couplings (7 coach set) ..... | £4.25 |
|-----------------------------------------------|-------|

## MAINLY TRAINS 00 PRODUCTS

Phone, Fax or Write for a Free Illustrated Listing

Tender, Loco & Coach Chassis. Architectural Items, General Loco, Wagon and Coach Detailing Parts.

## MOTORS & GEARS

### OPEN FRAME MOTOR

|                            |        |
|----------------------------|--------|
| H1024 (DS10) 24x10mm ..... | £14.95 |
|----------------------------|--------|

### FLAT CAN MOTORS

|                                |        |
|--------------------------------|--------|
| Mashima M1220D (20x12mm) ..... | £20.75 |
|--------------------------------|--------|

|                                |        |
|--------------------------------|--------|
| Mashima M1224D (24x12mm) ..... | £20.75 |
|--------------------------------|--------|

|                                 |        |
|---------------------------------|--------|
| Mashima MHK1015 (10x15mm) ..... | £18.75 |
|---------------------------------|--------|

|                                 |        |
|---------------------------------|--------|
| Mashima MHK1020 (10x20mm) ..... | £18.75 |
|---------------------------------|--------|

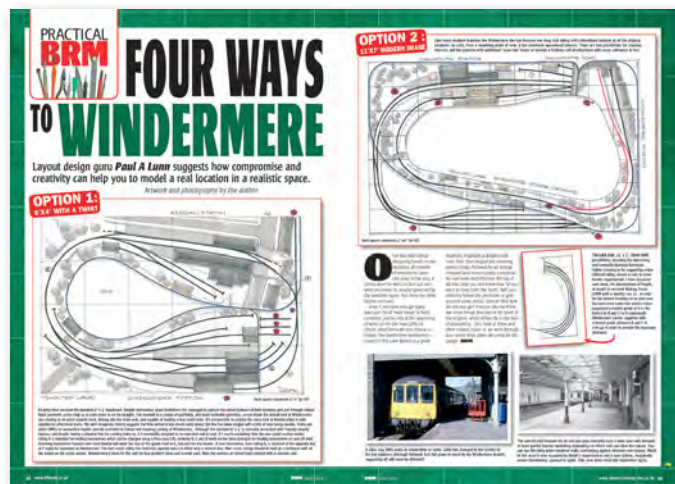
|                                 |        |
|---------------------------------|--------|
| Mashima MHK1024 (10x24mm) ..... | £18.75 |
|---------------------------------|--------|





14

Layouts in smaller scales benefit from the extra space to provide more scenic location modelling and this doesn't come any better than the superb viaduct on Bob Jones' Fence Houses.



58

It's always great if you have a wonderful prototype to inspire your layout planning; a very good example is the Windermere branch, as Paul Lunn explains.



24

Couplings in OO gauge are always a bone of contention - never reliable and no consistent design. Phil Parker considers a different way - the widely-used 'Sprat & Winkle'.



32

When you find yourself back in possession of one of your old layouts, you may be tempted to leave it be, Mick and Spike were determined not to!



## 14 FENCE HOUSES

The benefits of modelling in 2mm scale are shown to their best effect on Bob Jones' superb layout.

## 24 SPRAT & WINKLE COUPLERS

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Only revealed to the market in this magazine a few months ago, Redutex sheets are taking the modelling world by storm due to their high quality and ease of use.



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The July 2014 issue

**BRM**

is on sale from  
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# WELCOME



**D**o you remember your first model railway exhibition? The sense of excitement as you ventured into the hall and saw all those big layouts, the tables full of new models and that spending money burning a hole in your pocket? I'm sure you have your own favourites from the past but for me it's pre-Christmas visits to the City Hall ballroom for Sheffield Model Railway Exhibition and UMIST for Manchester Model Railway Show in the 1980s that linger in the memory.

Such experiences sow the seeds of a lifelong hobby, but as the years progress we usually become more selective in our interests and the element of surprise fades away. That's even more the case if your hobby becomes your job (not that we would have it any other way!).

So, it was a very pleasant surprise to experience that buzz again on my first visit to the massive **Intermodellbau** event in Dortmund last month. Set across eight halls – two of which host model railways – this enormous modelling show attracts almost 100,000 people in five days each year and encompasses everything from card modelling to choreographed model aircraft displays, international RC car racing, maritime, military and science fiction modelling, to name just a few.

Even if you just peruse the model railway halls, it is a remarkable event – well-organised and laid out with dozens of enticing, professionally-built manufacturer stands that encourage both newcomers and 'the converted' to discover what is on display. Interestingly, there's less focus on layouts, with only 27 this year, many of which were modular efforts – although no less interesting for that. And then there were the trade stands...

From a British perspective, there is much greater

emphasis on RTR, technology and ready-to-use products and less on kit/scratch building, finescale conversions or scenery. What was also evident was a desire for quality products, rather than bargain basement pricing. It was a real eye-opener, and it made us wonder whether a similar event might attract the same level of support in the UK.

Later this year, we're proud to be starting our own show that we hope will break the mould for British model railway events, albeit on a smaller scale. **RMweb Live** is a new concept that will bring together the bits you like about existing shows – layouts and trade stands – across six zones championing vital parts of the hobby; modelling skills, technology, electrics, scenery, painting and trackwork.

Each zone will encourage the visitor to get involved and take something away from the event whether they're beginner or a seasoned modeller. A theatre area will have expert presenters talking about their chosen subject, supporting the specialist zones, where the visitor can then go on to gain more in-depth advice if they choose. Visit [www.model-railways-live.co.uk](http://www.model-railways-live.co.uk) or **RMweb** to keep up to date with the latest developments over the coming months.

We're hoping that **RMweb Live** will bring some of that sense of excitement and surprise back to model railway exhibitions, and if you want to join us, don't miss our very special, limited period ticket offer for **BRM** readers and **RMweb** members. See 'What's New' for the full story.

Ben

An impressive turnout in one of the two model railway-themed halls at Intermodellbau 2014.

# BRM

**British Railway Modelling**

is published by Warners Group Publications plc  
Tel: 01778 392455 Fax: 01778 425437

## EDITORIAL

### MANAGING EDITOR

**I Ben Jones**

**E** [benj@warnersgroup.co.uk](mailto:benj@warnersgroup.co.uk)

### EDITORIAL ASSISTANT

**I Richard Wilson 01778 392455**

**E** [richardw@warnersgroup.co.uk](mailto:richardw@warnersgroup.co.uk)

### STAFF WRITER

**I Howard Smith 01778 392059**

**E** [howards@warnersgroup.co.uk](mailto:howards@warnersgroup.co.uk)

### FEATURES WRITER

**I Phil Parker**

**E** [phil@pagenumberone.co.uk](mailto:phil@pagenumberone.co.uk)

### RMWEB EDITOR & BRM PHOTOGRAPHER

**I Andy York**

**E** [info@rmweb.co.uk](mailto:info@rmweb.co.uk)

### TRACKPLAN ILLUSTRATOR

**I Ian Wilson at Pacific Studio**

**E** [ian@pacificstudio.co.uk](mailto:ian@pacificstudio.co.uk)

### ASSOCIATE PUBLISHER

**I Steve Cole**

**E** [stevec@warnersgroup.co.uk](mailto:stevec@warnersgroup.co.uk)

### PUBLISHER I John Greenwood

**E** [johng@warnersgroup.co.uk](mailto:johng@warnersgroup.co.uk)

## ADVERTISING

### GROUP ADVERTISING MANAGER

**I Bev Machin 01778 392055**

**E** [bevm@warnersgroup.co.uk](mailto:bevm@warnersgroup.co.uk)

### MULTI-MEDIA SALES

**I Scott Johnson 01778 395002**

**E** [scottj@warnersgroup.co.uk](mailto:scottj@warnersgroup.co.uk)

## DESIGN AND PRODUCTION

### HEAD DESIGNER

**I Lisa Watson-Bailey**

**E** [lisawb@warnersgroup.co.uk](mailto:lisawb@warnersgroup.co.uk)

### SENIOR DESIGNER

**I Andy Fletcher**

**E** [andrewf@warnersgroup.co.uk](mailto:andrewf@warnersgroup.co.uk)

### ADVERTISING DESIGNERS

**I Sarah Machin**

**E** [sarahm2@warnersgroup.co.uk](mailto:sarahm2@warnersgroup.co.uk)

**Amie Carter**

**E** [amiec@warnersgroup.co.uk](mailto:amiec@warnersgroup.co.uk)

### PRODUCTION

**I Pat Price 01778 391115**

**E** [patp@warnersgroup.co.uk](mailto:patp@warnersgroup.co.uk)

## DISTRIBUTION

**TRADE ACCOUNT SALES I Natalie Cole**

**01778 392404, Vicky Courton 01778 391150**

**E** [tradeaccountorders@warnersgroup.co.uk](mailto:tradeaccountorders@warnersgroup.co.uk)

### UK/OVERSEAS NEWSTRADE SALES

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### NEWSTRADE DISTRIBUTION

**I Tom Brown 01778 391135**

ISSN 0968-0764

## SUBSCRIPTIONS & BACK ISSUES

**01778 392002**

## PRINTING

Warners (Midlands) plc, The Maltings,  
West Street, Bourne, Lincolnshire PE10 9PH

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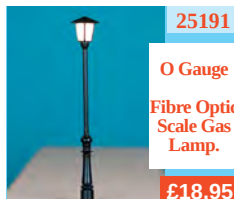
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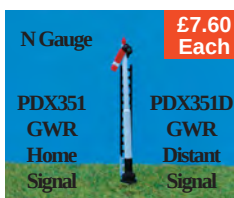
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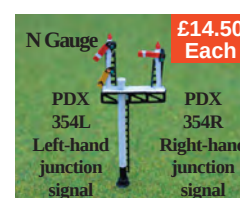
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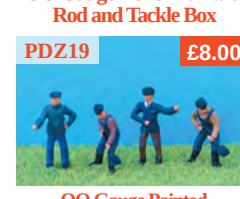
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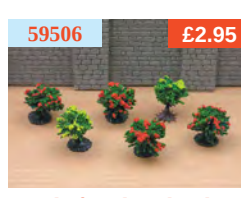
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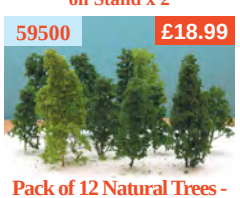
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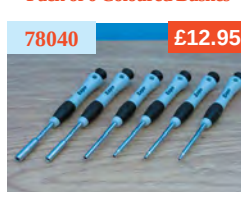
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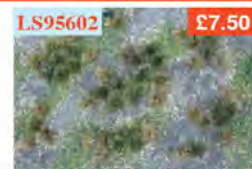
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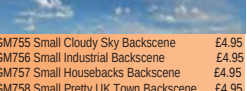
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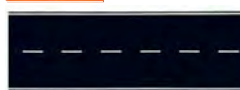
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Power Supply Unit £24.95<br>DCC71 Prodigy Decoder Tester £9.50<br>DCC72 8 to 21 Pin Adaptor £4.95<br>DCC73 25mm JST 9 Pin Short Harness (2) £4.25 | <b>GMC-DO Twin Track O Scale</b> £159.95<br><b>GMC-DF Twin Track Feedback</b> £99.95<br><br><b>GMC-DS Twin Track Simulation</b> £164.95<br><b>GMC-DS2 Twin Track Simulation Z Scale</b> £174.95<br><b>GMC-TS Three Track Simulation</b> £174.95<br><b>GMC-TS2 Three Track Simulation Z Scale</b> £184.95<br><br><b>GMC-Q Four Track</b> £169.95<br><b>GMC-QZ Four Track Z Scale</b> £179.95<br><br><b>PANEL MOUNT CONTROLLERS</b><br><br>GMC-100 Single Track £34.95<br>GMC-100 O Single Track O Scale £44.95<br>GMC-100LGB Single Track G Scale £54.95<br>GMC-U Single Track Simulation £42.95<br>GMC-UJ Single Track Feedback £37.95<br>GMC-UO Single Track Simulation O Scale £57.95<br>GMC-UD Twin Track £52.95<br>GMC-UDF Twin Track Feedback £57.95<br>GMC-UDS Twin Track Simulation £67.95<br>GMC-UTS Three Track Controller Sim. £79.95<br>GMC-UQ Four Track £84.95<br><br><b>HANDHELD CONTROLLERS</b><br>GMC-W Single Track £37.95<br>GMC-HH Single Track Feedback £39.95<br>GMC-WS Single Track Simulation £59.95<br><br><b>MAINS POWERED TRANSFORMERS</b><br><br>GMC-M1 Output 2 x 16v AC £47.95<br>GMC-M1DC Output 2 x 12v DC £52.95<br>GMC-M2 Output 1 x 18v AC (2.5a) £52.95<br>GMC-M3 Output 1 x 24v AC (1.25a) £52.95<br>GMC-M4 Output 2 x 12v AC (1.25a) £52.95<br>GMC-M5 Output 1 x 12v AC (5a) £84.95<br>GMC-M6 Output 1 x 24v AC (2.5a) £84.95<br>GMC-M12S Output 1 x 22v DC (5a) £99.95<br><br><b>WALL MOUNTED TRANSFORMERS</b><br>GMC-WM1 Output 1 x 16v AC or 12v DC £18.95<br>GMC-WM2 Output 1 x 9v DC (0.6a) £18.95<br><br><b>OPEN TRANSFORMERS</b><br><br>GMC-COMBI Single Track Controller £39.95<br>GMC-100M Single Track £84.95<br>GMC-100M2 Single Track Z Scale £104.95<br>GMC-100MO Single Track O Scale £84.95<br>GMC-10LGB Single Track G Scale £89.95<br>GMC-10LGBSF Single Track G Scale Fan £164.95<br>GMC-P Single Track Simulation £99.95<br>GMC-PO Single Track Simulation O Scale £99.95<br><br><b>MODULES</b><br>GMC-SS1 Super Shuttle Unit £32.95<br>GMC-SS1LGB Super Shuttle Unit G Scale £44.95<br>GMC-SS2 Station Stop Unit £37.95 | <b>MAINS POWERED POINT CONTROL SYSTEM</b><br><br>GMC-PCU1 Point Control Unit £114.95<br>GMC-PCU2 Slave Unit for PCU1 £52.95<br><br><b>CAPACITOR DISCHARGE UNIT</b><br><br>GMC-CDU Capacitor Discharge Unit £13.95<br><br><b>POINT MOTORS</b><br><br>GMC-PM1 Motor with Built-In Switch £5.25<br>GMC-PM2 Motor No Switch £4.95<br>GMC-PM4 Motor Latching Mechanism £6.25<br><br><b>UNCOUPLERS</b><br>GMC-EM1 N Electro Magnetic Uncoupler £8.95<br>GMC-EM2 Coupling Adaptor Fret (20) £4.95<br><br><br>GMC-TLU OO Tension Lock Uncoupler £10.95<br><br><b>TRACK</b><br><b>ELECTRONIC HIGH FREQUENCY TRACK CLEANERS FOR DC (ANALOGUE) USE ONLY</b><br><br>GMC-HF1 Single Track Unit £38.95<br>GMC-HF2 Double Track Unit £48.95<br><br><b>AXLE-HUNG TRACK CLEANING PADS</b><br><br>GMC37 OO/HO Track Cleaning Pads (3) £5.50<br>GM39 N Track Cleaning Pads (3) £5.50<br><br><b>TRACK TESTER</b><br><br>GM52 Multi Scale Track Tester £4.95 | <b>OO SCALE FLEXIBLE TRACK</b><br><br>GM60 600mm Flexible Track (24) £59.95<br>GM90 900mm N/Silver Flexible Track (100) £299<br>GM91 900mm Steel Flexible Steel (100) £175<br>GM93 900mm N/Silver Bk Flexi Track (24) £79.95<br>GM94 900mm N/Silver Bm Flexi Track (24) £79.95<br>GM95 900mm Steel Flexible Track (24) £47.95<br>GM97 900mm N/Silver Bm Flexi Track (100) £299<br>GM19 Code 100 (OO) Rail Joiners (24) £2.45<br><br><b>OO SCALE TRACK ACCESSORIES</b><br>GM45 OO/HO Re-Railer £5.35<br>GM54 OO Buffer Stop £1.75<br>BPGM54 OO Buffer Stop (5 Pack) £8.25<br><br><br>GM55 OO Lit Buffer Stop £6.95<br>GM56 OO Buffer Stop Lights (Pack of 2) £9.95<br>GM13 Pair of Leads (Joiners/Bare Wire) £4.45<br>GM66 Hornby Type Track Pins 10mm £2.50<br>GM67 Extra Long Track Pins 15mm £2.50<br><br><b>N SCALE FLEXIBLE TRACK</b><br>GM92 730mm N/Silver Flexible Track (100) £199<br>GM96 730mm N/Silver Flexible Track (24) £54.95<br>GM12 Code 80 (N) Rail Joiners (24) £2.35<br><br><b>N SCALE TRACK ACCESSORIES</b><br>GM46 N Re-Railer £2.95<br>GM53 N Scale Buffer Stop TBA<br>BPGM53 N Scale Buffer Stop (Pack of 5) TBA<br><br><br>GM57 N Lit Buffer Stop on Track £8.95<br>GM18 Buffer Stop Lights (Pack of 2) £9.95<br>GM17 Pair of Leads (N Joiner/Bare Wire) £3.25<br><br><b>OO GREY BALLASTED UNDERLAY SYSTEM</b><br>GM114 OO/HO Granite Ballast (500g) £3.45<br><br><br>GM117 OO/HO Granite Ballast (200g) £2.25<br>GM200 Flexible Ballasted Underlay (5m) £22.95<br>GM204 Point & Crossing Ballasting Kit £7.95<br><br><b>OO BROWN BALLASTED UNDERLAY SYSTEM</b><br><br>GM111 OO/HO Brown Ballast (500g) £3.45<br>GM210 Flexible Ballasted Underlay (5m) £22.95<br>GM214 Point & Crossing Ballasting Kit £7.95<br><br><b>N GREY BALLASTED UNDERLAY SYSTEM</b><br>GM115 N Granite Ballast (500g) £3.45<br>GM118 N Granite Ballast (200g) £2.25<br>GM201 N Flexible Ballasted Underlay (5m) £22.95<br>GM205 N Point & Crossing Ballasting Kit £7.95<br><br><b>N BROWN BALLASTED UNDERLAY SYSTEM</b><br>GM113 N Brown Ballast (500g) £3.45<br>GM211 N Flexible Ballasted Underlay (5m) £22.95<br>GM215 Point & Crossing Ballasting Kit £7.95 | <b>STARTER PACK</b><br><br>GM194 Scenic Starter Pack £26.95<br><br><b>GENERAL SCENIC MODELLING PRODUCTS</b><br>GM100 Mod Roc (2.75m) £4.45<br>GM119 Fine Plaster of Paris (1kg) £5.75<br><br><br>GM130 1/16 Cork Sheet 3' x 2' (60 x 90cm) £6.25<br>GM131 1/8 Cork Sheet 3' x 2' (60 x 90cm) £10.25<br>GM167 Balsa Bundle 50 x 76 x 229mm £1.75<br>GM168 Balsa Bundle 75 x 150 x 450mm £8.95<br><br><b>GRASS &amp; GRAVEL MATS</b><br>GM20 Spring Grass Mat 100cm x 75cm £7.95<br>GM21 Summer Grass Mat 100cm x 75cm £7.95<br><br><br>GM22 Autumn Grass Mat 100cm x 75cm £7.95<br>GM23 Gravel Mat 100cm x 75cm £5.95<br>GM38 Spring Grass Mat 240cm x 120cm £32.95<br>GM135X Mini Mat 45 x 30m (SINGLE) £1.65<br><br><b>MEADOW MATS</b><br>GM140 Meadow Mat - Spring 6mm Grass £8.75<br><br><br>GM141 Meadow Mat - Meadow 6mm Grass £8.75<br>GM142 Meadow Mat - Spring 12mm Grass £11.75<br>GM143 Meadow Mat-Meadow 12mm Grass £11.75<br>GM147 Meadow Mat - Beige 6mm Grass £8.75<br>GM148 Meadow Mat - Beige 12mm Grass £11.75<br><br><b>STATIC GRASS SYSTEM</b><br><br>GM196 Static Grass Starter Set £9.95<br>GM193 Puffer Bottle £4.65<br>GM169 Static Grass Glue (250ml) £6.95<br>GM170 Spring Grass Flock (30g) £3.05<br>GM171 Summer Grass Flock (30g) £3.05<br>GM172 Moorland Grass Flock (30g) £3.05<br>GM173 Meadow Grass Flock (30g) £3.05<br>GM174 Woodland Floor Grass Flock (30g) £3.25<br><br><b>BUDGET SCATTERS</b><br>GM101 Meadow Scatter (50g) £1.80<br>GM102 Mid Green Scatter (50g) £1.80<br>GM103 Dark Green Scatter (50g) £1.80<br>GM105 Spring Green Scatter (50g) £1.80<br>GM108 Earth Brown Scatter (50g) £1.80<br>GM109 Black Scatter (50g) £1.80<br>GM110 Red/Brown Scatter (50g) £1.80<br>GM112 Imitation Coal (50g) £2.25<br>GM116 Grey Tarmac Scatter (50g) £1.80<br><br><b>LICHENS &amp; HEDGES</b><br><br>GM160 Light Green Hedgerow (1m) £6.75<br>GM161 Dark Green Hedgerow (1m) £6.75 | <b>GM164 Light Green Lichen (80g)</b> £4.75<br><b>GM165 Dark Green Lichen (80g)</b> £4.75<br><b>GM166 Assorted Lichen (80g)</b> £4.75<br><br><b>FOLIAGE</b><br>GM150 Fine Light Green Foliage (30g) £3.05<br>GM151 Fine Dark Green Foliage (30g) £3.05<br>GM152 Fine Mid Green Foliage (30g) £3.05<br>GM153 Fine Light Brown Foliage (30g) £3.05<br>GM154 Fine Brown Foliage (30g) £3.05<br><br><b>STANDARD TREES</b><br>GM180 Plum Trees (3) £6.95<br>GM181 Plum Trees in Blossom (3) £6.95<br>GM182 Fruit Trees (3) £6.95<br>GM183 Apple Trees (3) £6.95<br>GM184 Birch Trees (3) £6.95<br><br><br>GM185 Weeping Willow Trees (3) £6.95<br>GM186 Poplar Trees (3) £6.95<br>GM187 Pine Trees (3) £8.50<br>GM188 Beech Trees (2) £7.50<br><br><b>VALUE TREES</b><br>GM128 Spring Tree Assortment (10) £9.95<br><br><br>GM129 Summer Tree Assortment (10) £9.95<br><br><b>BULK TREES</b><br>GM120 Deciduous Trees (25) £19.95<br>GM121 Mixed Trees (25) £19.95<br>GM122 Fir Trees (25) £19.95<br>GM123 Small Fir Trees (50) £29.95<br>GM124 Deciduous Trees (25) £19.95<br>GM125 Spruce Trees (25) £19.95<br><br><b>MAKE YOUR OWN TREES</b><br>GM195 Seafarm for Tree Making £20.50<br>GM156 Light Green Scenic Leaves (50g) £3.55<br>GM157 Mid Green Scenic Leaves (50g) £3.55<br>GM158 Dark Green Scenic Leaves (50g) £3.55<br><br><b>FLOWERS</b><br>GM139 Flowerbeds £11.95<br><br><br>GM175 OO/HO Garden Flowers £9.25<br>GM176 OO/HO Water Plants £9.25<br>GM177 OO/HO Garden Plants £9.25<br>GM178 OO/HO Wild Flowers £9.25<br><br><b>GRASS TUFTS</b><br>GM136 Spring Grass Tufts £10.95<br>GM137 Summer Grass Tufts £10.95<br>GM138 Flowering Grass Tufts £11.95<br><br><b>BRICKWORK</b><br>GM30 Plain Stone Wall Grey £9.25<br>GM31 Grey Stone Wall & Buttresses £9.25<br>GM32 Grey Stone Wall & Arches £9.25<br>GM197 Stone Tunnel Wall £7.75<br>GM198 Single Tunnel Mouth & Walls £14.95<br>GM199 Double Tunnel Mouth & Walls £19.95<br><br><b>BACKSCENES</b><br>GM701 Large Valley Backscene £7.95<br>GM702 Large Countryside Backscene £7.95<br>GM703 Large Open Field Backscene £7.95<br><br><br>GM704 Large Village Backscene £7.95<br>GM705 Large Cloudy Sky Backscene £7.95<br>GM706 Large Industrial Backscene £7.95<br>GM707 Large Housebacks Backscene £7.95<br>GM708 Large Pretty UK Town Backscene £7.95<br>GM751 Small Valley Backscene £4.95<br>GM752 Small Countryside Backscene £4.95<br>GM753 Small Open Field Backscene £4.95<br>GM754 Small Village Backscene £4.95<br><br><br>GM755 Small Cloudy Sky Backscene £4.95<br>GM756 Small Industrial Backscene £4.95<br>GM757 Small Housebacks Backscene £4.95<br>GM758 Small Pretty UK Town Backscene £4.95 |

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GM370 80mm Wide Tarmac Road (1m) £6.95  
GM371 80mm Wide Universal Curves (2) £6.95

### OO SCALE NARROW ROAD SYSTEM

GM375 68mm Wide Tarmac Road (1m) £6.95  
GM376 68mm Wide Universal Curves (2) £6.95

### N SCALE ROAD SYSTEM

GM390 40mm Wide Tarmac Road (1m) £6.95  
GM391 40mm Wide Universal Curves (2) £6.95



## TINY SIGNS

### OO SCALE REPLICA SIGNS

TS009E BR (Eastern) Station Signs £1.95  
TS009LM BR (Midland) Station Signs £1.95  
TS009NE BR (N Eastern) Station Signs £1.95  
TS009S BR (Southern) Station Signs £1.95  
TS009SCOT BR (Scottish) Station Signs £1.95  
TS009W BR (Western) Station Signs £1.95  
TS0021 Street Names £1.95  
TS0022 BR Modern Image Station Signs £1.95  
TS0023 Cornish Riviera Boards 1 £1.95  
TS0024 Cornish Riviera Boards 2 £1.95  
TS0025 Early Station Signs £1.95  
TS0026 GWR Poster Boards £1.95  
TS0027 LMS Poster Boards £1.95  
TS0028 LNER Poster Boards £1.95  
TS0029 Southern Poster Boards £1.95  
TS0030 BR Poster Boards £1.95  
TS0040 SR (Target) Sevenoaks/Oxted £1.95  
TS0041 BR (Midland) Preston/Rugeley £1.95  
TS0042 BR (Western) Turo/Taunton £1.95  
TS0043 BR (Eastern) Hitchin/Grantham £1.95  
TS0044 BR (NE) Durham/Morpeth £1.95  
TS0045 BR (Scottish) Falkirk/Crianlarch £1.95  
TS0046 BR (Southern) Woking/Axminster £1.95  
TS0059 Carriage Prints £1.95  
TS0060 Modern Image Road Signs £2.95  
TS0067 Pub Signs £1.95  
TS0070 Old Time Road Signs £2.95  
TS0072 Pre-Grouping Travel Posters £1.95  
TS0073 GWR Travel Posters £1.95  
TS0074 LMS Travel Posters £1.95  
TS0075 LNER Travel Posters £1.95  
TS0076 Southern Travel Posters £1.95  
TS0077 BR Travel Posters £1.95  
TS0078 BR Modern Image Travel Posters £1.95  
TS0079 Trackside Notices £1.95  
TS0081 Enamel Advert Signs 1 £1.95  
TS0082 Enamel Advert Signs 2 £1.95  
TS0083 Enamel Advert Signs 3 £1.95  
TS0084 Enamel Advert Signs 4 £1.95  
TS00131 French Travel Posters £1.95  
TS00132 French Travel Posters £1.95  
TS00133 German Travel Posters £1.95  
TS00137 London Transport Posters £1.95  
TS00138 London Transport Posters £1.95  
TS00139 London Transport Posters £1.95

### N SCALE REPLICA SIGNS

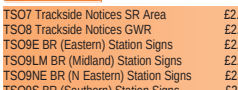
TSN9E BR (Eastern) Station Signs £1.95  
TSN9LM BR (Midland) Station Signs £1.95  
TSN9NE BR (N Eastern) Station Signs £1.95  
TSN9S BR (Southern) Station Signs £1.95  
TSN9SCOT BR (Scottish) Station Signs £1.95  
TSN9W BR (Western) Station Signs £1.95  
TSN21 Street Signs £1.95  
TSN22 BR Modern Image Station Signs £1.95  
TSN23 Cornish Riviera Boards 1 £1.95  
TSN24 Cornish Riviera Boards 2 £1.95  
TSN25 Early Station Signs £1.95  
TSN67 Pub Signs £1.95  
TSN71 Road Signs £1.95  
TSN79 Trackside Notices £1.95  
TSN81 Enamel Advert Signs 1 £1.95  
TSN82 Enamel Advert Signs 2 £1.95  
TSN83 Enamel Advert Signs 3 £1.95  
TSN84 Enamel Advert Signs 4 £1.95  
TSN91 GWR Travel Posters £1.95  
TSN92 LMS Travel Posters £1.95  
TSN93 LNER Travel Posters £1.95  
TSN94 SR Travel Posters £1.95  
TSN95 BR Travel Posters £1.95  
TSN96 Modern Travel Posters £1.95

### OO SCALE REPLICA SIGNS

TS05 Trackside Notices LNER £2.50  
TS06 Trackside Notices Midland £2.50



## TINY SIGNS



### TS07 Trackside Notices SR Area

£2.50  
TS08 Trackside Notices GWR £2.50  
TS09E BR (Eastern) Station Signs £2.95  
TS09LM BR (Midland) Station Signs £2.95  
TS09NE BR (N Eastern) Station Signs £2.95  
TS09S BR (Southern) Station Signs £2.95  
TS09SCOT BR (Scottish) Station Signs £2.95  
TS09W BR (Western) Station Signs £2.95  
TS025 Early Station Signs £2.50  
TS059 Carriage Prints £2.50  
TS096 Enamel Advert Signs £2.50  
TS097 Enamel Advert Signs £2.50  
TS098 Enamel Advert Signs £2.50  
TS099 Enamel Advert Signs £2.50  
TS0101 Pre-Grouping Travel Posters Sml £2.50  
TS0102 Pre-Grouping Travel Posters Lge £2.50  
TS0103 GWR Travel Posters Small £2.50  
TS0104 GWR Travel Posters Large £2.50  
TS0105 LNER Travel Posters Small £2.50  
TS0106 LNER Travel Posters Large £2.50  
TS0107 SR Travel Posters Small £2.50  
TS0108 SR Travel Posters Large £2.50  
TS0109 LMS Travel Posters Small £2.50  
TS0110 LMS Travel Posters Large £2.50  
TS0111 BR Travel Posters Small £2.50  
TS0112 BR Travel Posters Large £2.50  
TS0113 BR Special Issue Travel Posters £2.50  
TS0114 BR Special Issue Travel Posters £2.50  
TS0120 GWR Poster Boards £2.50  
TS0121 LNER Poster Boards £2.50  
TS0122 SR Poster Boards £2.50  
TS0123 LMS Poster Boards £2.50  
TS0124 BR Poster Boards £2.50

### N GAUGE PLASTIC KITS

GMKD01 House £4.25  
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£5.65  
GMKD05 House/Shop Unit with Glazing £5.65  
GMKD06 Two Shop Unit with Glazing £5.65  
GMKD07 Four House Unit £5.65  
GMKD08 Country Station £5.15  
GMKD09 Station Buildings £5.15  
GMKD10 Island Platform with Flat Canopy £7.95  
GMKD11 Flat Canopy £5.65

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GMKD13B Farm Rail Fencing Brown £2.85  
GMKD13W Farm Rail Fencing White £2.85  
GMKD14 Telegraph Poles £2.85  
GMKD15 Windows Doors & Gutters £4.05  
GMKD16 Platforms (2) £2.55  
GMKD17 Platform Ramps (2) £2.25  
GMKD18 Station Yard Huts £3.05  
GMKD19 Weighbridge & Office £4.25  
GMKD20 Coal Office £3.05  
GMKD21 Level Crossing/Keepers Cottage £5.65  
GMKD22 Four Greenhouses £2.85  
GMKD23 Water Tower £3.55  
GMKD25 Corner Shop £4.35  
GMKD26 Corner Pub £4.35  
GMKD27 Three Storey Townhouse £5.65  
GMKD28 Three Storey Town Shop £5.65  
GMKD29 Modern Station £7.75  
GMKD30 Modern Station Waiting Room £5.35  
GMKD31 Station Masters House £6.15  
GMKD32 Pair Pre War Semi Det. Houses £6.15  
GMKD33 Boilerhouse & Chimney £6.15  
GMKD34 Stable Block £3.65

### GMKD35 Cow Shed

£3.35  
GMKD36 Barn £5.65  
GMKD37 Farm House £7.15

### GMKD38 Steel Footbridge

£7.15  
GMKD39 Modern Industrial Unit £5.65  
GMKD40 Modern Fire Station £6.95  
GMKD41 Platforms Wide (2) £3.05  
GMKD42 Platform Ramps Wide (2) £2.75  
GMKD43 Goods Shed £7.45  
GMKD1000 Town Station £17.25  
GMKD1001 Old Factory with Chimney £17.25

### N GAUGE VALUE KIT SETS

GMKD2000 Station Set £15.25  
GMKD2001 Town Set £13.25  
GMKD2002 Suburban Set £15.25  
GMKD2003 Farm Set £17.25

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£4.95  
GM47 N Gauge Wheel Cleaner £3.95  
GM51 Spare Pads for GM50 £17.95  
GM49 Spare Pads for GM47 £17.95

### GM619 Precision Lubricator

£4.75  
GM667 Superfine Oil Pen w/Teflon Particles £4.95  
GM668 Electrical Contact Oil Pen £8.95

### GENERAL MODELLING TOOLS

GM08 Modelstrip (115ml) £2.95  
GM26 Track Rubber £6.95  
GM27 Jumbo Track Rubber £5.50  
GM600 A2 Cutting Mat £16.95  
GM601 A3 Cutting Mat £10.95  
GM602 A4 Cutting Mat £5.50  
GM603 A5 Cutting Mat £3.25  
GM604 Round Nose Pliers £6.75  
GM605 Flat Nose Pliers £6.75  
GM606 Side Cutters £6.75  
GM607 Half Round Pliers £6.75  
GM608 Bent Nose Pliers £6.75  
GM609 S/Steel Tweezers (4) £7.65  
GM610 Double Ended Pin Vice £4.95  
GM611 Sawset 1 w/ Scalpel Handle £3.25  
GM613 Trim-away Knife £3.25  
GM614 S/S Scalpel & Blades £5.50  
GM615 Plastic Scalpel & Blades £5.50  
GM616 Cutting Knife & 5 Blades £5.95  
GM617 Pick-Up Tool £2.25  
GM618 Magnifier Tweezers £4.15  
GM621 Locking Forceps Curved £6.50  
GM624 Swivel Top Pin Vice £4.25  
GM625 Curved Tweezer R/Action £4.25  
GM626 Straight Tweezer R/Action £4.25  
GM627 Blunt End Tweezer R/Action £3.85  
GM629 Cutting Discs (10) £4.70  
GM630 Screw Top Mandrels (3) £4.15  
GM631 Slitting Discs (10) & Mandrel £5.25  
GM632 Budget Needle File Set £5.95

### GM633 Glass Fibre Pencil 4mm

£4.75  
GM634 4mm G/Fibre Refills (10) £6.50  
GM635 2mm G/Fibre Refills (10) £8.75  
GM636 3mm G/Fibre Refills (5) £5.50  
GM638 Cutting Broaches 0.6-2.0 £15.50  
GM640 Archimedian Drill Stock £5.65  
GM641 HSS Jobrs Drills 0.5 (5) £3.95  
GM642 HSS Jobrs Drills 0.8 (5) £3.95  
GM643 HSS Jobrs Drills 1.0 (5) £3.95  
GM644 HSS Jobrs Drills 1.2 (5) £3.95  
GM645 HSS Jobrs Drills 1.5 (5) £3.95  
GM646 HSS Jobrs Drills 1.8 (5) £3.95  
GM647 HSS Jobrs Drills 2.0 (5) £3.95  
GM648 Microbox Drills 0.3-1.6 £9.95  
GM649 Microbox HSS Twist Drill Bits 61-80 £9.95  
GM650 HSS Jobrs Drills 0.3 (5) £3.95  
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Add more kits to extend the length or width to any  
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Size of overhead canopy 144 x 88mm



platform not included

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Four detailed laser  
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Pack contains  
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Pack contains three  
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Note: Umbrella poles  
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00 Code **PO515 -**  
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Laser cut card  
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Pack consists of  
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### Stone Built Wayside Station

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will sit well in any  
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location.

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Beautiful die cut card kit  
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Kit contains main station  
building and separate  
opposite platform shelter



### Platform kit

Can be built to any shape: curved,  
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**00 Red Brick** code PO216 - **£10.75**

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Comes with plastic  
steps / components.

00 code PO233 - **£9.00**





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# METCALFE

## READY CUT CARD KITS

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### 00 Shop Fronts

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Stone code PO273 - **£13.99**

**NEW!**



Designed to stand alongside PO274 Terraced House Fronts. This row of shops is ideal for running along back drops where space is limited. You can also make them stand alone by attaching them to our low relief House Backs, PO276. The kit



features laser cut shop windows and a selection of interior window dressings for different uses.

### 00 Terraced House Backs

Red Brick code PO276

Stone code PO277

**£11.99 each**



Two pairs of terraced backs. Great for running along track sides where space is limited.



### 00 Terraced House Fronts

Red Brick code PO274

Stone code PO275

**£11.99 each**



Each kit comes with a variety of optional doors, porches, bay windows and dormers  
**PLUS** laser cut garden gates.

### Village Shop & Cafe

00 code PO254 - **£11.50**

N code PN154 - **£8.99**

Every village needs a shop. For the rural layout. Comes with different posters and 'Cardale Village Stores' sign.



### 00 Workers Cottages

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Two complete sets of cottages and outbuildings. Based on the Settle Carlisle Railway Workers Cottages, this design lends itself to many uses be it railway, agricultural or industrial.



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## LAYOUT OF THE MONTH



### FACT FILE

- **LAYOUT NAME** Fence Houses
- **SCALE/GAUGE** 1:152 scale, 9.42mm gauge 2FS
- **SIZE** 39'x9'
- **ERA** 1950s/60s
- **CONTROL** DCC
- **LAYOUT TYPE** Portable exhibition layout
- **PHOTOGRAPHY** Nigel Burkin



FMF 9F 2-10-0 with a train of 21t hoppers heading south towards Fence Houses.



# FENCE HOUSES

Building a layout almost 40' long would be enough for most people, but **Bob Jones'** decision to model in 2mm Finescale (2FS) made the challenge even greater.

It might seem odd that one person would set out to build a 39' x 9' layout in 2mm finescale, especially on his own, and in the 'pre-grouping period' to boot. It did not seem odd to me at all.

Three of my previous four layouts had been designed with exhibitions in mind, and this one was to be no different. From time to time, I heard "it'll never get finished", and later on, "but how is he going to stock it?"

**Lots of mineral wagons were required!**

Originally I did not consider any of these practicalities, I was just enjoying myself with the dream. Eventually though some sense of reality did dawn and I changed the period to 1950/60s British Railways. This allowed the use of converted N stock, which in a lot of cases simply meant changing the wheels. Latterly, the 2FS Association has provided some 'drop in' replacement wheelsets, some complete with gears where necessary, to make finescale conversion of diesels possible with just a few minutes work.

This being the North East, lots of mineral wagons were required. This task was covered by team members, with special mention to Chris Mills', building of what seems like hundreds of etched kits of 16t mineral wagons and 21t coal hoppers.

Working on my own initially, in July 2004 a start was made on modelling this prototype location between Durham and Newcastle-upon-Tyne, on the 'old main line' in North East England.

After some four years of 'flying solo', during which time I built most of the baseboards, along with Victoria Viaduct, some old friends started to make contact again, and became part of what is now the 'FH' team.

One day I had an idea. Make an appointment with myself once a week, instead of just working now and again, and I should start to see some real progress. This was the beginning of what is now a regular Wednesday gathering where we work on the layout and, as construction progresses, planning what to do next, socialising and talking railways.

## TRACKWORK

The front 'scenic' track started in the form of etched chairplates soldered to copper clad sleepers, with 1mm x 0.5mm bullhead section nickel silver rail, all laid using The Association's 9.42mm (4' 8 1/2") track gauges. If I had not waited the 20 years after parting with the N gauge layout I would no doubt have started the new FH trackwork to the standards that I was familiar with



back then (rail soldered direct to PCB sleepers). This is what actually happened with my first layout in 2FS, which was used as a stepping stone to the ultimate goal. As it turned out, the wait was well worth it, and not just with regard to track building.

The layout planning software 'Templot' was used by Les Waters to draw the complicated trackwork layout in the station area. This was then printed and stuck down prior to setting the chaired sleepers in place.

There are over 50 turnouts, diamonds and single slips on the layout, all hand made using 2FS Association jigs and materials. Some areas had whole formations of turnouts and crossings laid out together, and completed in this fashion to allow the track to 'flow'. All fiddle yard trackwork, both plain and pointwork, is plain nickel silver strip, 1mm x 0.5mm section, laid direct to PCB sleepers fixed at least double the normal 5mm spacing.



## KEY DETAILS WHY 2FS?



Whilst it is true that not all the stock on the layout is strictly 2mm:1ft scale, the small difference in scale (1:148 for British N compared to 1:152 for 2FS) is negligible compared (in my personal view) to the visual advantages of 2FS trackwork and wheel profiles. Original standard Code 80 N rail of 0.080" height (2mm) is more akin to 4mm scale, compared to the 1mm x 0.5mm standard for 2FS.





## KEY DETAILS

### VICTORIA VIADUCT



This listed structure, built in 1836-1838, sits astride the River Wear, about two miles north of Fence Houses station. The model is a scale 800' long (1.6 metres) and some 135' above river level. My viaduct is set on a curve of 1.8m radius to suit the end board it sits on, whereas the real viaduct is straight. A basic MDF/ply sub base was covered with Polyfilla and scribed to mimic the stone of the original. The whole thing was painted by another old pal, Mike Raithby. A detailed description of the model's construction was published in Model Railway Journal No. 198 (Wild Swan Publications).

If we had carried on making plain track in the chaired sleeper mode, we would still be at it, but halfway through our track building period, along came 'Easitrac'.

'Just add rail' is the slogan, and it has probably saved us two to three years of plain track making. It used to take me a day to make less than a metre of track. Putting the same amount of 'Easitrac' together takes about 20 minutes!

However, all pointwork was assembled via the etched chair plate route, mainly because FH required quite a few 'one offs', and partly because 'Easitrac' pointwork was in its infancy.

Cast brass chaired sleepers are available to enable electrical feed to be made to 'Easitrac' sections, but in FH's case I just soldered the feeds to strategically placed PCB chaired sleepers.

In retrospect what I should have done is to solder the feed wires direct to the underside of the rails. This offers the benefit of being sure the power reaches the rails, and does not terminate at the sleeper if there are dodgy solder joints.

The plastic base of the 'Easitrac' system has to be glued down with a particular type of adhesive, which is, like all the other parts and jigs, available from the 2FS Association.

As members of the Blyth & Tyne Model Railway Society, we were able to take advantage of its superb 9,000 square foot premises in North Shields, for finishing off the construction, lighting and initial test running in 2010.

### BALLASTING

I recovered a shopping bag worth of full-size ballast from the old head shunt just north of the station, which closed in 1964. Part of this area had been subject to a landslip years previously, which had exposed the original ash ballast used by the NER. What I did not realise at the time, and which could have had disastrous consequences for us, was that this stuff contained molten metal particles!

Even whilst our 'sifting and bashing' operations were taking place to reduce the size to that required, it did not occur to us that we could be storing up electrical problems. It was only when we had virtually completed the ballasting that Eddie Ford of P4 layout 'Blackgill' fame (look for Blackgill on RMweb) pointed out he'd heard of a local 4mm scale group that had



Looking north towards the goods warehouse in the distance, with the coal yard office in the right foreground.

## OWNER FACTFILE



Readers may be familiar with Mick Simpson's N gauge product reviews for this magazine. Most will not be aware that Mick was the main reason I got interested in modelling 'Fence Houses' (FH). We met at an exhibition in Newcastle-upon-Tyne, some 40 years ago, and Mick told me his grandfather Jack Dunning had been Station Master at FH in the 1940s/1950s. Mick appeared on the scene in the latter period, and with fond childhood memories had often thought of modelling the station himself. It turned out that I would do it instead, and not just once.

The first FH was built to N standards, between 1979 and 1983.

Mick was instrumental, along with Les Waters, in introducing me to 2mm finescale (2FS) around 1983 when we all joined the 2mm Scale Association. This was the second time I'd become a member, having previously joined in 1960 but thinking I could never match those standards! It's taken a while, but I now find myself amongst the 'old codgers' who we all used to look to for advice and inspiration. I suppose I just stuck at it, all the while with this dream lurking in the back of my mind that FH would reappear some day in 2FS.

## OWNER FACTFILE

encountered such a problem, and we became aware of our possible fate!

For whatever reason we've had no electrical problems at all in this respect. After laying the sifted ballast in it's dry state, and prodding for ages with small brushes to get it where it was wanted, the traditional mix of watered down PVA/washing up liquid drops was dispensed from an eye dropper.

Turnouts were carefully cleaned up/dried off with paper towel sheets around the rails before they stuck together, and the blades were operated periodically during the drying time. Even so, some time was spent afterwards in freeing up the blades and tie bars that had succumbed to the sticky mixture.

With the track progressing steadily we had to make a decision. Stay with DC or go DCC?

After investigating various DCC systems, we were very taken with the ESU ECoS system from Germany. This seemed very suited to our 'big train set' requirements, and so it has proven to be.





**With a layout this big - a circuit is 2.5 scale miles - how would my kit designs stand up to the rigours of extensive working to exhibition demands?**

### SCENERY & STRUCTURES

After many months looking at the light brown MDF baseboards as we laid track and connected the electrics it was quite a shock to see what just a preliminary coat of green paint did for the layout!

We started with some experiments using an electrostatic grass applicator, and were impressed. However, as another old friend, Alan Pearson, joined us, we were soon impressed to a higher degree as Alan was given free rein to display his talents in the scenic department. All sorts of garden 'tree trunks' and parts of plants were brought in

and mixed with commercial items to produce what you see in the photographs.

We had a flying start thanks to the original buildings previously made for the N layout in the 1980s. They were in remarkably good shape for their age, and although a few new buildings would be required, they would save us a lot of time.

However, new to this version of 'FH' are Victoria Viaduct and two additional signalboxes to complement to the original station 'box'. These are Wapping Bridge (Photo 7) and the overtrack Penshaw North (Photo 6).

Low Lambton Farm access bridge, Lambton 'D' pit buildings (Photo 8) and the NER lattice footbridge across the station platforms (Photo 9) were also added.

Last to appear is the old Post Office, situated behind the Station Hotel. In addition to these structures we also now have well over 30ft of backscene, again painted by Mike Raithby.

The new etched footbridge in the station area replaces the unprototypical George Allen etch that I'd used on my earlier N layout. My etch is correct for 'FH', incorporating as it does the third





From time to time, I heard “it’ll never get finished”,  
and later on, “but how is he going to stock it?”

stairway. Simon Perkins built the old Post Office, and like most of the other structures on the layout this uses brick and stone embossed plastic card. I believe that the Post Office was demolished in the mid-1960s and replaced by a petrol station. Fence Houses current Post Office adjoins the dormer roofed ‘Cork Cottage’ on the opposite side of the road, and is modelled in prototype yellow brick. Lambton ‘D’ pit buildings are again in plastic card and the etched head gear is from a Wrightscale kit.

#### SOMETHING MISSING

Having mentioned Penshaw North ‘box above, you may well be wondering what happened to Penshaw South. The Penshaw area lies between ‘FH’ and Victoria Viaduct, but had to be omitted along with the station, south signalbox and almost everything else if I was going to be able to work within the available space. Having said this, some things could not be ignored entirely, so as well as including the north ‘box on the approach to

the viaduct, partly modelled is the four track main line section running from just south of the viaduct to Wapping Bridge (about two miles in reality), and the two double junctions under the north ‘box, one of which is for the part-modelled Sunderland branch.

With three signalboxes on the layout, I really do need to work on the signals, but will it be these or more locomotive kits first?

A major landmark in the area is Penshaw Monument, erected to the memory of the 1st Earl of Durham in 1844 - the same year Fence Houses opened. It is totally wrong geographically, but I could not resist asking Mike Raithby to incorporate an impressionistic view of the hilltop edifice on the backscene near Victoria. Realistically, like Lambton ‘D’ pit, it should be behind the viewers, not appearing in front of them on the backscene!

At the southern extremity of the layout, the exchange sidings (Photo 4) terminate just before

## WANT TO KNOW MORE ABOUT 2FS?

For anyone interested, and for general enquiries, you can write to the  
**2mm Scale Association at 24 Hillsborough Terrace, York YO30 6EW.**

Membership applications should be sent to; **14 Fernbank Drive, Baildon, Shipley, West Yorkshire BD17 5HZ. W 2mm.org.uk/**



## KEY DETAILS MOTIVE POWER



**6**

My earlier interest in the pre-Grouping era is illustrated here by an NER class '708' goods 0-6-0, along with various loaned pre-Grouping wagons. Penshaw North signal cabin is an FMF scratch/kit-built structure.



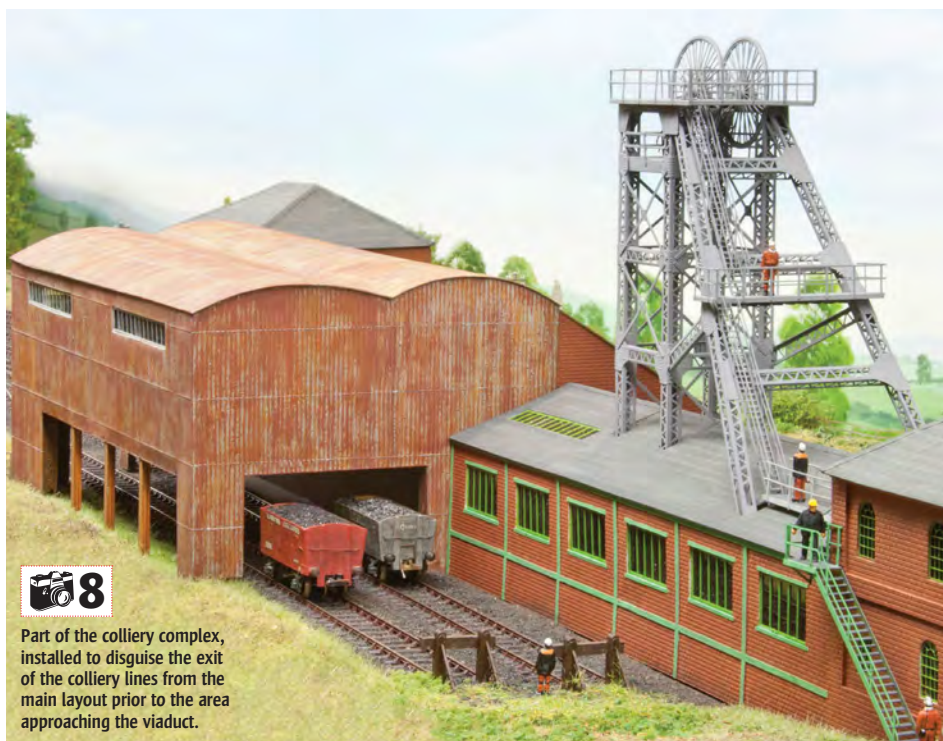
**7**

In order to boost the fleet we have employed a few converted N steam locomotives to fill the gap for now, but I prefer to draw my own artwork for designs of steam locomotives to 2FS standards, and get these etched to build myself. This has slowed things down of course, but I am not happy with the over-scale appearance of valve gear and motion on commercial N models.

One possible cause for concern has not materialised; with a layout as big as FH (a circuit is 2.5 scale miles), how would my kit designs stand up to the rigours of extensive working to exhibition demands? Nearly four years experience has shown few problems in this regard.

My involvement in computer design work for etching began in 1994 with a BR 21t hopper wagon kit, but my first complete locomotive kit in 2FS did not appear until four years later, this being the NER

E1/LNER J72 0-6-0T. At the opposite end of the spectrum is the BR 9F 2-10-0 kit which arrived in 2007. Prototype wheel diameter for a 9F is 5' (10mm) but the wheels on the kit are 9.5mm diameter and were specifically produced by The 2FS Association for the kit. The association's standard flange depth of 0.5mm would have meant I could not have kept to the correct wheel centres. I considered turning the flanges down to 0.3mm, which might have worked, but I was persuaded to keep to the association standard instead. This worked out well, as due to the slightly overscale flange, you get the impression of the correct 10mm dimension. The middle flangeless drivers help of course, but there is less than 0.3mm between flanges on the rest. More information and photographs of my locomotive kits can be seen in MRJ No. 226, including the LNER D49 4-4-0 kit.



**8**

Part of the colliery complex, installed to disguise the exit of the colliery lines from the main layout prior to the area approaching the viaduct.

the bridge, which carries Black Boy Road over the railway. In reality this bridge is a quarter mile further south, and has been modelled in its present location simply to help disguise the entrance to the fiddle yard. Because of this, like the Penshaw area, we have omitted Newbottle Lane crossing and its signalbox, that were in reality between 'FH' and Black Boy Bridge.

### GROUP EFFORT

The people who work on 'FH' have put in many hours work to enable my dream to come true. Some model in different scales to 2FS, so I'm even more fortunate that they are prepared to spend some of their modelling time with me. Not previously mentioned above are John Robson (who is building Keswick station in OO), Stephen Harold (equally interested in 7mm scale) and Stuart Barnes, who all help out as required. The most recent additions to our ranks are Gillian, Heather and Daniel, all of whom do a great job at exhibitions. I started this story by asking why one person would attempt this on his own. Well, in the end he didn't, it was a group effort. My sincere thanks to everyone. Thanks also to Nigel Burkin for the layout photographs.

**BRM**





9

The level crossing area. A cantilevered design for the signal cabin allows it to sit between the BR lines on the right, and the colliery lines to the left.





# 2013 2010 2005 11 2002 2009 TIMELINE

## → July 2004

Work starts on building baseboards and Victoria Viaduct.

## → 2007

First appearance (half length layout as work in progress only) at the 2mm North East Area Group 25th anniversary exhibition.

## → 2008

A few old friends join the layout construction team.

## → 2008-10

Trackwork completed and converted to DCC operation.

## → May 2010

First test run of whole layout, which was nearly 'rained off' (see below!)

## → June 2010

First showing of full size layout as a 'work in progress' at the 2mm Scale Association 50th anniversary weekend in Oxford. Scenic work begins in earnest and buildings from the original 'N' layout added.

## → August 2011

First general public exhibition appearance at Raillex NE at North Shields.

## → October 2012

Voted 'Best in show' at Manchester show.

## → November 2012

Voted 'Most Entertaining' at the Tyneside Show.

## → 2013

Backscenes completed. First signals installed in time for the Warley show in November.

## → February 2014

Wins 'Best in Show' at Model Rail Scotland. Work continues with signalling and building of more loco kits



## SEE IT LIVE!

See 'Fence Houses' at Wigan exhibition on the 7th/8th June, or at Halifax on 27th/28th September

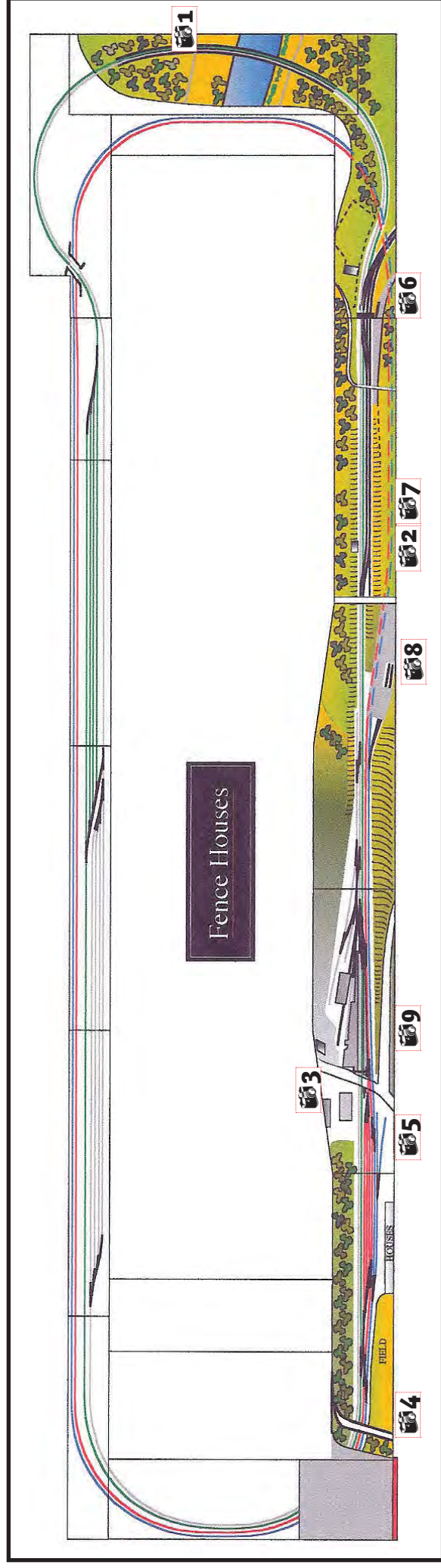
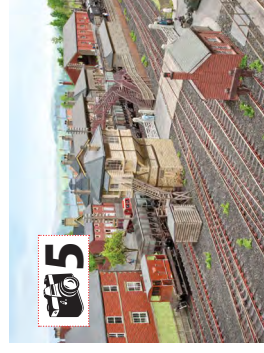
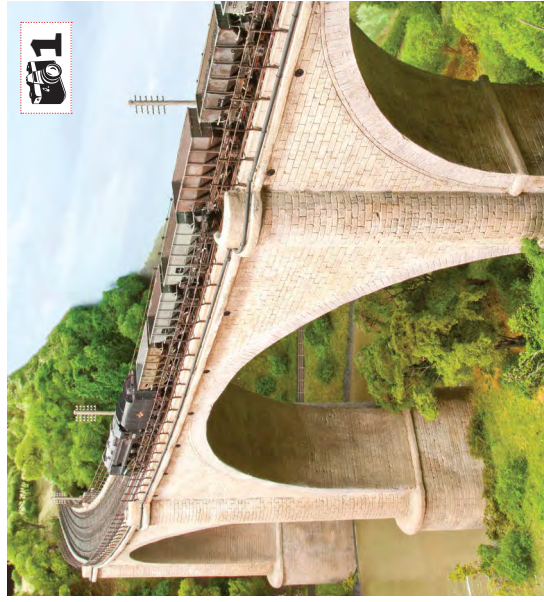
The next time we are 'down south' is in November 2014 at The Tolworth Train Show.



**2mm**  
GAUGE

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*Amateur*



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# SPRAT & WINKLE COUPLINGS

The Sprat & Winkle coupling looks a lot like an upside down RTR tension lock and it works in a very similar way. Here we see a S&W fitted wagon posed over an uncoupling magnet. The steel chain has been pulled down taking the coupling hook with it. This will uncouple it from an adjacent vehicle. When the vehicle is away from the magnet, a counterweight underneath returns the hook to the top position.

**Phil Parker** shows how straightforward it can be to add these discreet couplings to your rolling stock



**O**ver the 20 years I've been exhibiting model railways around the country, the number one question I'm asked is, 'What are those couplings? For all this time, the answer has been the same - Sprat & Winkle.

Back in the 1980s, I'd operated a few friends' layouts and since they used these couplings, I assumed that the next sensible step along the road to being a 'proper' railway modeller would be to change the stock I owned over to them. After all, they worked well and were certainly a lot less obtrusive than the tension locks fitted to RTR models.

It's a decision I've never regretted. In use, the coupling system has proved to be at least 95% reliable, and this is on shunting layouts where they see a lot of action. Rolling stock travels to the show in boxes where the wagons can move around a little and bash the hooks but despite this, once set up, I'm confident enough to go for a cup of tea and look at the second hand stall instead of laboriously checking the alignment of my couplings as some others have to do.

Sprat & Winkles are a tension lock coupling, just like that fitted to RTR stock. Push vehicles together and they couple. Buffer up over an uncoupler and they will separate. The difference between these and anything supplied by Hornby or Bachmann is that the uncoupler is an invisible magnet instead of a very visible sprung ramp.

Originally available from Model Signal Engineering, the range is now sold by Wizard Models with versions to suit 3, 4 and 7mm scales. There are two versions - Mk.1 and Mk.3 - the difference being that the Mk.3 incorporates a delay feature which allows wagons to be uncoupled and then pushed along to the siding where you wish to leave it without the wagon re-coupling.

The original Mk.1 version uncouples on the magnet and you have to leave the vehicle there but I prefer this system as the hook is less obtrusive to my eye. **BRM**

**Sprat & Winkles are a tension lock coupling, just like that fitted to RTR stock. Push vehicles together and they couple. Buffer up over an uncoupler and they will separate.**

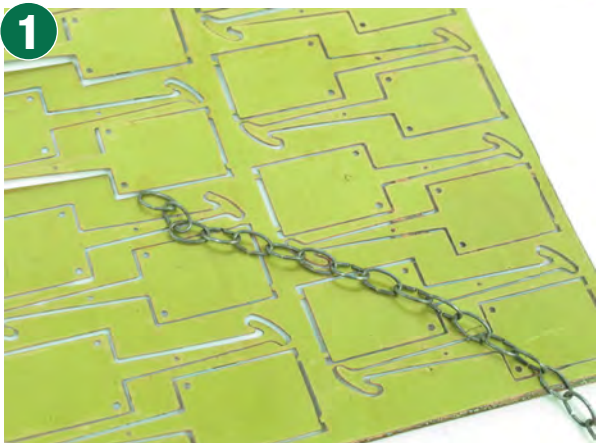
## WHY 'SPRAT & WINKLE'?

The name originates from the first railway layout they appeared on - Derek Mundy's model of the LSWR's Meon Valley line. Hampshire locals joked that sprats and winkles were the only traffic the line would generate and the nickname stuck.



## STEP-BY-STEP GUIDE

1



The couplings are supplied flat on an etched brass fret. You can clearly see the hook and counterweight paddle, the latter being hidden under the vehicle. Each has to be removed with a craft knife and a 90° bend made in the hook using a pair of pliers. The chain in the photograph is from the EM Gauge Society but you can buy something similar from Wizard Models.

2

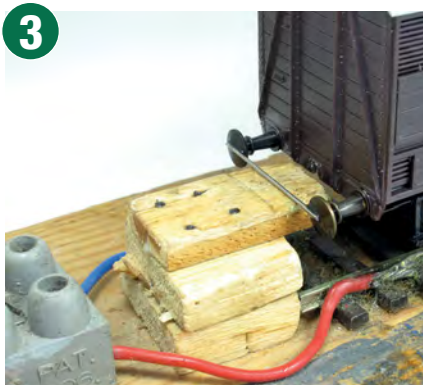
The only jig required is one to set the height of the coupling bar. This can be something as simple as a block of wood set between the rails of a piece of track. I made this battered example a couple of decades ago. Simply a length of Peco nailed to a bit of plank; at one end there is the height jig and I've inset an uncoupling magnet further along for testing.

**IF THE MAGNETS ARE INVISIBLE, HOW WILL I KNOW WHERE THEY ARE?**



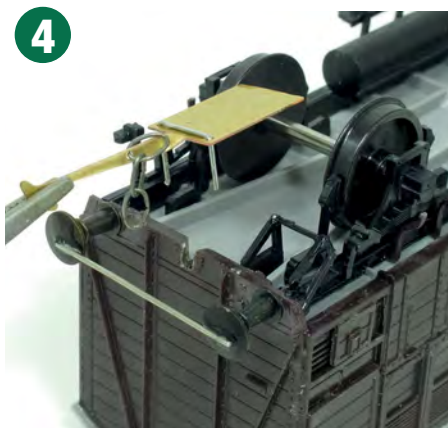
On plain track I paint the side of the rail pale grey on the operators side. If that's not possible, some handy details are placed at either end. In the photo, the magnet is between the man waving his hand and the box on its side.

3



Fitting the couplings starts with setting the bar height. Thin wire is recommended for 4mm scale but I tend to use the finest dressmaking pins I can find with the heads snipped off. The simplest method of attachment is to sit the wire on the jig, place a dot of superglue on the buffer heads and roll the wagon up to the wire. An alternative that is a little more discrete and probably stronger for long trains is a goalpost shaped wire sticking out of the bufferbeam.

4



Next, the chain is attached to the hook, a wire loop (I use an old staple suitably re-bent) pokes through the pivot holes in the paddle and then through holes drilled in the wagon floor. Note that the hole for the coupling hook has been turned in to a slot so the hook can poke through the bufferbeam. Blackening the couplings is a good idea before you do this as paint chips off in use.

6

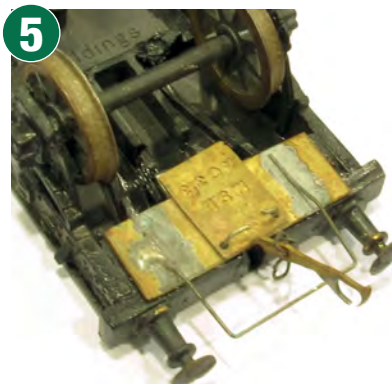


On the right, you see the S&W fitted to a Parkside kit wagon where it's tucked behind the bufferbeam. On an RTR wagon such as the one on the left, this can be trickier as the 'floor' is part of the chassis and therefore at the bottom of the buffers. The simplest solution to this is cut a big hole in the chassis to accommodate the paddle and use the wagon body floor to attach everything.

### USEFUL CONTACT

Sprat & Winkle couplings are available from:  
**Wizard Models**, PO Box 70, Barton upon Humber, DN18 5XY  
[www.wizardmodels.co.uk](http://www.wizardmodels.co.uk)

5



If you prefer, Wizard sells the parts to mount the coupling at the bottom of the bufferbeam rather than tucked behind it. In this picture you can see a different style of hook, this is the Mk.3 variant.

7



The uncoupling magnets are long enough to sit under a pair of vehicles but, in OO at least, narrow enough to be fitted between the rails. The photo shows them being buried before the track is laid but normally, I just cut through the sleepers where I want a magnet, carefully dig a hole and install it then put the sleepers back and re-ballast.





# PAIN T YOUR MODEL

**Nigel Burkin**  
shares his top  
tips for achieving  
better results when  
repainting models.

**T**ackling a paint job can seem a little daunting if you're a newcomer to the hobby. Some believe model painting is an art form, something which you can either do or not. Alternatively, many see it as a scientific part of modelling, with

paint mixing, chemicals and colours to contend with. In my view, it is a bit of both but no-one should let that put them off from having a go.

A good painting process, followed consistently, can result in great results almost all of the time. Despite having previous experience, all modellers

occasionally have painting troubles. These can be down to atmospheric conditions, a poor batch of paint, insufficient mixing of paint or simply having 'one of those days'. So do not be put off by a bad result – keep at it and improve your technique.

**BRM**



A good painting  
process, followed  
consistently, can  
result in great  
results almost all  
of the time.

A successful repaint of a Heljan Class 47 to represent 47 310 in Railfreight Distribution livery used the process of lightest colour first, darkest last of all.

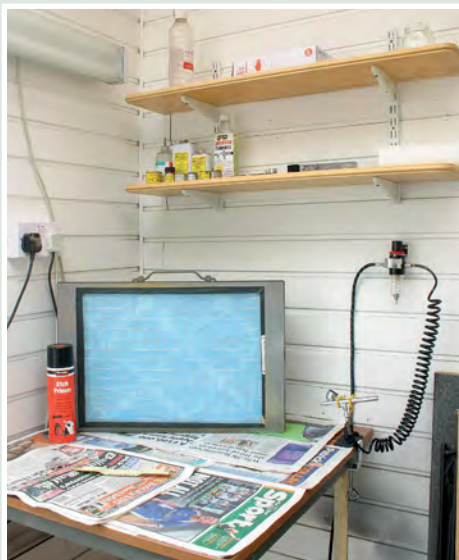


## EXPERT TIP

### Cleanliness

Before looking at paint shop techniques, it must be emphasised that cleanliness is critical. Dust and hairs are a common problem and really annoying when an otherwise good finish is spoiled by a cat hair embedded in the paint. The more complex the livery, the greater number of colours the greater chance is for dust, fluff and hairs to settle on the surface of the model during each stage of painting. To avoid this, I thoroughly clean models before starting painting, use the first coat of paint to find faults and hitherto undetected dust in the model which can be rubbed down before committing to final colours.

Contaminants are avoided by cleaning the painting area before every job. This includes replacing coverings, newspaper and checking the surrounding area for dust. My workbench is also thoroughly cleaned when completing detail painting and paintbrushes are checked for old paint. The same goes for airbrushes; clean them thoroughly after use so they operate correctly every time and there are no traces of paint left in cups and at the nozzle.



Cleanliness and safety are vital to successful painting. If you're serious and expecting to do a lot of painting, a well equipped spraying area with extractor booth, filters and a large area for preparing paints for spraying makes life a lot easier. Ideally, the painting area should be located away from living areas if possible.

## 10 TIPS FOR BETTER PAINTING

Paint must be stirred thoroughly before each use. Do not skimp on the mixing process and use a flat bladed stirrer such as a lolly stick.



### 1 STIR PAINT THOROUGHLY

One of the main causes of poor painting performance is failing to mix paints correctly. Do not be tempted to give the tin or jar a quick shake – paint needs much more than that! Paint consists of pigment particles held in a carrier, usually a solvent which requires at least two minutes of thorough mixing with a flat stirring stick to make it as homogeneous as possible. Stir until all of the pigment has been distributed in the paint, including every scrap from the bottom of the container. Do not manually stir paint with a screwdriver or plastic sprue because the mixing action will not be as effective as with a flat stirrer. Owners of mini-drills can use a stirring paddle fitted to the drill for a slow but effective paint mixing action if desired.



Mechanical stirring is an effective way to mix paint, particularly awkward colours such as yellow, red and maroon. A wire paddle fitted to a mini-drill will slowly but effectively stir the paint.

### 2 USE GLOSS PAINTS

I prefer to use gloss paints for primary paint application whenever I can. The resulting finish is smooth and makes the ideal surface for applying waterslide transfers. Most transfers have a carrier film which has to be concealed so the transfer itself appears to be 'painted' on the model – a seamless application. The light normally reflected by the smooth finish of gloss paint is more refracted by matting particles in satin, dull and matt finish paints. The result is a slightly textured finish, not obvious to the naked eye, but transfer carrier films rarely stick to it efficiently causing 'silvering' where the carrier film forms a halo around the transfer itself. There are tricks to eliminate this effect, but it is better to use gloss paint at the outset or apply a coat of gloss varnish to the model after primary paint application but before applying transfers.

TURN OVER FOR MORE TIPS







# PRACTICE MAKES PERFECT!



Clean masking is one of the vital components of good livery painting. The edge of masking is not always perfect nor clean. Trim it using a scalpel for the sharpest paint line possible.

## 3 TRIM MASKING TAPE

Clean masking media such as tape and film are very important. Store them in a clean, airtight bag between painting sessions. Masking of a model, particularly for complex requires care and time to achieve a good result. A clean line between colours is vital and clean edges to your masking medium will go a long way to help. Never assume the tape you are using has a perfectly clean edge. Measure out the required length and place it on a totally clean cutting mat dedicated to the task. Use a new scalpel blade and a clean steel rule to cut a couple of millimetres from the edge of the tape. The result should be the cleanest possible edge and desensitised masking when it is removed from the mat ready to apply to the model.

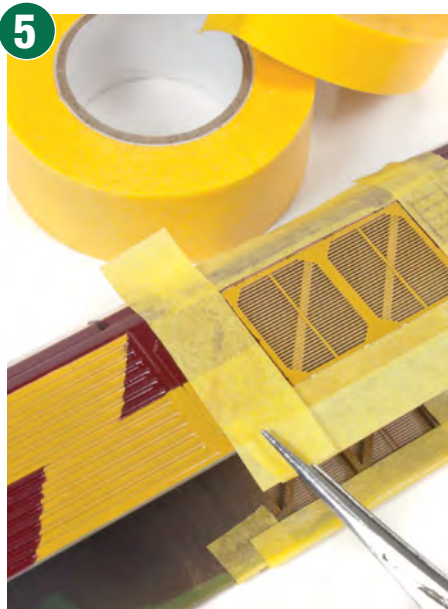
## 4 PLAN YOUR PROCESS

Look at the livery you plan to apply before starting work and use reference photographs. Be sure you have all of the required colours and buy new paints if the project is important or valuable. Don't rush, but look at ways of doubling up – painting two or more models at the same stage where colours coincide. For example, I will coat one model in rail grey as a base coat at the same time as applying the same colour to a BR blue/grey coach.

Apply the lightest colours first, working up to the darkest colour at the end of primary paint application, a process that will take a number of days to complete. A Railfreight grey diesel would start with Rail Grey, partly as a base coat. Warning panel yellow is next, then Flint Grey and finally Executive Grey on the roof. Detail painting follows. Planning the masking is also part of the work. Do not leave masking in place any longer than absolutely necessary. Masking is applied, painting completed and masking removed as quickly as possible.

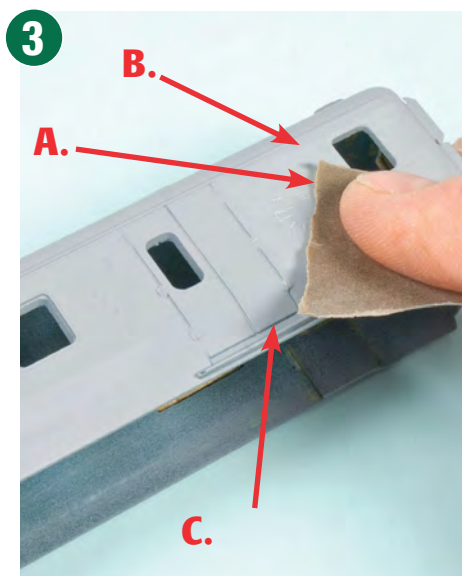
I doubt that I could 'teach' anyone to paint except by demonstrating techniques I use on a regular basis. The best way to learn is to have a go and make some mistakes along the way. Buy some old locomotive or coach bodies from second-hand stalls at shows and practice painting techniques. In fact, this is a good idea for all painting work. I have a selection of old bodysells which are used for test spraying before applying paint to the project model. Such tests soon reveal if I have mixed the paint correctly, if the airbrush is performing fine, that the paint mix is thinned to the required level and there are no hardened particles in it. Ambient temperature can have an effect on finishes and this can be accounted for by test spraying. I want to avoid flooding through over-thinned paint, an orange peel finish with paint that is too thick and to see how it is likely to cover the model. By the way, orange peel finish is a particular problem with gloss paints, so check the paint mix carefully before spraying.

Another simple tip to check paint performance is to spray a patch on a test bodysell, close the needle so no paint is applied and use the stream of air to dry the paint or varnish off to see the resulting finish. It is a particularly useful method for checking varnish finishes before committing to spraying the project model.



A neater finish can be obtained by spraying small details such as grilles instead of using a paintbrush.

Whatever you do, remember that the resulting model will be unique to you and will be all the more satisfying to own than that brought straight from the box. Why not have a go today!



Faults are usually corrected with fine wet and dry paper (A) such as the poor finishing in places where the bodysell has been modified and treated with filler (B). Care is taken not to smooth primer from etched metal details whenever possible (C).



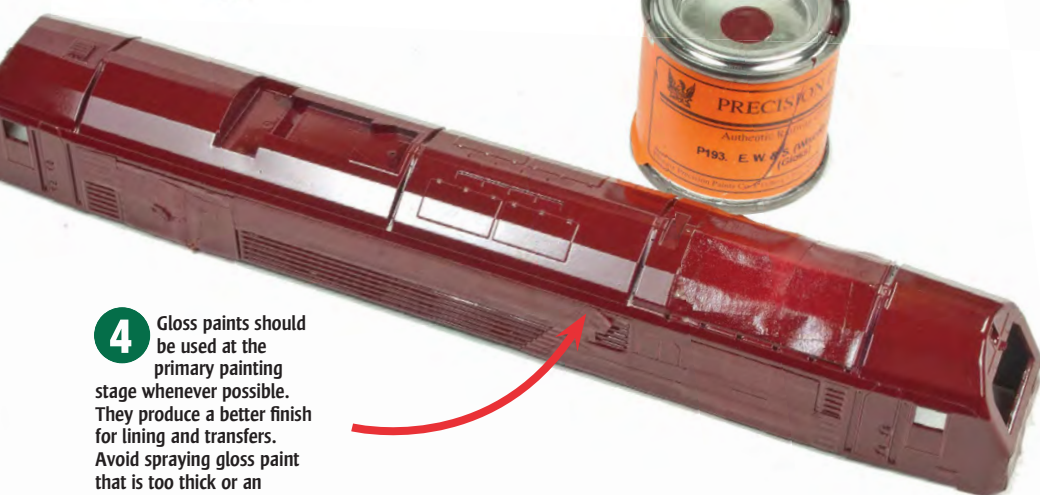
Large waterslide transfers have a better chance of adhering to gloss paint finishes without silvering of the carrier film. If you cannot obtain gloss paints, apply a coat of gloss varnish to the model before applying transfers.





**1** An old locomotive body is perfect for test spraying colours and varnishes. After a while, it can be stripped using specialist strippers for plastic models and reused after several coats of paint.

**2** Grey paint and plastic primer is ideal for identifying faults in a model bodysell which may be rectified at this stage of the project. The grey colour is an ideal undercoat for light colours such as yellow too.



**4** Gloss paints should be used at the primary painting stage whenever possible. They produce a better finish for lining and transfers. Avoid spraying gloss paint that is too thick or an orange peel finish will result.

**7** Certain colours are difficult to apply and may take more than one coat to obtain full coverage, especially into recessed detail. Avoid the temptation to keep spraying in an attempt to paint the model in one go. Two thin coats are better than one that floods all the detail.



Dust and particles in paint are particularly annoying. Prevent paint build up on the rims (A) and tops of tins. Cleaning dust from the lip of a tin (B) before using the paint also helps. Keeping the rim (C) and lid (D) clean will ensure a good seal when the lid is replaced. Avoid spillage, such as that seen at (E), as much as possible.

## 5 LOOK AFTER YOUR PAINT

Another good reason not to shake tins and jars is to avoid too much paint collecting on the lid. Paint runs onto the lip of paint tin lids and into the screw threads of jars, eventually hardening to a crumbly texture. The tin or jar seal will be damaged over time, allowing air to come into contact with your valuable paint! Hardened paint may contaminate the remaining paint too, blocking airbrushes and marring the finish.

Good storage will protect tins and jars from damage, frost and also the collection of dust around the lip of paint tins. The dust and debris that accumulates over time can be easily removed with the corner of a rag soaked in thinners. I avoid pouring paint direct from a tin into the airbrush cup whenever possible, preferring to use a disposable pipette. Particular attention is placed on keeping my larger tins of paint in good condition – 50ml tins have to be stored longer than 14ml tinlets until all the paint is used. They are always kept upright in a drawer at a constant temperature.

## 6 APPLY A GOOD BASE COAT

There are several colours traditionally notorious for good coverage and red, yellow, maroon and orange shades are prime examples. The key is to apply over a base colour of light grey, or in the case of maroon, a BR bauxite base if possible. Alternatively, apply red over grey and follow up with maroon.

A light grey base coat (Rail Grey or universal grey primer is ideal) will reveal faults in the preparation of the model. Poorly filled areas, dints, marks, dust and hairs become apparent. Take this opportunity to fix any faults and re-coat with the preferred base coat colour. Fixing faults afterwards is not so easy!

Plastic primers are useful for base-coating plastic models. General purpose grey primer is a popular material for small plastic details, such as the black add-on parts supplied with RTR models. These need a touch of a light colour such as air brake pipes on diesels where the cocks may be painted white, red or yellow. Primers for plastics come in a variety of colours and choosing the right one for base coating a model prior to painting can save a great deal of over-coating.

**TURN OVER FOR MORE TIPS**



# PRACTICAL BRM



## ADVANCED TECHNIQUE

### 7 PRE-SHADING

An advanced technique favoured by military modellers. By applying a dark colour to relief on the model, the effect of shading and shadows is achieved. After priming, the model is sprayed with matt black or dark grey with attention paid to seam lines, grooves, ribs, grilles and other similar features. Plain areas are left untreated. Once dry, the livery colours are applied, avoiding the infilling of the pre-shaded relief. The effect is one of contrast once painting is finished. The technique is better applied to wagons and structures rather than locomotives unless the livery is relatively simple. Subtlety is the key to using this technique and practice is recommended!



Save valuable masking tape by using clean printer paper to cover large areas of the model.

### 8 MASK WITH PRINTER PAPER

Masking tape and film is expensive and should be used sparingly to save money and reduce the amount of tape adhesive sticking to your paint. When a small area of a model is to be painted, such as the front of a diesel, tape is used to achieve the required edge between warning panel yellow applied to the cab and the bodyside colour. The remainder of the model can be covered quite safely with clean 70gsm printer paper which must be well taped down at the edges. If the tape used to secure the paper is unlikely to come into contact with the painted body, you could get away with using ordinary masking tape for the job as long as there is no chance to paint creeping underneath it.

**SAVE**  
£££££

## EXPERT TIP

A useful tip when spraying with an airbrush is to blast away dust and hairs before allowing the paint to flow. It's handy if you see a speck of dust or fluff just as you are about to apply paint!

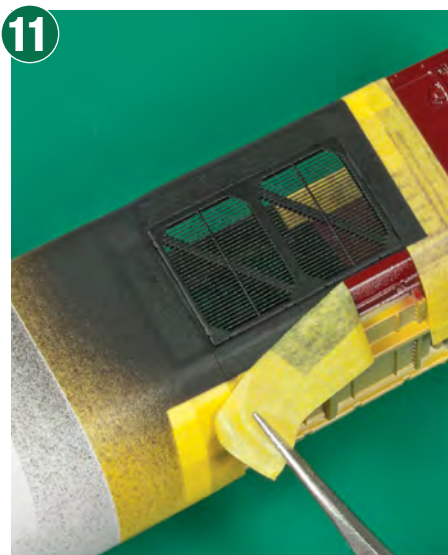
## PRACTICE MAKES PERFECT continued...



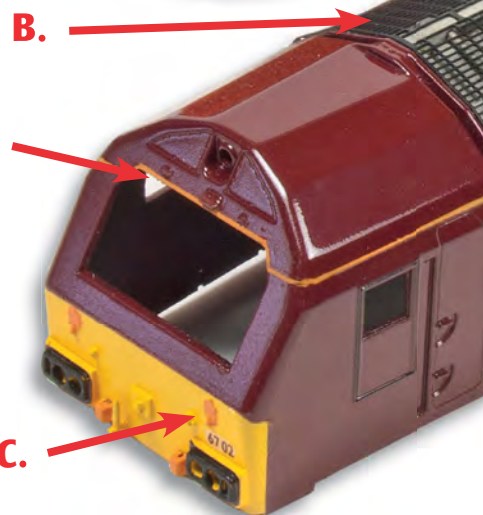
A Class 67 body is masked for the application of black to the bodyside grilles. Masking for this stage of painting consisted of a mix of paper and Tamiya low-tack masking tape. Use reference photographs whenever they are available.



Grilles should be sprayed from both sides to ensure complete coverage. Sometimes, it is necessary to mask parts of the inside of the bodyside to prevent overspray reaching paint on the exterior of the body.



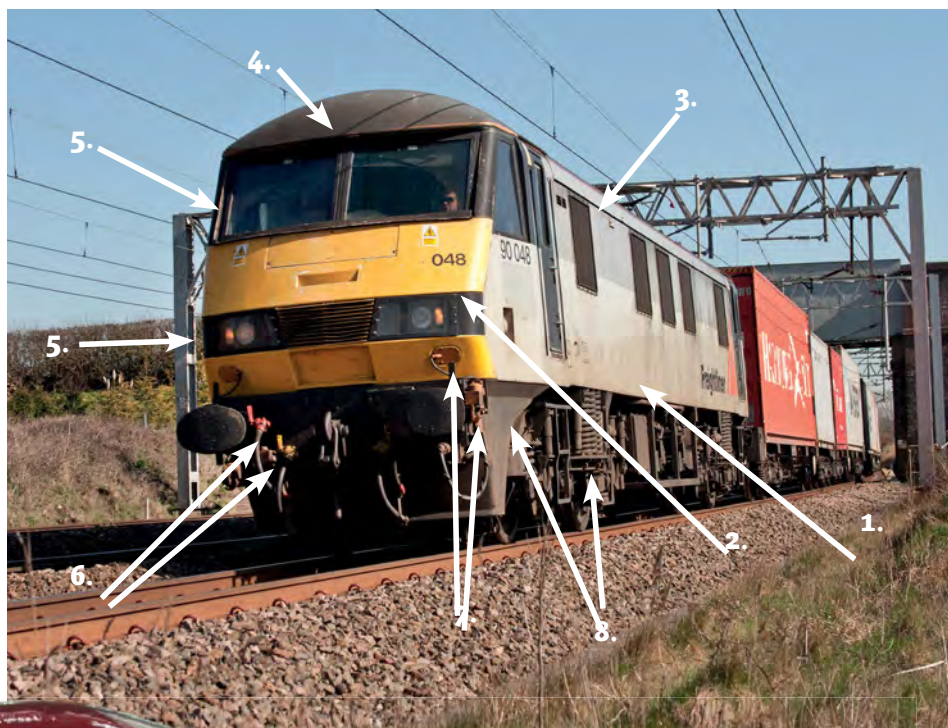
Masking tape is removed as soon as possible using tweezers to grip a leading edge and pulling back at a sharp angle.



The Class 67 body in this picture has the following features:

- A:** Orange cantrail stripe applied with a bow pen.
- B:** The radiator area is the same colour as the grey undercoat, masked off throughout the painting of the model.
- C:** Detail painting includes the running light housings.
- D:** Window frames are coloured with a fine line marker pen.
- E:** Side grilles are sprayed rather than brush painted.
- F:** Waterslide transfers are applied to gloss paint.





**To paint a model of 90 048, paint colours would be applied in the following order:**

- 1.** Rail grey sprayed over the whole model as a base coat for the rest of the livery and for the lower body side colour.
- 2.** Warning panel yellow sprayed over rail grey after careful masking.
- 3.** Flint grey applied with an airbrush.
- 4.** Dark grey roof applied with an airbrush, completing the primary painting stage.
- 5.** Black to windows, doors and other details applied with a No.2 paintbrush. Transfers follow this stage, sealed in with varnish.
- 6.** Detail painting including bufferbeam detail. Light colours are applied over grey general purpose primer.
- 7.** Orange to ETH equipment – applied over grey general purpose primer using a No. 1 brush.
- 8.** Underframes sprayed black and weathered by spraying, dusting and some washes of diluted paint. The body would be weathered at this point of the project too.

**Left** A popular livery is the old Railfreight sector scheme which consists of three shades of grey as applied to the full size 90 048. Carefully plan the painting process of a model so to achieve a result that looks as good as the full size locomotive.



**12** Each element of a livery is applied in a certain order starting with undercoat, the lightest colour first and working progressively to the darkest. Detail painting is completed after the primary paint application work is completed including any lining.

MODEL RAILWAYS LIVE

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## 9 FINISH WITH A VARNISH

Finishing varnishes can make or break a model. This is the point at which the final protective coat is applied to the model to seal transfers and painted details. Get it wrong and a lot of valuable time is lost. Matt varnishes kill the shine completely and are ideal for rolling stock that is to be weathered and distressed. Apply in a single thin coat, do not over-thin and avoid flooding the model. Use as little as you can because over-application will cause the matting agent to collect in detail and shows itself as a white stain on the paint surface. This can be an ideal technique for sun bleaching effects, but might be considered unsightly for most projects.

Satin is preferred for locomotives and coaching stock in good condition. The same application rules apply to avoid runs and varnish collecting in detail. Be sure to thoroughly mix varnish before using so the matting agent is completely distributed throughout. Failure to do so will result in a gloss finish to the model or an uneven appearance to the finish. Avoid using fast drying thinners with enamel varnishes – it needs time to hit the model before drying.

## 10 PAINT BY PEN

Small details can be painted with paint pens or coloured with permanent markers. Window frames can be painted silver very neatly indeed in this manner, with the help of a steel ruler. Black lines are easy to do with a marker pen. Nameplates are easily re-coloured with marker pens too, provided the ink is permanent. Detail colouring should be completed before applying varnish and transfers whenever possible.





**LAYOUT** FOCUS

# NEW BRYFORD

## TAKE 2





00  
GAUGE

## FACT FILE

- LAYOUT NAME New Bryford
- SCALE/GAUGE 1:76 scale, 16.5mm gauge OO
- SIZE 16' X 8'
- ERA 2010s
- CONTROL DCC (Lenz 100)
- LAYOUT TYPE Portable exhibition layout
- PHOTOGRAPHY Andy York

CrossCountry 170 102 stands next to Network Rail's 950 001 as 60 074 *Teenage Spirit* rolls by on an empty ballast train bound for Crewe Basford Hall.



It might be 25 years old, but **Mick Bryan** and **Spike Taylor's** layout is famous for its contemporary urban buildings and superb fleet of 21st century locomotives and rolling stock. ➡





**2**

EWS 66 044 has backed into at the freight terminal with a train load of steel from Immingham Docks for onward road transport.

**As with all my other layouts it is set in the north-west of England, if only for the fact that this was on my doorstep and I could simply go out and photograph the prototype - no need to look in books!**



The busy station forecourt. Local police are taking an interest in some poor parking. The Premier Inn hotel is modelled upon one in Manchester city centre.



The 'Orange Army' at work, busy packing up after an overnight maintenance possession. Extra interest has been created by cutting out the van doors and re-fitting in an opened position.

**N**ot many exhibition layouts can claim to have been going for 25 years, been sold and bought back by their builder, and still manage to keep up with the constant changes of the modern railway. But that's just part of the 'New Bryford' story.

I have been playing with model trains since about the age of six. I had a Tri-ang TT layout that had been built for my eldest brother by my father. Although I detoured into Airfix kits for a few years, I eventually began to buy body kits from the likes of GEM and BEC to mount on Tri-ang chassis. I had even started to build a TT layout based upon the 'branch line terminus' formula when I was distracted into OO gauge in 1980.

A friend asked me to help him build a layout based on Horrocksford Junction near Clitheroe, where he was a signalman at the time. 'Stefford Junction' was a continuous run with six roads each way and three bi-directional lines so we could run trains to and from a cement works.

But I couldn't just build the layout, I also had to have some stock to run on it. I started with a Hornby Class 25 and a few Railfreight wagons; my OO gauge collection has come a long way since then!

A couple of years later and I wanted to build my own exhibition layout and 'Bryford Road' was born. It was a small urban station with freight sidings and four road storage yards at either end. Capable of being moved around in a Ford Cortina Mk.V, it was displayed

at a number of exhibitions across north-west England.

By now, my modelling skills had moved on from just repainting and renumbering to adding more detail, such as brake pipes and replacing moulded plastic handrails with wire. It was about this time that the likes of Craftsman Models and South Eastern Flushglaze started coming to the aid of modellers and diesel modelling was beginning to emerge into the mainstream.

Next up was 'Moore', built in conjunction with Steve Moore; a fictitious terminus near Warrington with freight trains running to a transhipment wharf on the Manchester Ship Canal. As with the previous layout, there was a progression in stock, with Cambrian Kits' wagons and yet more detailing, hacking and repainting. One of the featured trains was a steam special that we 'advertised' when it would run at an exhibition. It was quite surprising that a crowd would build up to observe the shunting moves with a steam locomotive and Class 25 ETHEL heating unit!

About 1990, I started to think about making 'Bryford Road' into a continuous run by adding dumb-bell loops at each end and storage loops behind the scenic sections. I soon realised that the turning circles would be quite large and it made more sense to build a new layout; 'New Bryford' was born.

It was designed from the outset for exhibition purposes and the main criterion was where it could be stored, not where it could be built and operated. My loft was available for storage and the largest end





Colas Railfreight is taking delivery of a small fleet of Class 70s from General Electric. Not yet available in RTR form, this one was resprayed by Mick Bryan and worked its first trains around the same time as the full-size prototype!



boards were sized to fit through the loft hatch door. As I wanted the layout to be manageable, I settled on three scenic boards, each 4' in length, as these could be assembled as required to work on them. To maximise the visible running length of the scenic section, I modelled a 'half station', with just the platform ends visible.

As with all my other OO gauge projects, it was set in the north-west of England, if only for the fact that this was on my doorstep and I could simply go out and photograph the prototype – no need to look in books!

A lot of thought was put into the trackplan, as I wanted to make it interesting to operate as well as easy with the continuous run. Many hours were spent with sketches on the back of wallpaper off-cuts and playing trains with a few items of stock.

Over the next few years, 'NB' as it came to be known, was mostly exhibited across the north of England, with the odd foray to points south, west and east.

'NB' never stayed still, apart from keeping up to date with changes in the rolling stock, the largest addition was the doubling of the storage capacity as more and more stock was acquired. This also improved the operational aspect of the layout. A couple of points were added later to make the original bay platform into a through road.

There were also scenic changes as a couple of buildings were demolished to make room for redevelopment - much like real life.

The rolling stock quickly progressed in quality and detail. I would build and my fellow modeller Steve Moore would do the painting and over time, 'NB' built a reputation for having what we considered to be the best collection of preserved main line approved steam locomotives in model form. Most were assembled from DJH kits with the relevant modifications for the time, such as the extended water tank on the rear of the tender on No. 71000 Duke of Gloucester.

By the late 1990s, family life started to take over

## KEY DETAILS

### URBAN BUILDINGS



Larger structures are 3mm MDF clad with styrene sheet from Evergreen, Wills and Slater's ranges. The concrete road bridge and multi-storey car park are primarily constructed from 5mm foamboard. Inspiration for the buildings and structures comes from simply observing the modern world around us – no need to trawl through books for reference photographs. Even the signage on the buildings is easy to represent thanks to the internet, image manipulation software and a home printer.







LEFT: Local youths enjoying a beverage on the disused railway bridge. These are Monty's Models items. The sportswear logo was handpainted. ABOVE: A close-up of the loading bay. More work in progress needing detailing to complete.



DB Schenker red 66 101 is en route to Clitheroe Cement works, whilst Northern's 150 276 heads under the flyover bound for Manchester.



Although 'New Bryford' is fictionally located north of Manchester, it occasionally sees a CrossCountry interloper - if only for the fact that we like the livery. Network Rail's 950 001 in the adjacent platform was purpose built as a test train, based on a Class 150 unit. The working colour lights are a mixture of Knightwing heads with 3mm light emitting diodes, Eckon call-on signals, scratchbuilt posts and platforms.

and it was becoming difficult to find time to model and exhibit and the decision was taken to sell 'NB'. As it departed for pastures new across the Pennines, I thought that would be the last I would see of it.

## STARTING AGAIN

As my daughter began to grow up, I eventually found time to start modelling again and embarked upon 'Tontine Street Goods', a small shunting layout that was built for the Diesel & Electric Modellers United (DEMU) challenge in 2002.

'TSG' was built as a club project for Blackburn & East Lancs Model Railway Society that I had recently joined. By now I had progressed to building etched locomotive kits and acquired a collection of the excellent Judith Edge products to accompany a growing collection of Parkside and other wagon kits. Although the time period for this layout was a step back into the 1960s, I still had a hankering to continue to model the contemporary scene.

In the early-2000s, there was a noticeable step change in the quality (and quantity) of ready-to-run diesel prototypes, such as the Bachmann Class 66 and Class 220/221 'Voyager' models. It was also about this time, that I made the acquaintance of Peter 'Spike' Taylor who had recently re-joined the Blackburn club.

Between us and a couple of other club members, we designed and built 'Blackmill' as a layout for the exhibition circuit. Thanks to Nick Gurney and his 'Dyserth Road' layout, a major change in the direction of my modelling was to incorporate Digital Command Control (DCC). As 'Blackmill' was a new layout with new stock, it was relatively easy to incorporate DCC from the start. Decoders could easily be added one at a time, as stock was acquired. Within 12 months, we had also moved onto DCC sound after listening to one of Nick's Class 37s.

'Blackmill' was exhibited from Cornwall to Scotland,





but about four years ago thoughts were turning towards another exhibition layout to be built either as a club or private project to fill the potential gap when 'Blackmill' was retired.

### BACK HOME

I was starting to plan a layout for myself – using 'New Bryford' as the initial design idea – when an opportunity to buy it back suddenly presented itself. Within two weeks, 'NB' was back on the western side of the Pennines, but now in joint ownership with Spike. So, rather than spending a couple of years building an

all-new layout, we now had a headstart.

Over the next few months, we decided to convert it to DCC, refurbished and rebuilt the scenic sections and added a deeper and higher backscene, incorporating a large warehouse and shopping centre. Also to be added into the new section was an apartment block and multi-storey car park adjoining the shopping centre.

The central roadbridge across the layout was retained as a feature, but extended to fit the deeper scenic section. The once disused line, that had spent some time as a Manchester Metrolink tram route, was returned to a disused state.

We always seem to think that we have many months to carry out our various works but with only about eight weeks before our first outing in rebuilt form, we realised that we had better 'pull our finger out' and start work. Almost every spare hour was spent at the clubrooms or in home workshops to complete the project.

Most of the scenic and building structure work was carried out by Spike, with my primary tasks being to check all the track and wiring and convert the layout to DCC operation.



Direct Rail Services' heritage traction fleet is regularly used in pairs on nuclear flask duty. 37 423 *Spirit of the Lakes* is partnered by 37 601 *Class 37 - Fifty* on a working to Crewe Coal Yard for onward transfer to a nuclear power station in the south. Meanwhile, the CrossCountry HST, although slightly off the beaten track, appears because one of the regular operating team drives them for a living!

➔

## KEY DETAILS

### CONVERTING AN EXISTING LAYOUT TO DCC

The layout electrics were reasonably easy to convert to DCC, as I had designed and fitted the original sectioned system and knew my way around what had to be done. We retained the conventional push button and diode route setting for the Peco motor-operated points, as well as manually switched signals. The layout had originally been sectioned for use with two analogue controllers and within the control panel, I simply linked all the sections with a common wire and then applied the two wires of the DCC onto the now common terminal rail. All the section switches were removed from the control panel fascia.



## OWNER FACTFILE



Mick Bryan, 52. Modelling since I was six. I trained as an electrical engineer, moving onto designing and commissioning

control systems for chemical production plant. Made redundant in 2002, I re-trained as a driving instructor, which is quite handy as my self-employed status means I can schedule work around exhibitions – although I do have to catch up the week after! My main interest is 'cut and shut' modelling, particularly Network Rail yellow test trains



Peter 'Spike' Taylor, 38. Started railway modelling in my teenage years and remember seeing New Bryford at the local exhibition in 1999!

Trained as a bicycle mechanic and worked for the British Olympic teams. I now run my own bicycle manufacturing business. Observational modelling is a particular area of interest, especially buildings.

We are both members of Blackburn & East Lancashire Model Railway Society and thanks must go to them for allowing us space to work on New Bryford within the clubrooms. We are also fortunate in that we can call upon the expertise of other club members, some of whom are involved in the stunning Liverpool Lime Street project. The club meets every week at its large clubrooms near Accrington and is always looking out for new members. The club currently has eight layouts in various scales and gauges and will hold its 50th exhibition in 2015, more details can be found at: [www.belmrs.org](http://www.belmrs.org)



**New Bryford Ring Road:** I even checked that A6111 isn't in use as a real road number! The gantry is constructed from Evergreen plastic section and modelled on those on the Mancunian Way in Manchester. I used Google Street view to obtain pictures of it, including the underside!



The large warehouse has a two-part history. The lower railway-side section and loading bay is the only building to survive the rebuild. It was built from Pikestuff sheeting and 'Anglicised' by raising it up with a lower section of Wills brick moulding. The high section is 3mm MDF with Evergreen cladding. The truck (a local haulage company) screens most of the joint between the original layout and the new deeper backscene.



BR blue 31 106 pushes a Longsight-Longsight circular Network Rail track recording train. The old style speed limit sign is soon due for replacement with a modern round type.

**Regular maintenance and repair is always ongoing, but apart from the odd point motor failure, 'NB' has stood the test of time well.**

### BUILT TO LAST

Even though the original baseboard construction used a variety of techniques, I was confident that there wouldn't be any major woodwork issues over the years. The front scenic and original storage yards are softwood frames with Sundeala tops, well braced to minimise any movement. The corner boards are softwood frames with good old-fashioned chipboard tops. Quite heavy, but strong!

The storage yard extension was my first foray into plywood construction and consequently very light when compared to the other boards. The new extra backscene extension is also a plywood construction, although the weight saving is offset by the use of MDF for the new buildings and structures.

The original sections are nearly 25 years old and some of the curved rail joints across baseboards have been showing their age over the last couple of exhibitions and have been replaced. The original joints were the rails themselves, soldered to copper coated nails, but over the years these have been bent or broken. More substantial fixings using larger pieces of copper clad printed circuit board, screwed and glued to the baseboards, with the rails soldered to them, have taken their place – hopefully these will last another 25 years!

Much of the rolling stock was previously used on 'Blackmill', but the continuous run of 'NB' means that we can set up a few different formations that would be difficult to operate on 'Blackmill's' terminal fiddle yards, such as a nuclear flask train with four DRS locomotives (on transfer from Carlisle Kingmoor to Crewe) and Network Rail test trains that have a dead, but free-running, locomotive on the rear.

'New Bryford' has a number of short storage loops, but there are five loops that can accommodate larger trains, such as a 15 wagon rake of HTA bogie coal hoppers.

There is still some more scenic work to be done, especially the interior of the station concourse building. And as ever, rolling stock additions and alterations march on; the latest being one of the new Colas Class 70s, the prototype of which was delivered from the USA earlier this year.

Regular maintenance and repair is always ongoing, but apart from the odd point motor failure the layout has stood the test of time well. 'NB' made it's second coming onto the exhibition circuit in late-2011 and is still a 'work in progress' – after all, how many layouts are ever truly finished? **BRM**

## SEE 'NEW BRYFORD' AT DEMU SHOWCASE

'New Bryford' is due to appear at the Diesel & Electric Modellers United Showcase event at Burton-on-Trent Town Hall on **May 31st/June 1st 2014.** More information at [www.demu.org.uk](http://www.demu.org.uk)

## SEE MORE ON

**RMweb**

Some of the rebuild work, including photographs of the work as it took place, is documented on RMweb forum: <http://www.rmweb.co.uk/community/index.php?/topic/40199-new-bryford/>

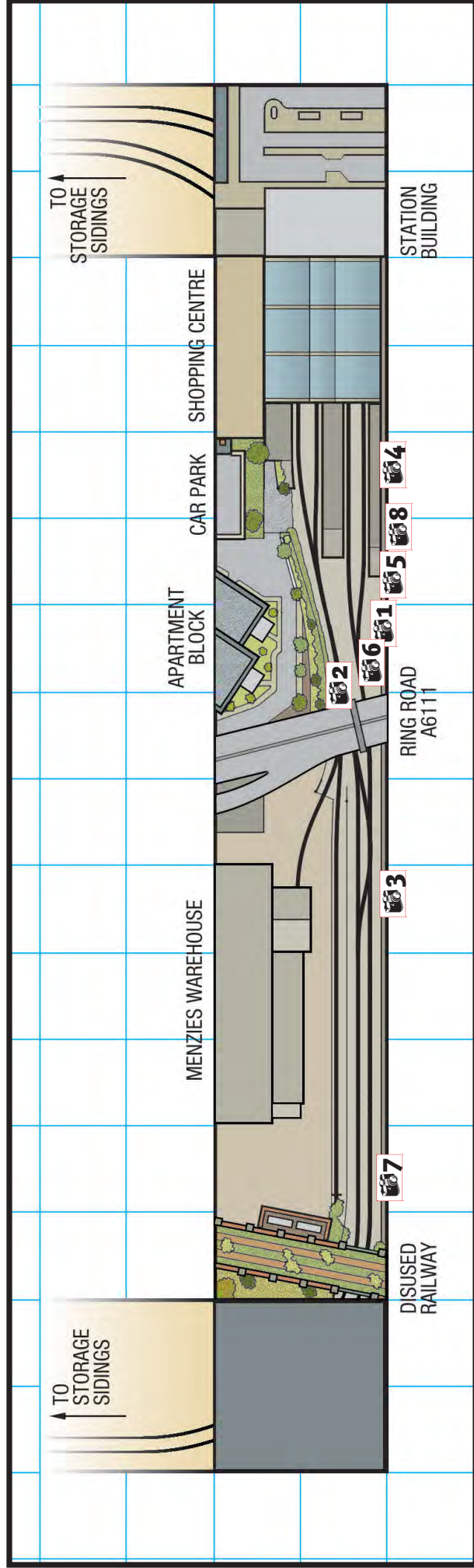


Appropriately for the north-west, Northern Rail livery features on most of the multiple unit fleet. The Class 144 has managed to escape its usual Yorkshire haunts for a rare run to Blackpool.





# LAYOUT FOCUS NEW BRYFORD TAKE 2





# SAVE THE DATE



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# FEN DROVE



Closed in 1959, the Midland & Great Northern Joint line across the fens of Lincolnshire and Norfolk remains a popular subject for modellers. John Hobden explains what inspired him to model it in 7mm scale.



## FACT FILE

- **LAYOUT NAME** Fen Drove
- **SCALE/GAUGE** 1:43.5 scale, 32mm gauge O
- **SIZE** Scenic boards 12' x 3' (at widest point)
- **ERA** 1950-59
- **CONTROL** 12V DC two-rail
- **LAYOUT TYPE** Portable exhibition layout
- **PHOTOGRAPHY** Paul Bason



Joint effort: Ivatt 4MT 2-6-0 No. 43150, a typical M&GN workhorse of the 1950s, is an LMS design, the signals and signalbox are pure Midland and the coaches are a development of original Gresley designs for the Great Northern.





Locomotives of Great Eastern Railway origin could be seen on M&GN metals between 1936 and closure in 1959. This ancient E4 2-4-0 is arriving from Spalding with a morning passenger service for Wisbech.

**The Fens can be very bleak in winter and it even crossed my mind to create this scene entirely in black and white, but I soon realised that this would be much harder than using muted shades**

**S**ometimes one reason to build a layout is not enough. Physical difficulties such as a lack of space get in the way or financial limitations prevent that fantastic idea to build a whole main line. 'Fen Drove' came about when four ideas combined to make a strong enough case to overcome the objections.

Having built my 'Norfolk Joint Railway' layout I was pleased with its situation in my loft. However, the loft had another wing with space in which to extend the railway and that niggled me. I sketched out how the railway might rise up to get over the purlins in the roof but that was as far as it went. I had my first reason to build the railway.

The second was a vague notion to build a railway set in winter, inspired by the work of George and Doris Stokes in the 1960s. Thirdly came a desire to build a line based on the Wissington Light Railway, which could be seen from my loft. Lastly, I thought it would be nice if the new railway could be taken out to go to exhibitions.

All these ideas kept rearing their rather beautiful heads until I hit upon a way to get over the problem of rising from the existing line to get over the roof timbers. Fifteen years previously I had laid

the beginnings of a light railway from one of the stations heading into the dark roof void and found just enough clearance to get through. It was only when I decided to ask if this could be crossed on the level that the whole idea became worthy of further investigation. Measurements were taken and plans drawn and the decision taken to start work.

I then did something which I have regretted ever since. Instead of taking up the existing track leading to what was effectively a long siding, I decided to construct this crossing on the level in situ, between roof timbers and in a curved section of track where all the work would have to be done by contorting myself around the timbers.

I also took the opportunity to use this crossing to provide access to new fiddle yard sidings behind the backscene. To my amazement trains could be backed over the straight section into these sidings even though the noisy clicks suggested they were about to derail.

So now we have a blank canvas onto which to paint the new Fenland railway. The Fens can be very bleak in winter and it even crossed my mind to create this scene entirely in black and white, but I soon realised this would be much harder than using muted shades of the real colours. Due to the

way the line enters this portion of the loft the main removable section was to be on a curve. I used Peco track as I rather liked the look of its curved point which enabled a smooth entry to the station and influenced the rest of the trackplan.

The pace of life in the Fens is slow most of the time but at certain times of the year the collective labours of the local farmers come together with the harvest of crops, all of which have to be transported to cities and factories. This led to busy scenes at some stations and still gives rise to endless processions of lorries carrying sugar beet, lettuces, carrots and celery destined for factories and supermarkets.

Fen Drove is set sometime between 1900 and 1959, when the M&GN closed. The railway infrastructure changed little during this period but my main theme is a slightly run-down 1950s scene.

## HOW WAS IT DONE?

Most of the layout was constructed along conventional lines, so I will concentrate on some of the unusual techniques I used to solve problems and on the things which visitors and exhibition goers comment on.

Baseboards have conventional timber framing



with full depth members directly beneath the trackbed wherever possible. Previous experience has taught me that surface can sag in the middle and create problems at baseboard joints (see panel).

The front of the baseboard is constructed of 75mm x 19mm softwood which forms the base of the water section. Naturally the features which characterise a Fenland location had to be included on the model. The waterway along the front of the layout had been a part of the plan for the layout from the start. The embankment between the water and the track is formed of ply strips smoothed over with Artex.

Water rules the Fens. Their very existence and the unique landscapes they present have come about through man's attempts to manage the huge



At one time Fen Drove had two feeder lines, one standard gauge still in use in the 1950s, and a narrow gauge agricultural line. Especially for the photographer, one of the old wagons has been brought out of storage and Jabez Osler has brought his cart horse down to pose with it.

## KEY DETAILS

### ROLLING STOCK

A Fenland goods yard would feature a mix of open wagons for sugar beet and covered vans for fruit, vegetables and potatoes. These traffics were still very important in the 1950s when the main scene is set. Slater's, Parkside Dundas and Freightman provided a selection of suitable vans but the key to authenticity in the period selected was weathering. Nobody seemed to care about image as long as the vans were available so they inevitably became dirty and stayed that way.

Passenger rolling stock on such secondary lines as the Spalding and Wisbech line of the M&GN is usually relegated main line corridor stock (supplied by D&S Kits), again mostly looking the worse for wear. Ex-LNER and ex-GER coaching stock predominates. Likewise locomotives were of the secondary sort but yet they achieved some remarkable performances when called upon.

For the M&GN in the 1950s, the ex-LMS Ivatt 4MT 2-6-0, also known as a 'Flying Pig', is the signature locomotive type, but I've also included a couple of former Great Eastern designs that worked out their final days in the backwaters of East Anglia; an 'E4' 2-4-0, 'F5' 2-4-2T and a 'B12' 4-6-0.

## TOP TIP

If you have suffered from this problem, there is a solution. Take a piece of timber, say 75mm x 25mm in O gauge or 50mm x 25mm for smaller scales and just a little shorter than the length of baseboard which has sagged. Carefully plane off the top at each end so that the top assumes a curved shape. I call this a 'banana' piece. Place beneath the

## SAGGING BOARDS

baseboard and screw through the baseboard firmly into the centre section. Next, drill through and start to screw through the baseboard at each end into the curved ends. Keep tightening the screws until the new piece forces the top of the board into the flat shape you require. The new screw holes can be concealed with ballast or scenic material.



This scene suggests that the Great Eastern has completely taken over the M&GN. An F5 2-4-2T is in charge of a train of former main line stock relegated to secondary use and carrying the drab brown livery of their twilight years.





## KEY DETAILS FENLAND BUILDINGS

'The Railway Inn' was a joy to build from styrene sheet and involved a lot of first hand research, especially into the interior! Figures by Omen and others with beer crates from Wargame Diorama Suppliers complete the scene.

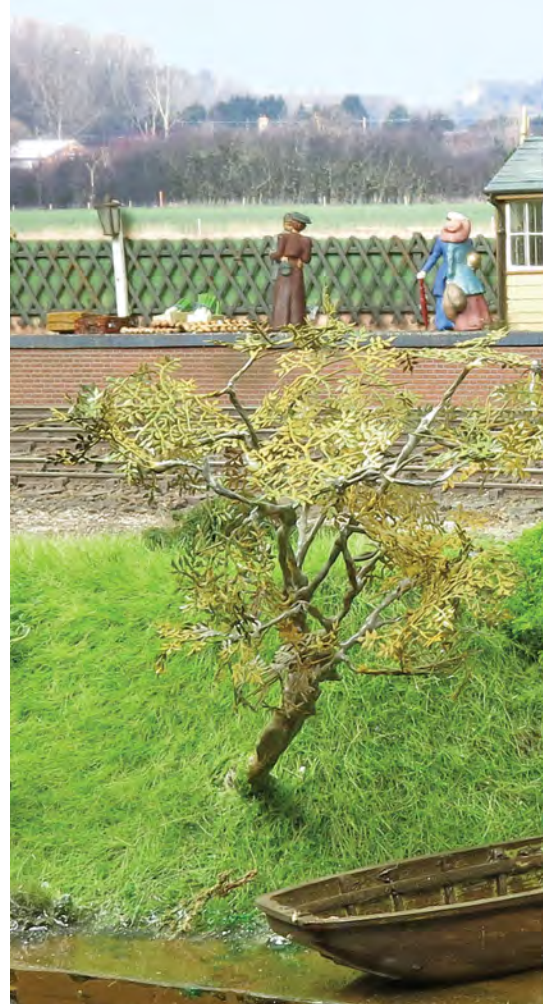
5



One enjoyable task was deciding which features of a typical Fenland railway should be included. A pumping station was an obvious choice, a station building based on one of the M&GN western section ones would be perfect, but I needed a couple of other buildings. Gladstone House, a typical Fenland villa, was easy to produce but a typical Fenland railway inn, now that would need some research.

The interior would need to be modelled so much time was spent inside such establishments to determine the features to be included.

A whole day was spent travelling across the Fens without sampling the wares of such establishments while looking for a suitable example to model. Finally, having failed to find a typical example during this November day of research I went into Spalding to witness the only sunshine of the day illuminate the 'Pied Calf' near Spalding's ex-Great Northern Railway station. 'That will do' I said, and took the most basic of measurements before returning home to start drawing.



7



Surprisingly, railways were easier to build on the Fens than roads. This led to a number of feeder lines, some narrow gauge, being built to bring produce from the fields to the main lines. The Fen Drove Farmers Co. line was a standard gauge example. No. 2 *Conundrum*, a Hudswell, Clarke 0-6-0ST of the same design as the preserved *Wissington*, shunts vans in the yard.





The E4 trundles in with the afternoon train from Wisbech probably bringing home pupils from the local secondary school.

## I experimented with various methods for including fish and I'm not sure which, if any, was the most successful.

quantities of water which flow from the Midlands towards The Wash. Before the Romans arrived in East Anglia The Wash extended much further inland and many thousands of acres were subjected to periodic and seasonal flooding by a mixture of salt and fresh water.

The Romans cut river channels to speed the exit of the waters from the many slow flowing rivers across the district and built banks to stem the flow of the highest tides. These works succeeded in establishing fairly reliable summer grazing and a few higher areas where crops could be grown.

But in winter huge tracts of the district were regularly flooded and it was not until the 17th century that landowners engaged a Dutch engineer, Cornelius Vermuyden, to embark on a comprehensive system of drainage channels which would remove surplus water from the district and make the land useable. His work left a legacy which can be seen to this day, in the form of long straight channels leading to pumping engines which raise the water into the main rivers whose channels carry water out to sea. These drainage improvements enabled the growing of crops on land otherwise only

suitable for grazing but it was not until the Second World War that the full potential of this land was realised.

Fen Drove is located beside the Fen Drove Main Drain which runs parallel to the railway beside the goods yard. At the east end of the station lies the Fen Drove Engine, a Victorian pumping house originally containing a steam engine, replaced in 1956 by a diesel pumping engine and in 1986 by the latest electric technology. This pumps water from the main drain into an ancient river called Lady Nuns Old Eau (look on Ordnance Survey maps and you will see it west of Newton in the Isle near Wisbech)

For the water itself I used a product known as 'Magic Water' made in the USA. This is a two-part resin system which results in a very realistic representation of water at any depth. I used this so that I could incorporate plants and fish into the scene. Once mixed, the product flows into any shape you create for it, although it will leak out if not sufficiently 'dammed' in the areas required.

I experimented with different methods for including fish and I'm not sure which, if any, was

the most successful. I tried carving them from solder wire and adding fins from aluminium foil. I also printed pictures of real fish onto transparent clear labels and stuck them to the bottom of the channel. These looked good until the resin blurred their features.

### COMPLETING THE SCENE

The idea of a winter scene was a good one and an unusual choice but I hadn't really thought through the practicalities of it. Foliage colours in the winter are generally more drab and certainly more subtle than those of spring and summer. Scenic materials suppliers such as Noch, Heki and Greenscene are more geared up to the brighter colours of the main growing seasons but they do provide a limited range of suitable autumn colours. While there are probably ten different summer colours there are only about three autumn ones so blending and matching became quite difficult.

Jacqui at Ceynix provided me with the signature tree of the Fens, the Lombardy Poplar and coloured it according to a photograph I sent her. Some of my other attempts at autumn colours just looked too





8

A B12 4-6-0 is an unusual visitor. On the main M&GN line they hauled Yarmouth-Leicester expresses and were popular with their drivers, though their firemen found the long fireboxes a challenge.



The Midland Railway supplied signalling equipment to much of the M&GN, particularly the western section. Fen Drove 'box' is still painted in the M&GN colour scheme of tan and stone.

brush. I also worked long and hard to produce a willow tree by the twisted wire method. As this was in the foreground I used etched leaf frets from 4D Modelshop in London (near Tower Gateway station). These were soldered to twisted wire branches and look good but they are vulnerable to damage.

The basic grass on the embankments came from Green Scene and others, applied using its static grass machine after first applying a base coat of dyed sawdust. Green Scene's extra long fibres add depth to these rough grass areas. Weeds were added in the form of minced Woodland Scenics' foam plus leaves in the form of birch bracts from the Little Leaf Company.

I find the best ballast to be the heavier varieties from Slater's and Modeller's Mate, fixed in the usual way by spraying with water and dropping with dilute PVA glue. Road surfaces are a mixture of fine sand from the little deltas where it is washed off fields after heavy rain and a product called 'Chinchilla dust' from a local pet shop. I don't know what this is made of but my guess is a fine powdered limestone.

Every shop in the world is a potential source of modelmaking materials and I particularly enjoyed going into Claire's Accessories and asking for nail jewels. I came out with lenses for locomotive headlamps and brake van tail lamps. Dolls' house suppliers can be a rich source of materials too. Their devotees are basically doing the same as we are – creating miniature worlds. Spring onions in 1:24 scale are easily converted to O scale leeks, a speciality of the Fens.



## KEY DETAILS A CLOSER LOOK



Four passengers waiting for one train is probably a record for Fen Drove. These lovely cast figures re-create a scene from years gone by. The building looking like a small signalbox was a tariff shed, where small consignments were weighed, labelled and priced.



It's a lonely life on a remote Fen farm so when farmers bring their produce to the station yard for loading onto the trains it is a chance to catch up on local gossip. The ubiquitous 'Fergie 35' had largely replaced horses in the Fen by the 1950s.



LEFT: The single line sections of the M&GN used Whitaker tablet catching apparatus to allow token exchanges at speed. One of these had to be included on the model and of course had to be fabricated from scratch. The typical M&GN criss-cross fencing was produced from an etch made from one of the author's CAD drawings.



RIGHT: Everyone in the Fens owned a bike in the 1950s and small quantities of produce such as the string of onions seen here would be carried around on the handlebars, rather like the 'Johnny Onions' sellers who would come over from France.

**Every shop in the world is a potential source of modelmaking materials and I particularly enjoyed going into Claire's Accessories and asking for nail jewels.**

With the big skies of the Fens in mind, backscenes were going to be crucial and I did consider painting them in acrylics as I had done for the earlier railway. However, the matter of subtle colours reared its ugly head again so I decided on using a photographic backscene. I travelled the Fens looking for suitable scenes but finally decided on one near West Dereham within sight of the Wissington Light Railway.

The technique requires a series of photographs taken in line and the use of panorama software to merge them together. A long print can then be made by your local copy centre and pasted onto white faced hardboard.

Roughen the hardboard first then paste the print with a mix of wallpaper paste and leave to soak a few minutes before carefully applying to the hardboard.

### OPERATING

The layout needed to be capable of being operated from the front when at home and my first thought was to do the same at exhibitions. In practice it worked out best to have one operator at the front and one behind. Hand-held controllers proved useful as they could be used from any position. If I was starting again there would be no question of using anything but DCC or even radio control, but this section of line had to be compatible with my main layout and locomotives, some of which are over 30 years old.

Point control is achieved from the front of the layout by via electrical switches sunk into the baseboard and attached to wires in tubes leading to the point tie-bars. The tubes are concealed beneath roadways. Each switch is hidden under a small bush so the operator only needs to move the bush. A similar system operates the signals but these can be

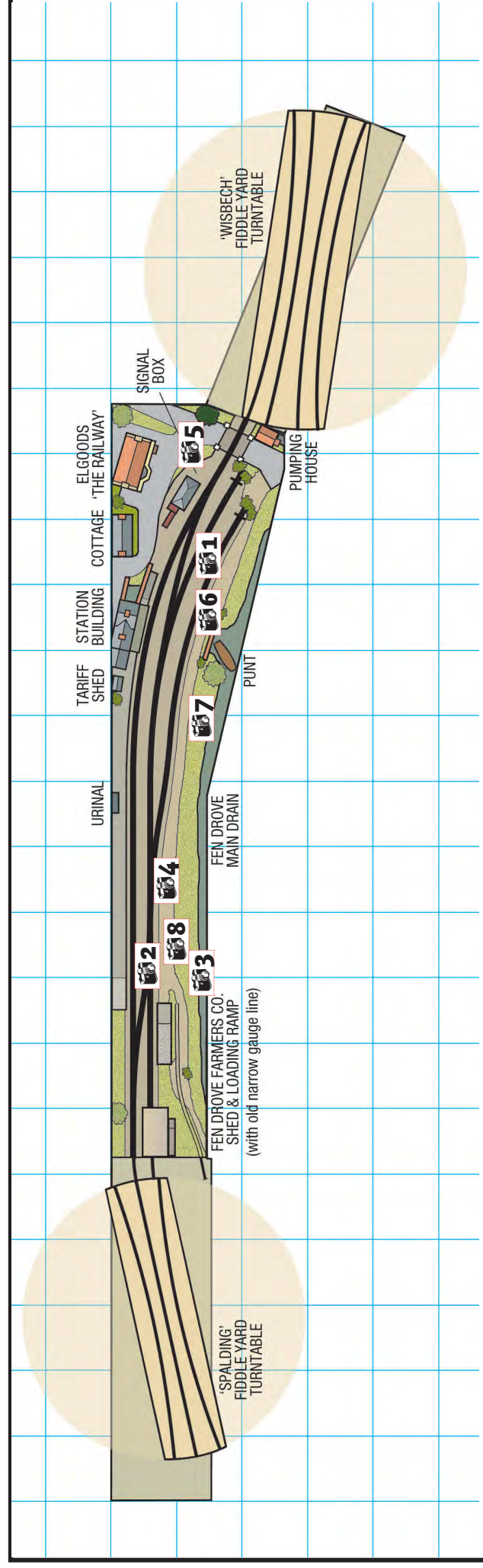
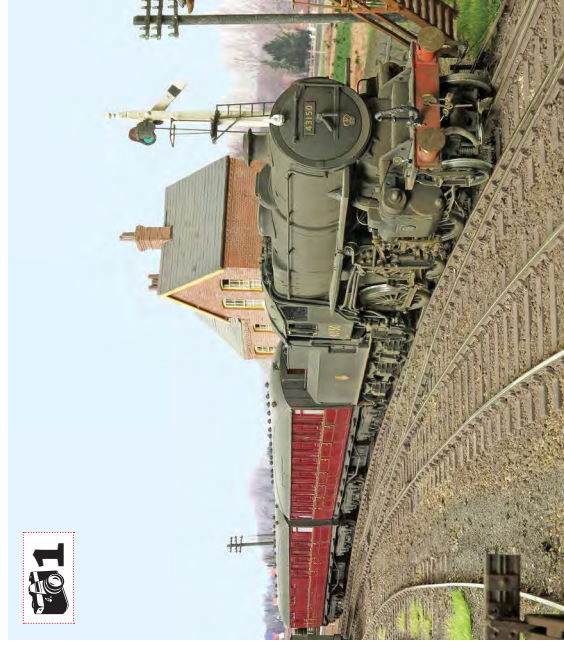
operated from both sides of the layout.

The frequency of trains at exhibitions is about ten times what would have been experienced on the prototype. The operator working at the rear runs passenger trains backwards and forwards to keep the station busy whilst the front operator shunts goods trains in the yard. When a goods is ready to depart the passenger sequence is interrupted to allow this and another freight arrives to replace the one which has departed.

One of the early principles for operating was that each end of the line would consist of a fiddle yard with a turntable so that complete trains could be kept marshalled.

Four good reasons proved to be more than enough for an evocative re-creation of the Fenland railway in the 1950s. I hope you enjoy it as much as I have! **BRM**







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**Richard Wilson** creates detailed market stalls by combining kits from several sources.

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**HOW TO DETAIL A...**

# MARKET STALL

We're using two products to give a flavour of what can be achieved – the Busch and Wills' market stalls kits, courtesy of OnTracks – the Busch set represents a more Continental style of display on benches but includes a range of suitable

**We're using two different products to give a flavour of what can be achieved - the Busch and Wills market stall kits**

fruit and vegetables, whereas the Wills kit only includes the basic stalls and a representation of the display. Two are provided (one for each stall) – a selection of fruit and a range of books. We won't be using the book version, but it gives you another option!



## WHAT YOU WILL NEED



■ Busch Market Stall kit (1070) ■ Wills Market Stall kit (SS37) ■ Woodland Scenics' Fruit (T47) ■ Lifecolor Weathered Wood acrylic paint set (LC CS-20) ■ Lifecolor Dark Wooden Stock ■ Railmatch New Timber and Weathered

acrylic  
K solvent  
■ Thick  
erglue  
Coriander  
seeds



## MAKING THE STALLS & CRATES

**1**

### STALLS



Here's what we start with – the wooden stalls for the Wills kits and the benches from the Busch set. The Wills stalls go together very easily – the wheels have a small 'horseshoe' shaped recess on the back to allow correct positioning on the axle. The leading axle can be positioned at any angle. The Busch benches only need a bit of cleaning up!



### USEFUL WEBSITES

Wills kits and Busch kits  
[www.ontracks.co.uk](http://www.ontracks.co.uk)  
Lifecolor paints  
[www.airbrushes.com](http://www.airbrushes.com)  
Railmatch paints  
[www.howesmodels.co.uk](http://www.howesmodels.co.uk)  
Humbrol paints and brushes  
[www.humbrol.com](http://www.humbrol.com)



ONE WE  
MADE  
EARLIER



On this stall, the various fruit and vegetable items are picked out with appropriate colour paint and the canopy can then be added.

2



Using the 'cold wood' paints from the Lifecolor 'Weathered wood' set – we want a more 'aged' finish – but with the addition of a streaking of a little 'Dark Wooden Stock' we can build up a realistic weathered finish to both the stalls and the benches quite easily.

3



File off the scalloped edges of the Wills canopies – we don't really need the fairground sideshow look – and then paint with Humbrol Olive Drab acrylic, followed by a wash of Railmatch Weathered Black acrylic.

## CRATES

4



The wooden crates and packing cases are painted using one of the more recent releases from Railmatch, 'New Timber' acrylic.



Fill the crates, and plastic tubs with fruit – sourced from the useful Woodland Scenics' range.

MAKING  
THE  
**FRUIT  
& VEG**



# PRACTICAL BRM



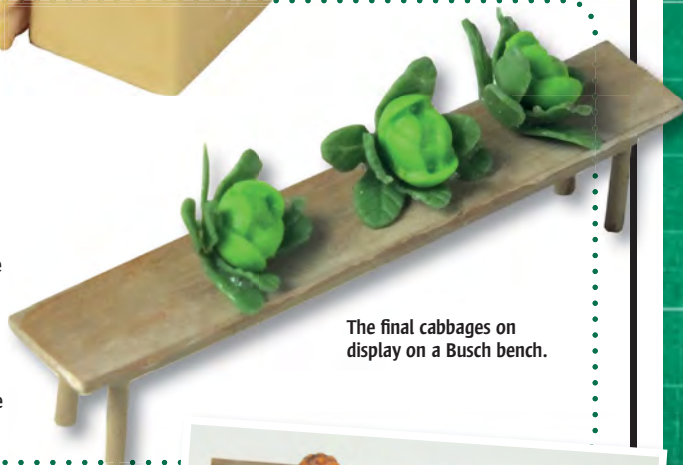
## MAKING THE FRUIT & VEG

### CABBAGES

Fill the remainder of the crates with fruit and vegetables from those supplied with the Busch kit – the mushrooms have been sprayed with Humbrol Dark Brown acrylic spray from a suitable distance to create a speckled effect.



**Above** The three parts that make up the cabbage and the final item – the leaf parts are of a fairly flexible plastic. **Left** When put together and glued with superglue, they create quite an impressive display – don't forget to cut the sprue off the back of the veg!



The final cabbages on display on a Busch bench.

### MELONS

The melons are produced using coriander seeds – a chance to raid the spice rack. These are painted using a suitable yellow acrylic – not too thick so some of the original colour can show through.



### PUMPKINS

The Busch pumpkins benefit with a wash of 'North European dust' acrylic from Lifecolour, followed by just a smidgen of Railmatch Weathered Black acrylic.



**Left** The fixed display from the Wills kit is also initially sprayed with the dark brown paint.

**Right** The finished stall with canopy.







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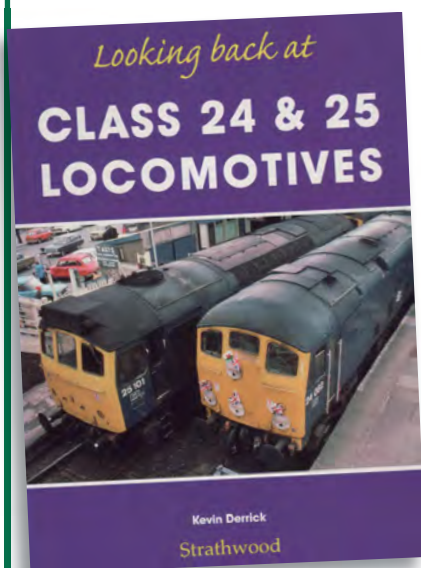
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## THIS MONTH'S STAR BOOK

### DERBY TYPE 2S IN COLOUR



**M**ore than 25 years since the last Class 25s were withdrawn, and almost 35 since BR retired its final Class 24, the Derby-built Sulzer Type 2s still have a strong following. Robust, versatile and dependable, they were quite literally seen everywhere from Penzance to the Far North of Scotland during their careers, working every type of train.

This new album from Strathwood should appeal to both 'Rat' fans and modellers wanting research material for detailing and repainting projects on 24s and 25s in all scales.

Bearing in mind that both classes only ever carried BR green or corporate blue, the number of variations, oddities and hybrid liveries they carried was remarkable. There's also good coverage of the many physical changes that

occurred, and the often *ad hoc* changes later.

This latest book is highly recommended.

#### FACT FILE

- ▶ **TITLE** Looking Back at Class 24 & 25 Locomotives
- ▶ **AUTHOR** Kevin Derrick
- ▶ **PUBLISHER** Strathwood, Tel: 01463 234004, Web: [www.strathwood.co.uk](http://www.strathwood.co.uk)
- ▶ **PRICE** £19.95
- ▶ **WORDS** Ben Jones

**STAR  
BOOK**

## WR HYDRAULIC TIMELINE

**D**espite, or perhaps because of, their short lives, there have been countless books published about the diesel-hydraulics.

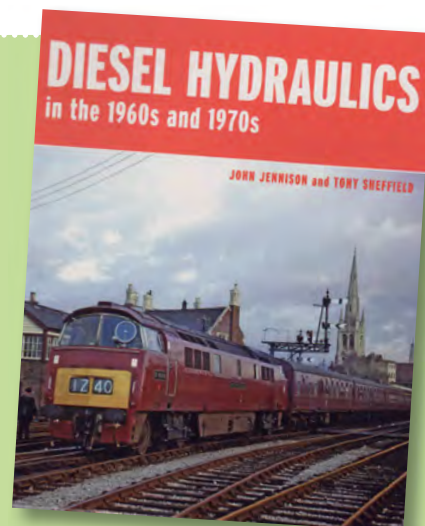
However, Ian Allan has found enough material for yet another colour album studying the seven classes of WR hydraulic, using many previously unpublished photographs.

Laid out in chronological order, the album takes us from shiny ex-works machines representing the new order of the late-1950s to the shabby state of the 1970s. There's a good spread of classes from the D9500 'Teddy Bears' to the Westerns and locations across the WR.

Image and reproduction quality varies; while there are some excellent views to inspire both

#### FACT FILE

- ▶ **TITLE** Diesel Hydraulics in the 1960s and 1970s
- ▶ **AUTHORS** John Jennison & Tony Sheffield
- ▶ **PUBLISHER** Ian Allan, ISBN 978 0 7110 3745 8
- ▶ **PRICE** £20.00
- ▶ **WORDS** Ben Jones



modeller and fan, there are also some fuzzy or blurry photos that might have been better left out. Extended captions are informative and lift the images beyond 'say what you see' descriptions.

If you're a fan you'll find plenty to enjoy but might not learn anything new. But if you're a modeller looking for ideas for your Dapol Class 22s or Westerns, Heljan 14s and Hymeks or Bachmann Warships, you're sure to find something here.

## LAND OF THE BLUE DIESELS

#### FACT FILE

- ▶ **TITLE** The Blue Diesel Era
- ▶ **AUTHOR** David Cable
- ▶ **PUBLISHER** Ian Allan, ISBN 978 0 7110 3746 5
- ▶ **PRICE** £20.00
- ▶ **WORDS** Ben Jones

**I**n the year that we mark the 50th anniversary of the launch of British Rail's new 'corporate image' of 1964, a new volume on the BR blue era seems well timed.

David Cable's new book is not a history of when BR blue was king, but rather a collection of the author's own photographs, supported by a small selection of images from others. As the title suggests, there are no electrics within these pages but the remit does stretch to InterCity 125s and even Nanking Blue Midland and Western Region Pullman DEMUs.

Few of the images have been published before, which is a bonus, but quality varies quite widely. There are some superb images scattered throughout, but the standard isn't consistent. When so many good photographers were active in this period, it's perhaps a shame that the publisher didn't seek to produce the 'ultimate' survey of the BR blue era with high-quality images of diesels, electric, multiple units and coaching stock.

That said, fans of the BR blue era will find plenty of interest, whether it's a Class 17 on a trip freight at Motherwell, a large logo Class 47 embellished for the 1981 Royal Wedding or a stunning panned shot of a brand-new HST at speed

on the GWR main line. There's also a representative spread of DMU classes and some Southern DEMUs that you might have forgotten. Modellers will arguably gain more inspiration from the trains behind the diesels and the surrounding infrastructure.

In one sense, it 'does what it says on the tin', but it's perhaps a missed opportunity to celebrate this important period of British railway history.





# NEWS

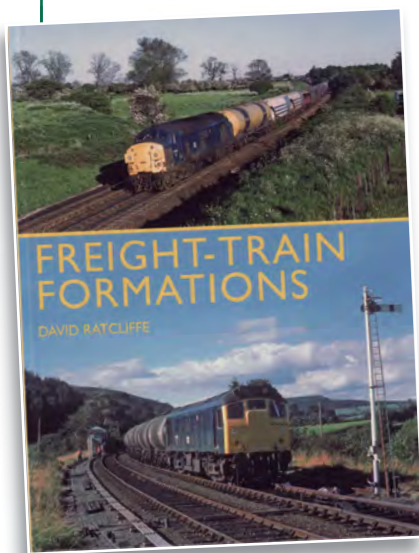
A selection of recent titles to interest railway modellers & enthusiasts alike.



## PERFECTLY FORMED FREIGHTS

### FACT FILE

- ▶ **TITLE** Freight Train Formations
- ▶ **AUTHOR** David Ratcliffe
- ▶ **PUBLISHER** Ian Allan, ISBN 978 0 7110 3447 1
- ▶ **PRICE** £20.00
- ▶ **WORDS** Ben Jones



**A**s modellers and enthusiasts we usually pay great attention to the locomotive at the head of a train, but are often less meticulous about what goes behind it. Wagon specialist David Ratcliffe has produced a useful study of BR freight trains in the 1970s, 1980s and 1990s. Chapters cover late unfitted and vacuum-braked freights, inter-regional china clay traffic, trains on the Woodhead and Cambrian Coast routes, freights carrying dangerous goods, chemicals, petroleum and container operations, departmental trains and a selection of specific workings of particular interest. Everything from local trip workings to 75mph international container services is included.

There's some coverage of wagon types, what the various TOPS wagon codes mean and what the wagons were used for, and some excellent portraits that will be of use to modellers, but what sets this book apart are the tables containing formations of specific trains, the vehicles involved, their payloads and destinations.

## SCOTSMAN MINI-GUIDE

**O**n the surface you may think 'this book is very small, so there can't be much in it', or 'aren't there enough books on the history of *Flying Scotsman* already?' But, what really sets this one apart from its peers is the range of photographs inside. In very modern style, with limited text and fairly extensive photo captions, the book covers the history of the locomotive, from initial build started by the Great Northern Railway, through to preservation and the protracted, ongoing NRM overhaul.

As mentioned before there are many 'exclusive' photographs in the book, many for the collections of *Flying Scotsman's* numerous owners or from the author's own archive. This makes for an interesting little read that can be dipped in and out of at will – indeed there are occasional 'Did You Know' sections which provide fascinating facts or nuggets of information regarding what has become 'the nation's locomotive'. This should be in the collection of anyone with an interest in No. 4472, whether for research or just general interest.



### FACT FILE

- ▶ **TITLE** The Flying Scotsman Story
- ▶ **AUTHOR** James S Baldwin
- ▶ **PUBLISHER** The History Press, ISBN 978 0 7524 9452 4
- ▶ **PRICE** £9.99
- ▶ **WORDS** Richard Wilson

## RUNNING LIKE CLOCKWORK

**I**n late Victorian times Glasgow was an important and wealthy city, dubbed 'the Second City of the Empire' and what this prosperous and densely populated city needed was an underground railway.

In this fascinating book, the author describes the unique construction of the system in 1896 – the world's first rope-hauled underground railway and the decision to create a twin-circular system on which trains ran clockwise in one circle and anti-clockwise in the other.

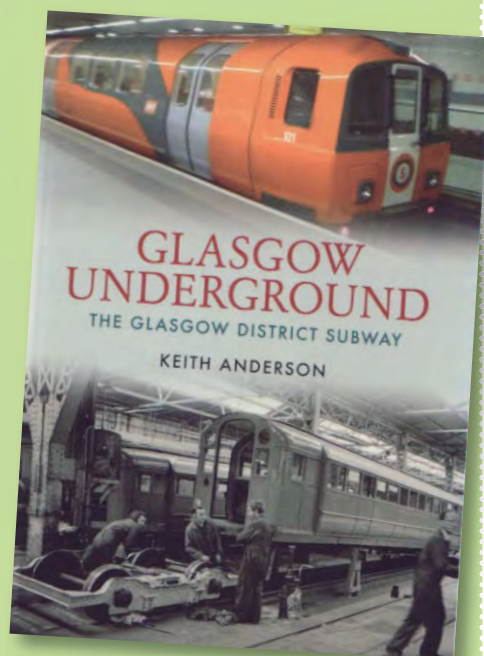
The line was constructed as a 'light railway' and the gauge chosen was an unusual 4'. The system was to remain unaltered for at least two decades, during which costs increased

and patronage dropped and it was a takeover by Glasgow Corporation in 1922 from the Glasgow District Subway Co. and the cars were motorised using tram equipment, carried out in-house and track was converted before the Second World War.

Post-war reports indicated a desire to enlarge the system, but there was no money available and by the 1970s the remaining cars were on their last legs.

It was to take a transfer to the Greater Glasgow Passenger Transport Executive in 1977 for the required investment to be made with new trains from Metro-Cammell. These trains were refurbished in the 1990s and additional trailer cars built by Hunslet-Barclay to increase capacity. Being all-over orange, the system gained the nickname of 'The Clockwork Orange'.

The book describes the modifications to the various stations and the system over the years with numerous colour and black and white photographs. It will be of great interest to Glaswegians and fans of underground railways alike, as well as anyone with an eye for unusual British railways.



### FACT FILE

- ▶ **TITLE** Glasgow Underground – The Glasgow District Subway
- ▶ **AUTHOR** Keith Anderson
- ▶ **PUBLISHER** Amberley Publishing, ISBN 978 1 4456 2174 6
- ▶ **PRICE** £14.99
- ▶ **WORDS** Richard Wilson



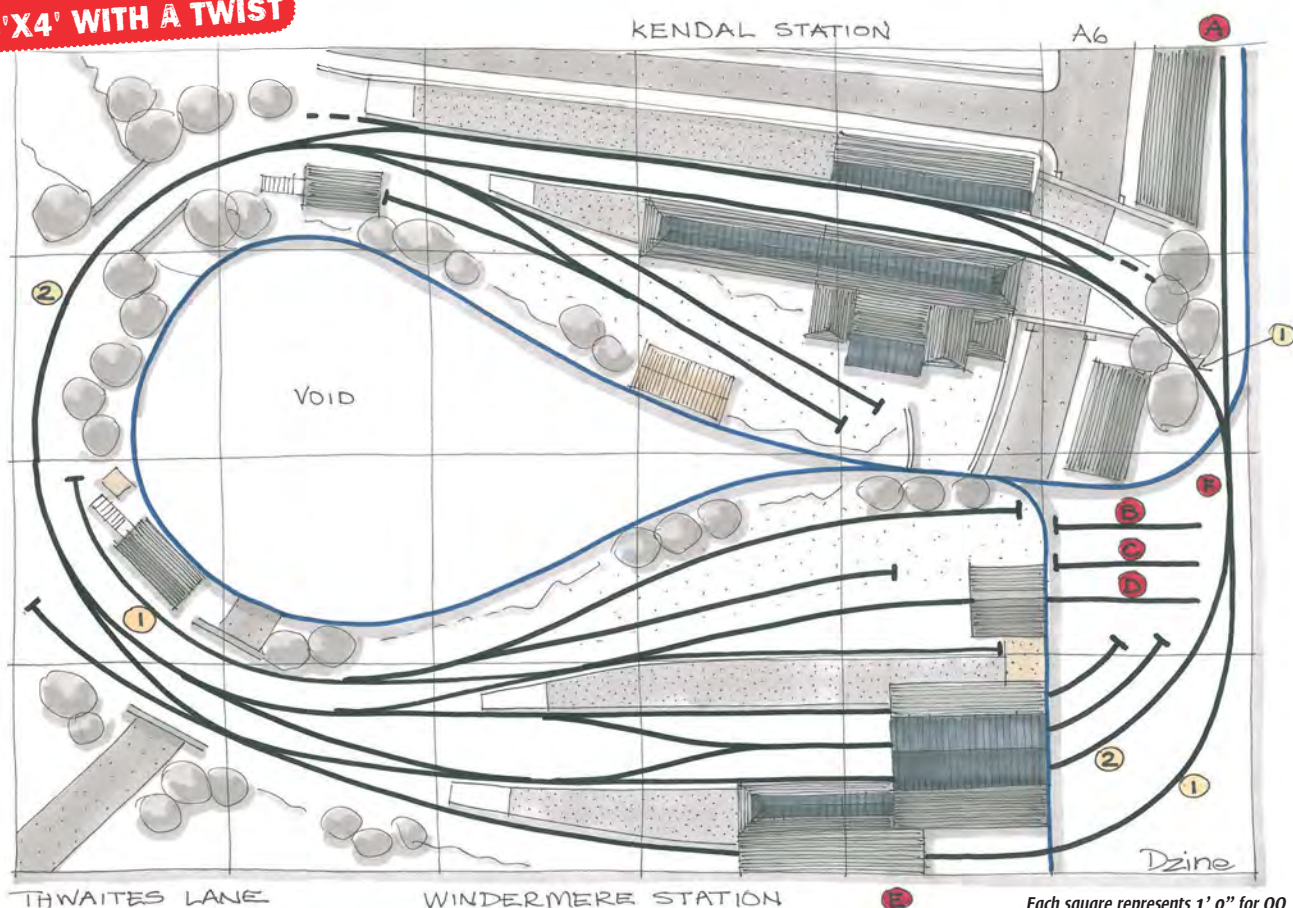


# FOUR WAYS TO WINDERMERE

Layout design guru **Paul A Lunn** suggests how compromise and creativity can help you to model a real location in a realistic space.

*Artwork and photography by the author.*

## OPTION 1: 6'X4' WITH A TWIST

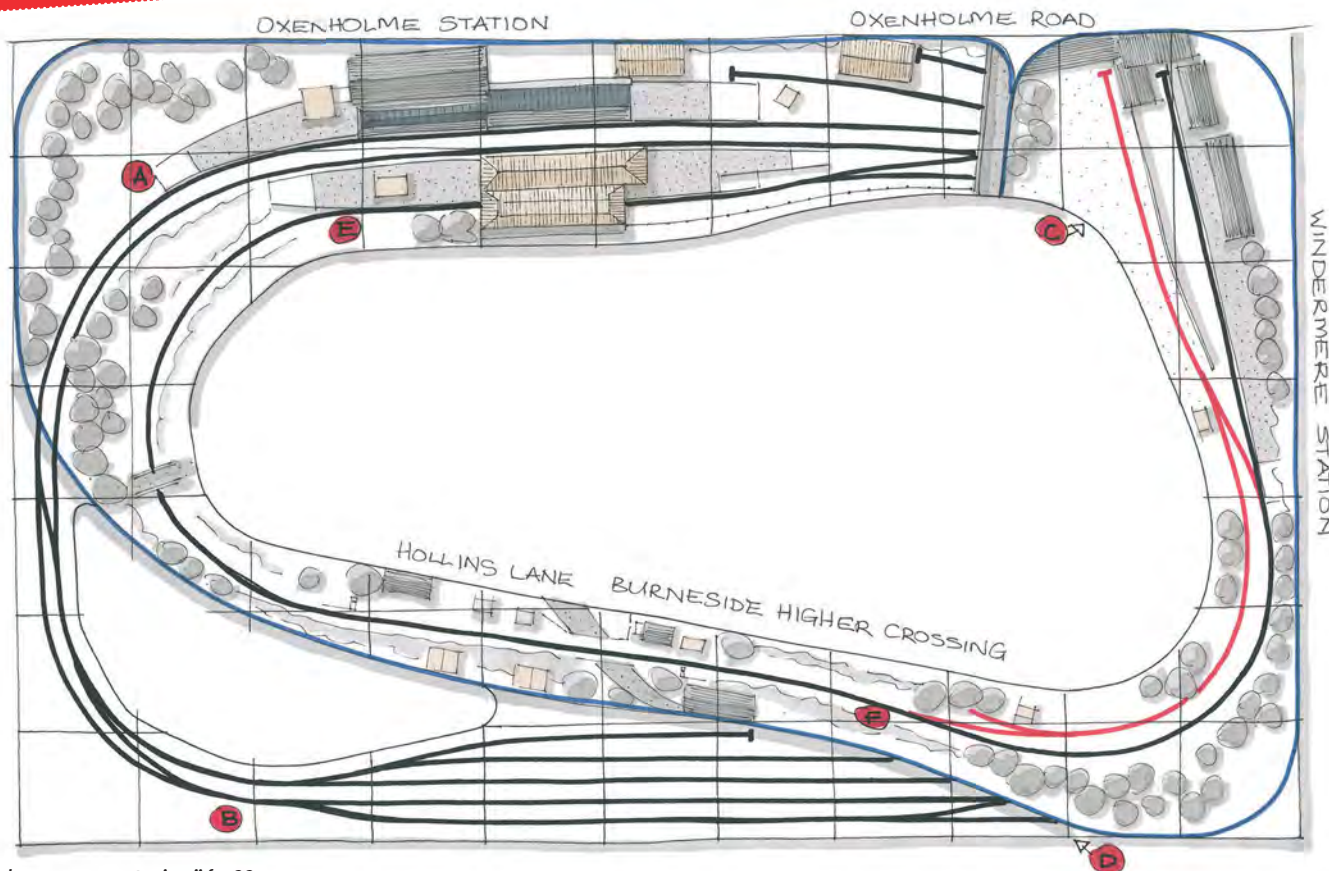


At entry-level we have the standard 6' x 4' baseboard. Despite horrendous space limitations I've managed to capture the salient features of both terminus and one through station. Rigid geometry curves help us to cram more in on the straight. I've resorted to a couple of justifiable, and quite workable gimmicks; curves inside the overall roof at Windermere, one leading to an extra capacity track, linking into the main oval, and capable of holding a four coach train. It's not possible to employ the same trick at Kendal which is only suitable for short local trains. My semi-imaginary history suggests the time period is late steam/early diesel; the line has been singled with a hint of once being double. Trains are either DMUs or locomotive-hauled specials restricted to classes not requiring turning at Windermere. Although the standard 6' x 4' is normally associated with 'roundy-roundy' layouts, and despite having a physical link for running trains in, it is essentially designed to be operated end-to-end. It's worth explaining how the non-scenic section works; siding A is intended for holding locomotives which can be changed using a Peco Loco Lift, similarly B, C and D work on the same principle for feeding locomotives on and off shed. Incoming locomotive-hauled trains from Kendal will enter the rear of the goods shed to E, but not into the station. A new locomotive, from siding A, is attached at the opposite end at F ready for departure to Windermere. The non-scenic siding has restricted capacity and is in effect only a reversal line. Non-scenic sidings should be kept to a minimum with all the action on the scenic section. Windermere is ideal for this with its four platform faces and a small yard. Note the sections of curved track marked with a relevant radii.



## OPTION 2 11'X7' MODERN IMAGE

Like many modern branches the Windermere line has become one long stub siding with rationalised stations at all the original locations. As such, from a modelling point of view, it has minimum operational interest. There are two possibilities for creating interest; add the junction with additional 'main line' trains or include a fictitious rail development with some substance in fact.

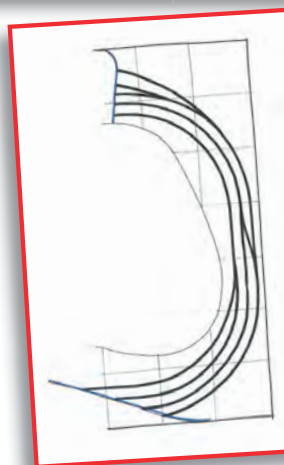


Each square represents 1'-00" for OO

Once you start layout designing based on real locations, all manner of restrictions come into play. In the end, it comes down to what to take out and what you leave in, usually governed by the available space. But there are other factors involved.

Even if you have enough space and your list of 'must haves' is fairly complete, you're only at the beginning of what can be the most difficult choice; what timescale you choose to model. The Oxenholme-Windermere branch in the Lake District is a great

example; originally a double track main line, then singled but retaining some sidings, followed by all sidings removed and most recently a proposal for overhead electrification. On top of all that, only you will know how far you want to stray from the 'truth'. Will you slavishly follow the prototype or give yourself some artistic licence? And how far will you go? If you're like me there are some things that feel in the spirit of the original, whilst others fly in the face of plausibility. Let's look at these and other related issues as we work through four varied track plans designed for OO gauge. **BRM**



The track plan, 11' x 7', shows both possibilities, including the interesting and scenically pleasing Burneside Higher Crossing or by suggesting a new railhead siding, shown in red, to serve Booths Supermarket. I have discussed such ideas, the development of freight, at length in my book *Making Tracks* (ISBN 978-1-902827-22-3). In order for the branch terminus to be sited over the non-scenic main line section I have suggested a modest grade of 1-in-60 from A to B and C to D underneath Windermere station, together with a branch grade, between E and F of 1-in-40 in order to provide the necessary clearance.



A Class 104 DMU waits at Oxenholme in 1986. Little has changed in the vicinity of the bay platform although Network Rail has plans to electrify the Windermere branch, suggesting all will soon be different!



The overall roof features on all but one plan and with such a wide span will demand at least partial interior modelling depending on which side you view the layout. You can see the fairly plain rendered walls contrasting against intricate roof trusses. Much of this area is now occupied by Booth's supermarket and a new station, marginally nearer Oxenholme, opened in 1986. This view dates from 6th September 1976.



# PRACTICAL BRM



**Right** The 14.50 to Windermere approaching Staveley on September 6, 1976, formed of two Class 108 two-car sets. I include this scenic view to inspire a possible alternate to those longer straight sections on several of the plans.



**Above** A wealth of detail at Kendal Station, steel plates under the front of the DMU indicate the subway that once existed serving both platforms and the pavement adjacent to the A6. Similarly those panels nearest the camera cross the roadway below as does the timber platform, well worth modelling on the relevant plans. Here we're looking towards Windermere at the rear of the 11.38 DMU from Oxenholme. This view shows severely stripped back infrastructure; goods yard and signalbox having closed in the early 1970s.



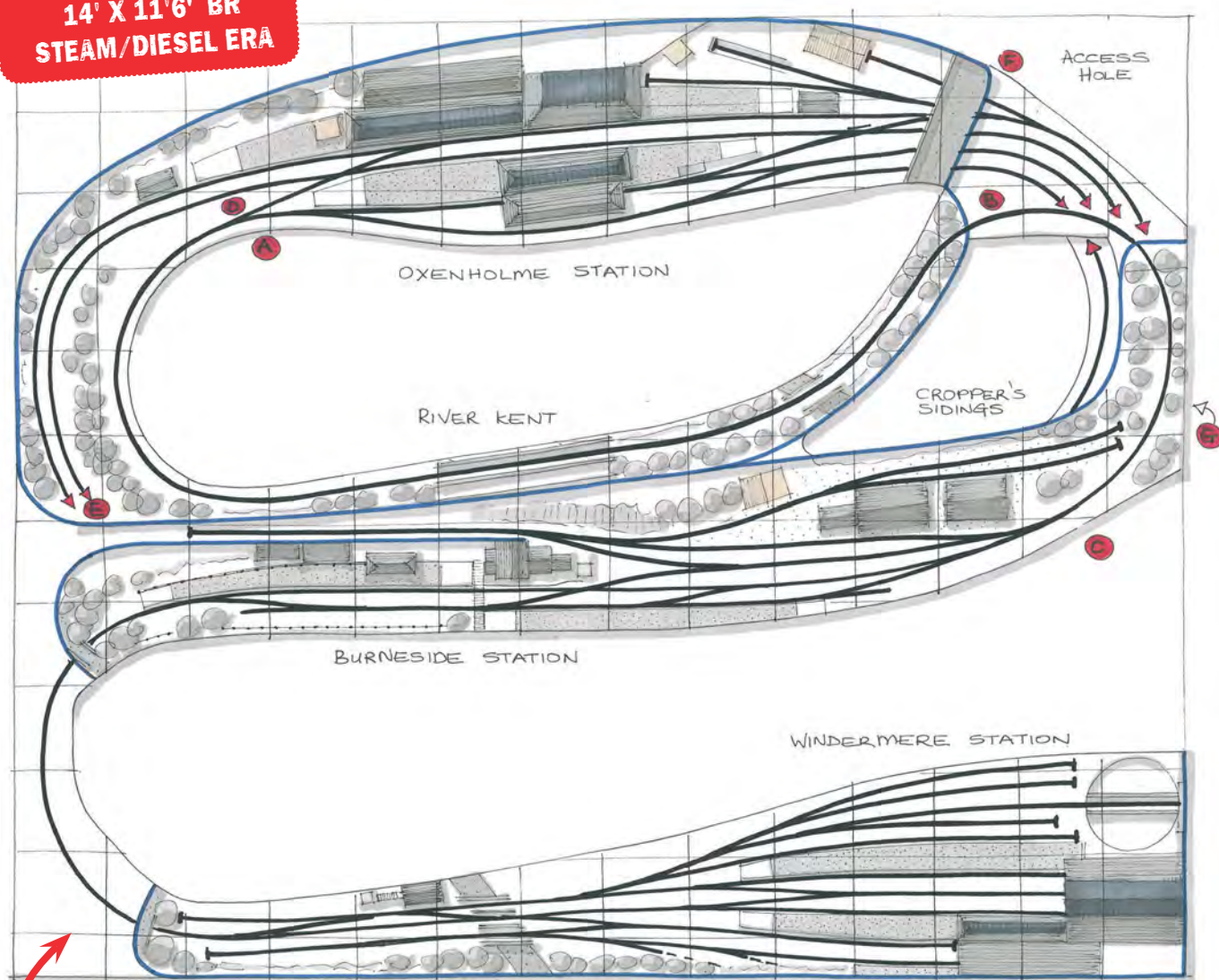
Staveley station is situated on a shallow embankment above neighbouring housing. The Railway Hotel still stands at the junction of The Banks and Crook Road. Access to the platforms is via an external stairway. The goods yard, closed in 1964, was situated to the rear distant right hand side and the signalbox, also closed 1964, to the left.

With overhead wiring carefully cropped out, this detailed view of what's left of Oxenholme's east sidings has a dated feel despite being taken in 2012. A wealth of scenic detail worth including on the relevant plans and a useful excuse for engineers/permanent way stock.



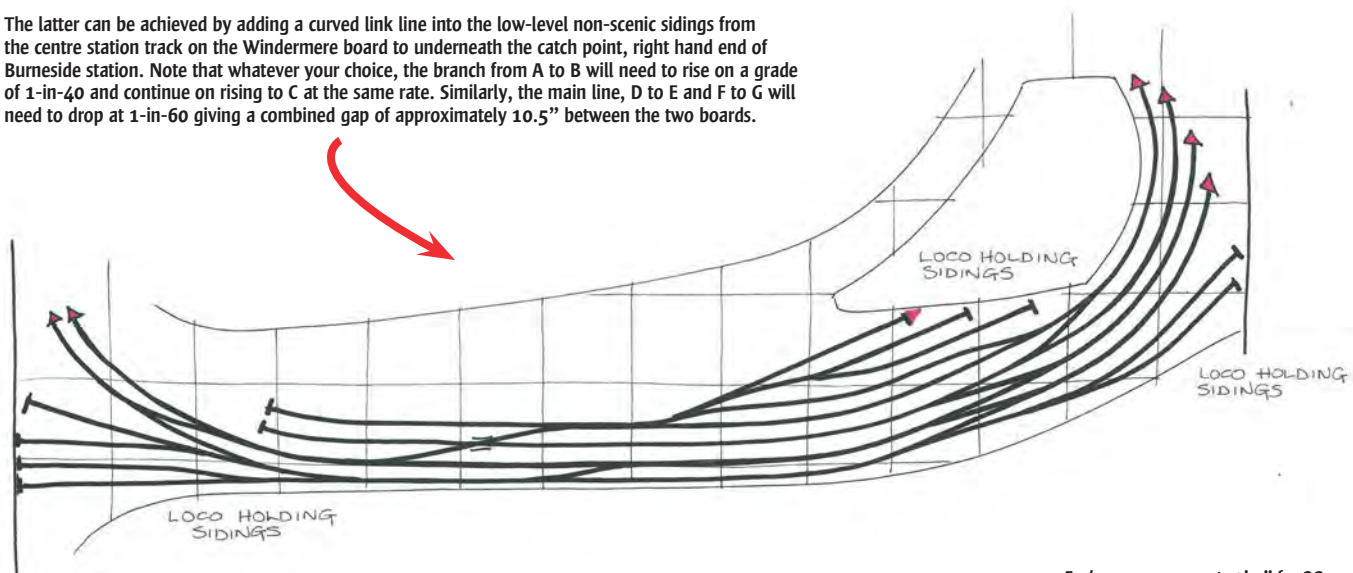
# OPTION 3

14' X 11'6" BR  
STEAM/DIESEL ERA



This first of two larger layouts, 14' x 11'-6", is set in late steam/early diesel period and imagines that the branch has been singled but retains some of the original formation particularly at Oxenholme, Burneside and Windermere. As drawn we have the junction and hidden non-scenic sidings beneath Burneside station together with the terminus. You could choose a different format; one of the other through stations, a different scenic section or sections, you could even dispense with Windermere itself.

The latter can be achieved by adding a curved link line into the low-level non-scenic sidings from the centre station track on the Windermere board to underneath the catch point, right hand end of Burneside station. Note that whatever your choice, the branch from A to B will need to rise on a grade of 1-in-40 and continue on rising to C at the same rate. Similarly, the main line, D to E and F to G will need to drop at 1-in-60 giving a combined gap of approximately 10.5" between the two boards.



Each square represents 1' 0" for 00



# PRACTICAL BRM



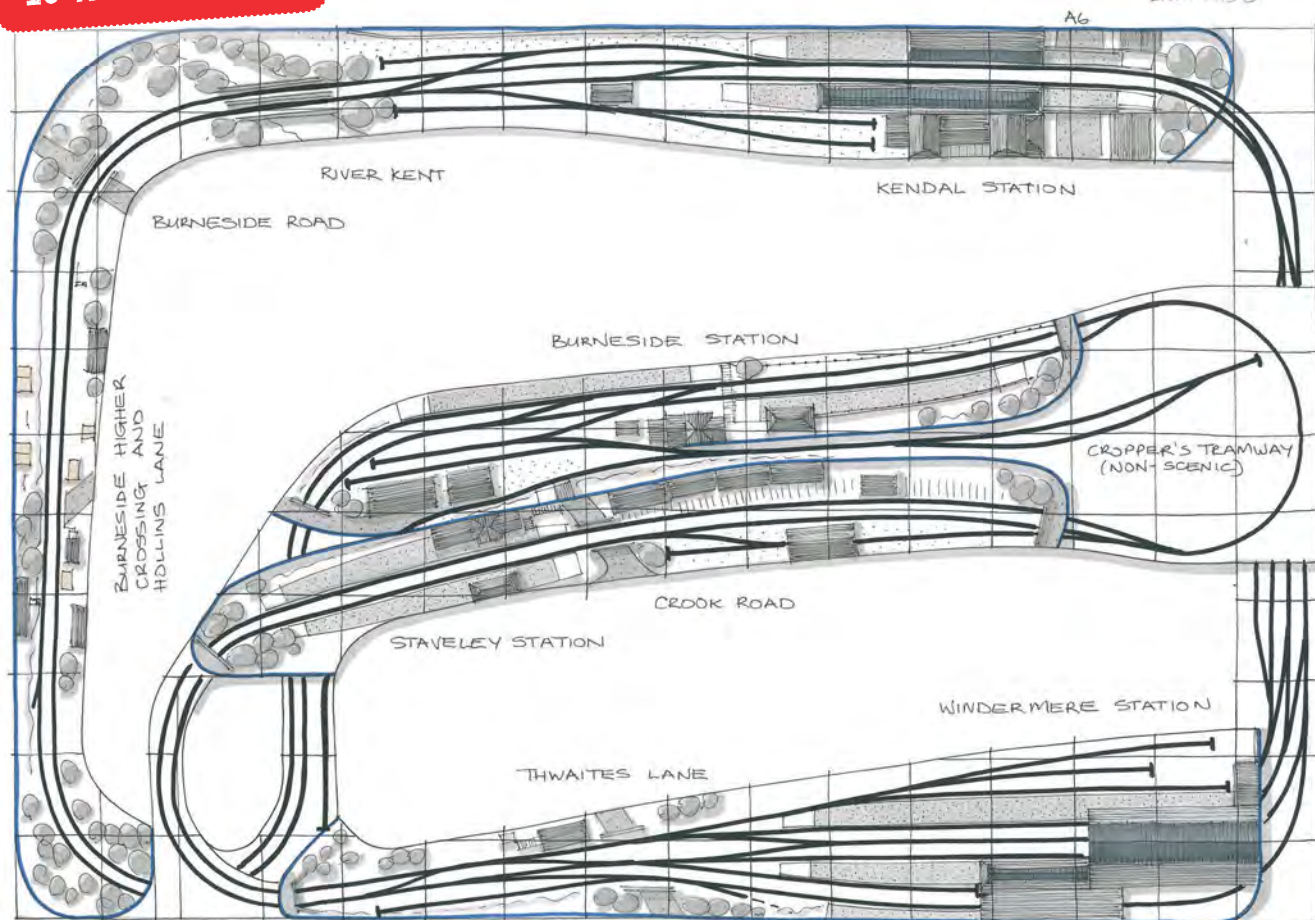
**Right** On the lookout for that little bit of something extra? Whether you model steam, diesel or electric an atmospheric subway under the baseboard surface, viewed from the operating well, is sure to create interest, especially if you can replicate the right lighting effect, natural or artificial, down the ramps.



## OPTION 4 16' X 11' STEAM ERA

Each square represents 1' 0" for OO

BRM LIB 6



At 16' x 11' this is the largest of our four plans and attempts to include all four branch line stations, albeit on a simplified basis, and a scenic run. Access/operating wells are a good length but kept as narrow as possible to minimise overall width. As a general rule of thumb they are at least standard door width or more with a couple of narrow spots that require minimum access.

Windermere captures the principal station features. It supposes the North side yard is already in the process of redevelopment with the South side yard reduced to two tracks. The design is void of a turntable now that tank locomotives haul all local services and larger classes operate tender first back to Oxenholme. Staveley Station yard is reduced to one loop serving the goods shed. The plan at Burneside is very similar to the prototype, though much condensed to accommodate staggered platforms and has tracks that go 'off-stage' serving Croppers Mill and Cowan Head, closed in 1972 and 1965 respectively. Note the route of the latter is non-scenic and traverses between the split backscene up to a single run-round loop. The point near Burneside Higher Crossing suggest a lack of use for a siding that once existed there, in truth an excuse to cover the lack of baseboard width.

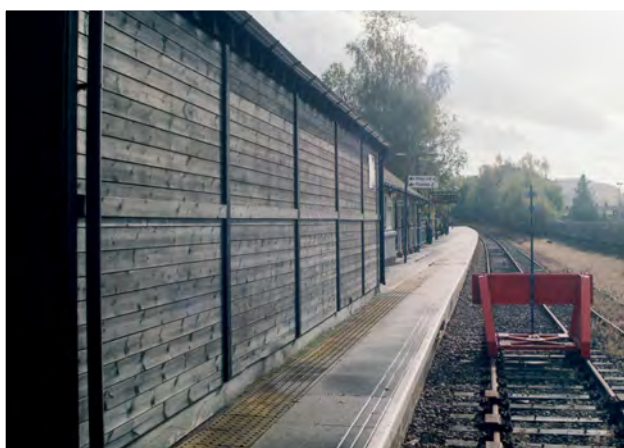
Finally to Kendal where the River Kent has 'moved' closer to the station, the benefits of artistic licence! Again we have a location that is fairly faithful to the prototype but with a reduced number of loops and sidings. It is clearly set in the steam period with double track throughout all scenic sections and employing a number of devices to make the best use of space and for operational interest; overlapping non-scenic curves, a central section split into two scenes and hidden curves under Windermere's overall roof. The latter also facilitates longer trains in the station and round and round running for test and running in purposes.

By using four different plans I've tried to show how diverse an interpretation might be; you could copy one quite slavishly in model form or take bits from several to achieve your ideal. Furthermore, there are other permutations; current practice and first generation DMUs on different operating sessions. You'll have to replace Windermere with a non-scenic section, for reversal only, and settle for one type of track. As with all layouts it's about compromise and just how creative you're prepared to be.

**WHICH OPTION WILL  
WORK FOR YOU?**



**Right** Even in a 'modern' replacement station, where a period style building replaces the original, you have much to endear it to any intending modeller especially where the level of detail on the building and its immediate environs is so interestingly diverse.



This is where my imagination runs riot; the wooden bike hire shed is sold to Booth's and the wooden panels are replaced with roller shutter doors, similarly part of the supermarket (the bit built on the original station), is converted into a covered rail delivery warehouse and the main running line extended into it. Both are used to provide a dedicated freight handling depot for all their bulky products. All make believe, but let's make it interesting!



The replacement buffer stop has already been delivered for a new siding into Booths car park, shown red on the relevant plan. Just awaiting Network Rail to complete the run-round loop. I know it's fiction, but worth a go if you're planning the current or near future scene and looking for additional action.



First Transpennine Express 185 136 awaits departure from Windermere in October 2012. Note the continuous welded rail converted in 1999 and 2002, yet another dilemma for those who want greater flexibility in their time period/s.



In my fictitious freight development at Booth's supermarket the mainline would be extended through the slate wall, behind the buffer stop, which in turn would be removed, for delivery of freight. Freight services could operate overnight, outside of the passenger timetable.



# SHORT & SWEET

Post-1960s block freight trains are too large for the average layout, but **Michael Rhodes** has a solution – local trip workings hauled by Class 08/09 shunters.

The perfect prototype for a short MGR train using the Graham Farish/Peco or Hornby HAA hoppers. In 1987 several ships of imported coal came into the port at King's Lynn with fuel for the cement works at Foxton, near Cambridge. On September 7, 1987, 08 757 ascends the dock branch with five HAA hoppers. This unusual view is full of inspiration for the modeller with an eye for detail.





During the 1980s and 1990s, Class 08s could often be seen passing through Cardiff Central on short rakes of air-braked wagons. This was the trip freight between Cardiff Tidal Sidings and the Isis depot at Canton. On April 3, 1990, 08 493 has run round its train at Pengam Freightliner terminal and heads onto the Tidal Sidings branch. The ferry vans are similar to those produced by Heljan in OO and Dapol in N.



**R**unning freight trains on a model railway has always been a problem. To model a typical 1970s/1980s era merry-go-round (MGR) coal train, you'd need to buy 30-40 HAA hoppers - beyond the budget of most modellers. On top of that, 90% of us don't have enough space for trains which extend to 20' in length, even in OO!

On my own Barrow Hill Junction layout, which is 17' square, I struggle to run an MGR with 18 HAA hoppers and sometimes disasters occur in the tunnels at either end of the main yard where there are 2' radius curves. While reviewing and scanning my collection of photographs, I noticed dozens of images of short trains, ideal for the modeller with even the smallest of layouts. Another theme that recurred was various Class 08/09 shunting locomotives on main line freight trips - something that no longer occurs on the British network.

So in this, the first of an occasional series, I have collected together images of these humble shunters on short main line freights. With both Hornby and Bachmann/Graham Farish making excellent models of Class 08s, and the budget priced Dapol O gauge 'Gronk' in development, it is an ideal starter locomotive for anybody wishing to introduce freight traffic to their model railway.



At various stages over the last three decades, Class 08s have worked from Scunthorpe along the Flixborough branch. In 1990, 08 543 winds into Normanby Park yard with a single BDA bogie bolster (produced in OO by Bachmann) carrying steel bars for export via Flixborough Wharf. This branch would make an ideal prototype for the modeller.



# PROTOTYPE INSPIRATION

Another Class 08 trip working in King's Lynn, also taken on September 7, 1987. BR blue 08 539 passes the old South Lynn shed with a single Procor PVA curtain-sided van loaded with tinned Campbell's soup. An approximation of this wagon was produced by Hornby and can be obtained second-hand.



Between 1984 and 1987, many of the freight terminals on Tyneside closed. In May 1986, 08 741 leaves Jarrow Yard with a trip to the nearby Tyneside Central Freight Depot (TCFD). Attached are a VDA van and an HEA coal hopper, both produced by Graham Farish/Bachmann and promised in O gauge by Heljan and Dapol respectively. In the background are six SPA steel carriers (produced by Farish in N) delivered from TCFD and loaded with steel plate for the Jarrow shipyards.

## SUPPLIERS

**Bachmann/Graham Farish**

**W** [www.bachmann.co.uk](http://www.bachmann.co.uk)

**Dapol**

**W** [www.dapol.co.uk](http://www.dapol.co.uk)

**Heljan**

**W** [www.heljan.dk](http://www.heljan.dk)

**Hornby**

**W** [www.hornby.com](http://www.hornby.com)

**Peco**

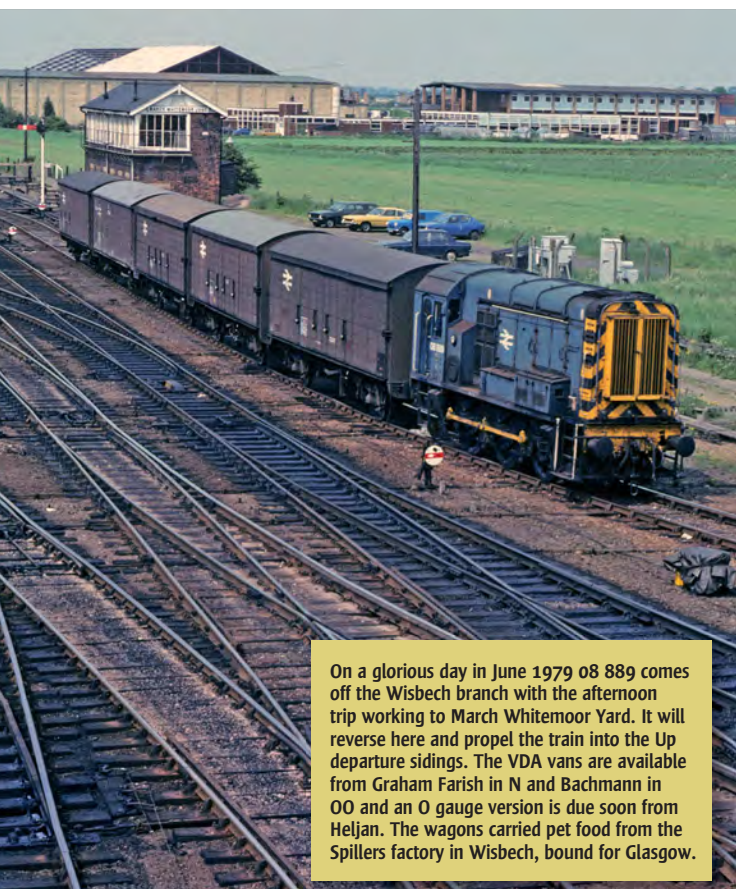
**W** [www.peco-uk.com](http://www.peco-uk.com)







South and west of the extensive Tidal Sidings yard was a complex network of lines in Cardiff docks. In 1988, 08 796 leaves the last siding in the complex. In the background is Penarth, on the other side of the Taff estuary. Behind the 08 is a VGA van and two TTA fuel tanks (produced by Bachmann/Farish in N and OO) from Currans oil terminal deep in the docks. The VGA wagon is loaded with imported timber from Scandinavia.



On a glorious day in June 1979 08 889 comes off the Wisbech branch with the afternoon trip working to March Whitemoor Yard. It will reverse here and propel the train into the Up departure sidings. The VDA vans are available from Graham Farish in N and Bachmann in OO and an O gauge version is due soon from Heljan. The wagons carried pet food from the Spillers factory in Wisbech, bound for Glasgow.



In 1993, 08 664 comes off the Uskmouth branch near Newport with the mighty Llanwern steel plant in the background. The train is an Orb steelworks-East Usk Yard trip loaded with imported steel for the automotive industry. The train is made up of seven BBA bogie steel carriers and a CAP 20t brake van (all produced by Bachmann/Graham Farish). This train could run with as few as two BBAs and a brake van, making it ideal for space-starved modellers.



# MEET THE BRM EXPERTS

WHAT THEY'VE BEEN UP TO THIS MONTH



## BEN JONES

Exciting times for the layout project - baseboards ordered, just have to build the framework now! The trip to Dortmund gave me ideas for buildings, scenery and presentation, but could have melted the credit card!



## RICHARD WILSON

A busy couple of weekends, with not only York show and RMweb Member's day at Taunton, but also two weddings to attend. As always I will enjoy seeing old and new readers at the York racecourse over Easter.



## ANDY YORK

Right now I'm in a really mad rush finishing a couple of modules for the RMweb Members' Day at Taunton in two weeks time; why do we always leave things which merit spending some time on until the last minute?



## PHIL PARKER

A recent visit to the Foxfield Railway found me in industrial loco heaven. I've built models of at least three of them but I'd like to work my way through the rest. As well as this, I was able to ride the line in the cab of the fabulous *Bellerophon*.



## HOWARD SMITH

Spring has sprung and it was time to get the front garden sorted out, but the modelling projects have not slowed down by any means! At last, I've been able to pick up where I left off on the layout. 'Tis the time of year for spraying something too - watch this space!

# YOUR BRM

# QA

Top advice from our modelling experts



## FILLED WITH ORE



**What type of wagons do I need to model OO gauge iron ore trains in the BR steam era?**

**Ben Fleet, Essex**

**Ben Jones says:** In recent years, OO modellers wanting to re-create BR ironstone trains have been well served by Bachmann and Hornby. Both

companies produce versions of the standard BR 27t ore tippler, and Bachmann also offers the 24t ore hopper in both N and OO. Various other types of wagon were used, including several designs of hopper wagon but these are only available as kits from the likes of Parkside Dundas.

However, as you can see in these photographs

## DCC OR NOT DCC



**I am new to model railways and have subscribed to BRM magazine. I plan to buy a locomotive with**

**DCC fitted and a DCC controller. My question is can I control a non-DCC model with my DCC controller.**

**I really am a novice and I need information.**

**Alan Worthington**

**Richard Wilson says:** The short answer is yes, you can, although you probably shouldn't.

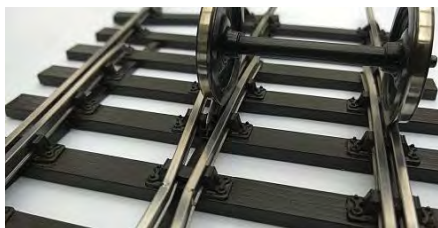
Most DCC systems have the capability to drive just one locomotive without a decoder via address 0. It is not, however, recommended as AC supply will eventually damage the motor.



# ON THE CURVE



Do you know of a formula that may be used to determine the feasibility of running locomotives around curves? When using flexi track or designing my own track, how do I know that my trains will not derail when traversing the tight curves necessary, due to lack of space. I appreciate that if main line locomotives are used a larger radius curve may be required



whilst a small tank locomotive may successfully negotiate a tighter curve. I have been tasked with designing and building a larger scale layout (gauge 1) but am unsure of the space required to achieve it.

**Ray Corbett, by e-mail**

**Howard Smith says:** If you are building a gauge 1 layout, I wouldn't personally use a formula. Trial and error is an underrated technique - a formula is a long-winded way of going about achieving a fairly simple task. I'd advise you to look at track radii of 8' minimum, which would be quite suitable for SanCheng/ Bachmann RTR brass locomotives, increasing by a foot or so for kit-built or live steam examples. Cliff Barker's Gauge 1 track range offers a selection of 'gauge widened' track, enabling



larger locomotives to negotiate curves more easily - you may want contact him to discuss the possibilities. No doubt his expertise in this domain would help you somewhat. See [www.cliffbarker.talktalk.net](http://www.cliffbarker.talktalk.net)



submitted by **BRM** reader Robin Cullup, you're not limited to using purpose-built ore wagons. Note that the train above consists mainly of BR 16t minerals with several wooden bodied five-plank wagons nearer the locomotive. There do not appear to be any hopper types or BR 27t tipplers.

Note also that the wagons are not loaded

to the top - ironstone being much denser than coal and therefore reaching the weight limit at half full. The locomotive is No. 48356, one of Kettering's long-standing resident 8F 2-8-0s with a train from Cranford on the Kettering-Cambridge line. The ironstone will be taken in the early evening north to feed blast furnaces at Scunthorpe or in the North East.

## THE DEAD SPOT



I have a niggling problem regarding a Bachmann 'Crab' and an Ivatt 4MT 2-6-0 (non-DCC). My layout is DCC operated, but these two locomotives will not run over a Peco large radius right hand point (have added a 'frog juicer' to point). The point is 'Electrofrog'. All my other models, both Bachmann and Hornby, run over it without any problems and the two 2-6-0s run over both 'Insulfrog' and 'Electrofrog' on the rest of circuit. I have found with the 'Crab' that if you turn the power right up it will eventually get over this dead spot. it seems the problem is just this one particular point. Have you any ideas please?

**J Helsby, Norfolk**

**Richard Wilson says:** From what you describe, this seems like more of a problem with the locomotives than the point if all the other stock runs through without problems. Are the pick-ups on the locomotives clean? They need to be as clean as the wheels themselves. The only other factor which may cause problems is the back-to-back dimensions of the wheels which may cause them to get stuck in the check rails of the Peco point - have you run a gauge through them? Gauges can be obtained from the Double O Gauge Association - please see Peter Ellman's question on the next page.

MORE OF  
YOUR  
QUESTIONS  
OVER THE  
PAGE

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[brm@warnersgroup.co.uk](mailto:brm@warnersgroup.co.uk)  
AND PUT 'Q&A' IN THE SUBJECT BOX



# YOUR BRM QA

## BACK TO BACK BASICS



I have read and enjoyed **BRM** magazine and the Right Track DVDs for many years. Your topics are varied and submitted by many model railway experts who have helped myself and many others over the years.

One of your contributors, Nigel Burkin, has written many informative articles and also a number of very good books. In one of his books (*Fine Tuning and Maintaining OO Gauge Models* - 2011) on page 66, it shows a picture of back-to-back gauges. I have the brass hammer shaped gauge which is good for wagons and carriages, but can't seem to buy the block gauge which enables you to check driving wheels with the drive gear in place.

My simple questions to you are:

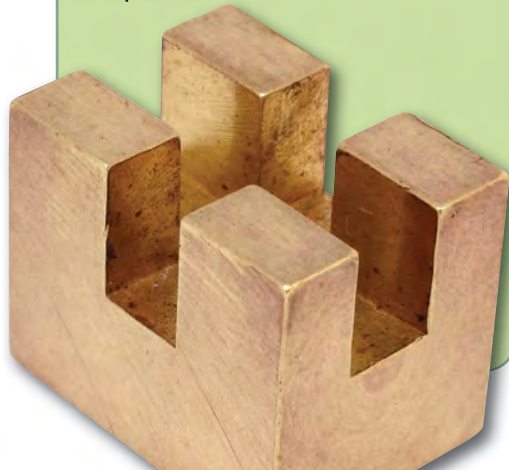
- 1 ) Where can I buy this gauge?
- 2 ) What is the correct part number/description for OO gauge?
- 3 ) What is the website address for these gauges?

Your help in this matter would be grateful as specialist items like this are very hard to source here in Australia.

**Peter Ellman**

**Phil Parker says:** The answer to your question is The Double O Gauge Association. It sells sets of gauges like the one shown for £6 or £3.50 to DOGA members. I suggest that if most of your stock is RTR then purchase the Intermediate standard rather than the finescale. Details of the standards can be found on the association website - [www.doubleogauge.com](http://www.doubleogauge.com)

DOGA has several Australian members too and might be able to help you link up with someone more local. You might also find membership of the British Railway Modellers of Australia ([www.brma.asn.au](http://www.brma.asn.au)) helpful too as I'm sure many of its members have encountered the same problems.



## THE BRM GUIDE TO BUILDING YOUR FIRST LAYOUT PARTS 1, 2 & 3

If you missed any of these



**DOWNLOAD**

the January, February and March 2014 issues of BRM which included these **FREE** supplements on the construction of a simple model railway layout.

[www.model-railways-live.co.uk/digital](http://www.model-railways-live.co.uk/digital)

## FLOWER POWER



How do you model the Buddleia plant, commonly known as the butterfly bush?

They seem to grow at will on railway embankments and station walls  
**Richard Smith, Uttoxeter, Staffs.**

**Richard Wilson says:** You don't state the scale you are modelling in Richard, but I think the best person to answer your question will be Paul Warburton, whose OO gauge Beeches TMD layout appeared in the April 2010 issue. I'm sure Paul won't mind me quoting directly from his article:



'The two buddleia bushes have received a lot of interest on internet forums, so apologies if this is familiar to you. The base is made from stranded wire; this can be gradually thinned towards the tip of the branches. These sections were then joined at the base with PVA and then hand-painted. Now for the leaves - brace yourself! A suitable green was established on the computer with real buddleia leaves and printed.

Layout Focus Beeches TMD



Old and new view of the infilling point at Beeches TMD



The bridge, modified from twenty bits, helps to break the layout up into two sections. The very realistic buddleia was painstakingly created by hand as described in Paul's article. A long scene at Beeches TMD (below)



decoder is not a pretty sight! I may venture to fit another one day but only after having some sound instruction first!

The electrical side of railway modelling is not my strong point. Wiring Peco point motors and making sure all the connections in the 'D' connectors worked was something of a nightmare. A fine soldering iron and some clamps are essential items. It is also worthwhile practicing soldering if this is new territory. I shocked myself when it all worked - eventually!

### Where next?

Like a garden, is a layout ever finished? My next priority is to add lighting. At the time of writing the lighting points and Portakabins have lights from Exeter Models. But have to be connected to a transformer. I plan to fit lights to the main buildings and also add some yard lights. The layout is slightly devoid of people at the moment so more figures will help to add human interest. There is also more work to do on the backside at both ends of the layout. I also plan to add to my rolling stock - 314, 474, some more EWS models (60s and 66s), DMUs and maybe a 'Dobbin' - perhaps in lard (Portakabin livery). Some other stock like an RFT or an MPV or maybe a small bus would also add more interest. Longer 57 hauled 'Pendolines' will have to wait for the next layout!

Beeches TMD, although well established, is very much a work in progress. I hope to show what can be achieved in a restricted space and with a busy job. My philosophy has been to try to get Beeches TMD to look as much like reality as possible within the constraints of the space available. I hope I will always enjoy modelling though and not become too obsessive with details to the extent that it takes away some of the pleasure of such a diverse and absorbing interest.

See more of Beeches TMD in the new book April issue of *Model Rail* magazine

BRM April 2010

Each leaf - several hundred in total - was then hand cut and the tips dipped in PVA and individually stuck to the branches. I will not mention how long it took! Quite a relaxing pursuit though while watching TV! The flower heads were made with pieces of fine sponge carefully snipped into shape with fine scissors. These were then painted and attached with PVA. Some cabbage whites have been added since the photo was taken!



**DON'T FORGET**

**FOR MORE ON  
PAUL'S MODELLING**

including more on the buddleia,  
you can find him on

**RMweb**





# NEW MOTORS FOR OLD



I have several assorted (LMS) locomotives that I built from whitmetal kits during the

1970s. They are of the type that were specifically designed to fit ready-to-run chassis of that period (Triang/Hornby). Whilst they look reasonable to me and I have had them re-wheeled (Romford) they do not have the running abilities of current RTR. Is there a specialist out there who could replace the motors for me?

**Tony Stanley**

**Phil Parker says:** While I don't know of anyone who offers this particular service, it's worth taking a look at what's involved if you plan to carry out the work.

Simply replacing the motor in an old RTR steam locomotive won't solve the problem. No-one makes a drop-in replacement for a Tri-ang Xo4, so the gears will need to be replaced at the same time. That means finding a gearbox narrow enough to fit through the hole in the cast chassis block popular at the time these models were produced.

This can be done – the photograph right shows a remotored Hornby Percy I built many years ago, with a double reduction gearbox from Branchlines attached to a Mashima motor with a big flywheel. The wheels are from Romford and coupling rods and crossheads from Alan Gibson. It runs as smooth as any locomotive, but the work fitting

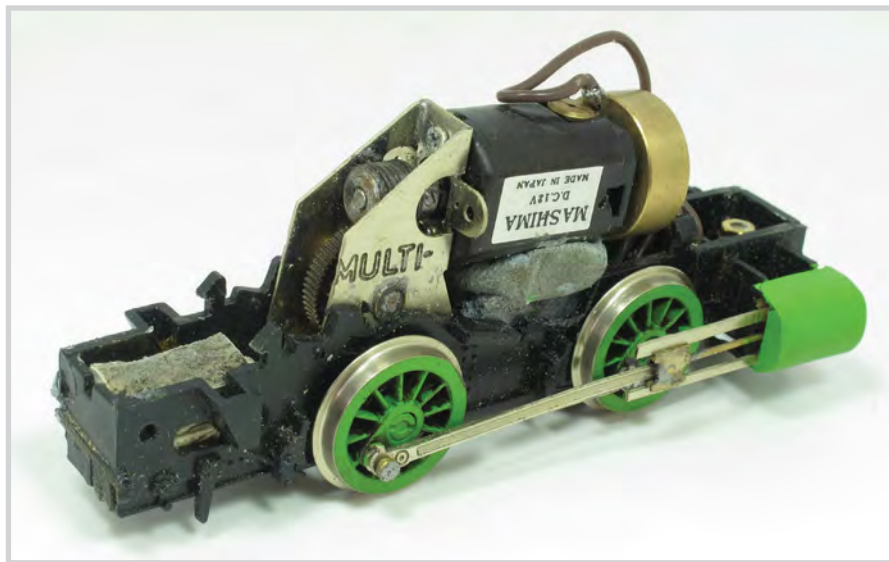
this into a plastic chassis was considerable. The same job on a metal chassis will be worse.

One option might be to look at an alternative chassis. Comet Models ([www.cometmodels.co.uk](http://www.cometmodels.co.uk)) produces a range of replacements that when carefully built should out-perform most RTR models and look better than what you have now. You can re-use your Romford wheels too which saves quite a bit of money.

Before going to all this trouble, it's worth checking over the models. Are the motors and gears lightly oiled? If they appear a bit gungy, try cleaning them with solvent on a cotton bud.

Are the wheels clean? Shine them up with a fibreglass pencil to improve electrical pick-up.

Finally, what sort of controller are you using? A feedback controller for DC or DCC will get the best from even old locomotives.



*Guaranteed to dramatically improve the power and overall performance of all of your locomotives*

# PowerBase

**Created by DCCconcepts**  
To make things work much better!

## No more gradient or pulling power problems!

Installing PowerBase is so easy to do that you don't even need to remove the body from your locomotives.

We guarantee that once installed it will at least double locomotive pulling power on gradients and it will also give them remarkable pulling power in all other layout areas.

As a nice added bonus, PowerBase also greatly improves power pickup & reduces track cleaning by at least 75%.

PowerBase is surprisingly economical, very easy to use and requires no special tools or skills to install.

Available now in N and OO scale versions that are also suitable for OO9, HOe, HOM, TT, S, On30, and others...

PowerBase really will transform your loco's performance!



## Easy, 100% effective and affordable too!

The powerbase range covers all possible needs and is incredibly affordable. Easy to use and install, with two economical "starter packs", top up packs and special accessory packs available, the average layout and all your locomotives can be fully equipped with PowerBase for less than the cost of ONE sound locomotive!



## "With and Without"...

An OO scale Bachmann "City" on a 1 in 30. from a struggle with 4 to an effortless climb with 8 Mk1 coaches After installation of PowerBase.



DCCconcepts Pty Ltd, 3/13 Lionel Street, Naval Base, WA 6165 Australia

DCCconcepts products including the PowerBase range are sold and distributed to model railway retailers in the United Kingdom by Gaugemaster Controls Ltd, Ford Road, Arundel, West Sussex. Phone: +44 (0) 1903 884 488 Fax: + 44 (0) 1903 884 377 ...or by email via [www.gaugemaster.com](http://www.gaugemaster.com)

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Share your layout, projects and opinions with other **BRM** readers...

## THIS MONTH'S **STAR LETTER**



## HIGHLAND HICCUPS

**H**aving connections with the West Highland in the '80s, I was interested by Andy Peters' Glen Roy layout in the April **BRM**. Could I make a few simple observations though?

1)- In the 1970s/'80s, West Highland buildings were not light blue and cream. Indeed, contrary to popular belief, such colours have always been rare in Scotland. In steam days, most ex-LNER buildings in Scotland were dark blue and cream. There were a few stations in blue and white but mainly on the east coast. Generally, Scottish buildings had the woodwork in cream and dark red-brown.

During the period portrayed, West Highland buildings were repainted a two-tone green scheme which came in for much criticism but was in fact the original West Highland Railway's colours. In the late-1990s, the lighter green was replaced by cream.

2)- The bus portrayed may well have been there but alas not in MacBraynes' livery. When the Coast Lines group went into liquidation in the late-1960s, (David MacBraynes (1928)

was a joint venture between Coast Lines and the LMS Railway), it was decided to transfer MacBraynes in the 1968 Transport Act to the newly formed Scottish Transport Group (The other shareholder now being British Rail) and amalgamate it with The Caledonian Steam Packet company to form 'Caledonian MacBrayne'. MacBraynes buses were transferred to the Scottish Bus Group and integrated with Highland Omnibuses. MacBraynes lorries were transferred to MacBraynes Road Transport Services.

The bus shown here, which would be a Willowbrook-bodied AEC Reliance, would, by the 1980s have been repainted in the Peacock Blue/Poppy Red livery adopted by Highland in 1971 but by then it would have been more likely a Ford R1114 or Leyland Leopard with Alexander 'Y' type body.

3)- I was puzzled by the comments about a policeman in photograph 2 at the bottom of page 45. Given that the last Scottish policeman (City of Glasgow) hung his helmet up in January 1953, I doubt if one would have been seen in the 1980s! Indeed, many Scottish County Constabularies never wore the helmet, until

about 1908 they wore the (Army) Officer's pattern forage cap, something like a pillbox with a little peak at the front. In 1908 they adopted the 'German' or peaked cap. In 1938 Scottish Police adopted the 'Sillitoe Tartan' (Google it!) band as standard, this having been adopted by Glasgow in 1932 and named after Sir Percy Sillitoe, the then Chief Constable. There is evidence that some Highland forces adopted it earlier 'to prevent its officers from being mistaken for gas men or tram inspectors.'

No Scottish Policeman ever wore a helmet and a collar/tie. Which brings me to the shirt. I think by the 1980s the wearing of pale blue shirts was a thing of the past everywhere in Britain, with the first force to change to white Renfrew and Bute Constabulary in 1974 and all other Scottish Forces had done likewise by the 1980s. As a point of interest, Strathclyde were the first in Britain to abandon the shirt for patrol work in favour of a black T-shirt and fleece.

**Jane Moss by email**

**STAR  
LETTER**



# LETTERS

## AIMREC – VERY MUCH ON TRACK

**W**ith reference to Nigel Watson's email in your May edition, regarding the Ashford International Model Railway Excellence Centre (AIMREC) project. The trustees feel that this was not premature; in fact this should have happened 25 years ago, remembering that every journey has to start with the first step.

We would like to confirm that AIMREC is not a museum but will be a fully working model railway visitor centre. It will contain learning and multi-media information presentations along with working model railway layouts depicting some of these presentations. The layouts, old and new, will be operated automatically, triggered by movement sensors where possible to help minimise wear and tear when there are no spectators. At specific times certain layouts will be operated in full exhibition mode by our dedicated trained staff, these times will be advertised through the press and on our website.

We anticipate that the centre will require 20 full-time staff, 10 part-time staff and four apprentices, plus support by volunteers during the busy periods, similar to the way in which the National Trust operates.

There will also be a separate professional building team located off-site to construct the three purpose-built layouts for the centre. From day one, the space for these in the centre will be filled with similar layouts while the new exhibits are under construction.

We can now announce that contracts have been exchanged for the purchase of the site, with a purchase completion date of February 2015; bearing in mind that this is a new build we estimate the centre will open in the autumn of 2016. We would like to thank everyone who has become a Friend of AIMREC for their generous donations, enabling us to reach this first goal.

We have been approached by a TV company who wish to make several documentaries about the people, their backgrounds and their layouts, culminating in the design, building and opening of AIMREC. This is an exciting opportunity to give a good account of the hobby of model railways.

The trustees listed below are currently negotiating with several funding streams to help complete the project. We anticipate a foot-fall of 100,000 visitors in the first year, rising to 400,000 in year five.

Readers who have not yet become a Friend of AIMREC can still do so via our website ([www.aimrec.co.uk](http://www.aimrec.co.uk)) or completing the form in one of our leaflets, available by post from: *The Estate Office, Dacliffe Industrial Estate, Appledore Road, Woodchurch, Ashford, Kent TN26 3TG*, or at our stand at one of the model railway shows. Your help is required; we still need to raise funds to cover the cost of surveys, planning and legal fees.

### **The Trustees consist of:**

**The Hon. Sir William McAlpine BT, Philip Christensen, Roger Daltrey CBE  
Dr Pete Waterman OBE DL, Jools Holland OBE DL  
plus the steering committee made up by seven other trustees.**

### **Cliff Parsons, AIMREC committee**



## facebook

### Question of the Month

We asked **BRM's** Facebook community what they thought about a topical subject. Here's what they said:

**Following the success of Ixion's 0 gauge industrials and Hornby's Sentinel diesel, is there enough demand for another good quality industrial steam locomotive in 00 gauge? And which type do you want?**

**Frank Collins** Andrew Barclay 0-4-0 or 0-6-0 ST

**Callum Willcox** Yes! Love industrials! A 00 Gauge RSH 0-6-0st like 'Moorbarrow' would be at the top of my list!

**Ian Fielden** Given that most layouts are small I would say there would be great demand for the unsung heroes and industrial locos fit the bill. If its made poeple will buy them and they would be insparational in creating new layouts.

**Jim Straker** One of the standard gauge Manning Wardles.

**Bob Shepherd** Of course there is! The Hornby International Sharp Stewart 0-6-0 is crying out for conversion (it's HO) with a new body to 00 scale. That would be an easy win for Hornby as the tooling is there already. Whatever the case there are so many variations in Industrial locos you could start with anyone - Andrew Barclay, RSH, Peckett, Hunslet, Vulcan - doesn't matter. The scope is enormous.

**John Spencer** Yes, *Captain Baxter* of the Bluebell Railway.

**Jack Peake** Any 0-6-0 type would be very popular I believe, for all modellers!

**Amy Chris Adams** Go for a more common type like a Barclay or a Peckett.

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Facebook!

## DON'T FORGET

**WRITE TO**  
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BRM, The Maltings,  
West Street, Bourne PE10 9PH  
**OR EMAIL**  
[brm@warnersgroup.co.uk](mailto:brm@warnersgroup.co.uk) and  
title your email *Readers' Letters*



YOUR  
**BRM**

# READERS'

Here's your chance to have your layout or latest project highlighted in the pages of **BRM** for all our readers to enjoy. Send your photos and text to the address below. We look forward to receiving them!

## MAIN LINE METAMORPHOSIS

STAR  
LAYOUT



**T**he layout is based on the London end of the East Coast Main Line, set in the period 1960 to 1970. This gives me plenty of scope to run steam and diesels into the corporate blue pre-TOPS era. The names King's Cross and Finsbury Park have been altered to fit in with the scene. Other names used on the BR section, with one exception, have connections with the Hertford Loop. Currently there are six BR stations and two Underground stations. An operating running sequence is used which covers 440 movements in total to go

through a daily service including light engine movements. The express trains are in formations of seven to nine coaches including 'The





# LAYOUTS



Flying Scotsman', 'The Aberdonian', 'The Anglo-Scottish Car Carrier', 'The Tees-Tyne Pullman', 'The Yorkshire Pullman', 'The Hull Pullman' and more. Suburban services are in four or five coach sets except for the eight coach 'quad-art' sets. There is also an intensive DMU service plus parcels and freight. Recently, laser-cut buildings have been added, including the west side of King's Cross station, Finsbury Park diesel depot and the signal box from King's Cross.



MORE OF  
YOUR LAYOUTS  
OVER THE  
PAGE



# YOUR BRM READERS' LAYOUTS



## FEATURE PACKED

**M**y layout is not based on any particular place, I just wanted it to be as interesting as I could make it, so I put in a canal, river, harbour, tunnels, roads and, of course, railways.

The overall size is 17' x 11' with a central space for operating the trains of around 8' x 4'.

It has taken me about five years to complete, mainly done in the winter months.

**Thomas Ashforth, Poole, Dorset.**





## MADE IN HASTIE



**H**ere are several pictures of my 'work in progress' where I have attempted to get in as much running track as possible on a 9' x 5' base board. It is modelled in OO gauge and is run using DCC. All of the buildings are made from Metcalfe card kits, and the locomotives and rolling stock are all Bachmann Branchline. Vehicles and people I tend to pick up

at local exhibitions and model shops.

I have always been interested in steam railways and as a lad in the early '50s did a lot of train spotting, and now work as a volunteer on the GCR. I have gradually been building this layout over the last ten years, mainly in the winter and plan to add a canal basin and wharf.

**David Hastie**

## A CORNISH RAILWAY



**S**ome of us have tight budgets, kids and a job, so may lack the time and money we would like to spend on a hobby. This may put some off from taking the hobby up – I hope this will inspire some who love trains but don't have time or don't want to get involved in clubs and the exhibition circuit – just a nice, relaxing hobby in their own homes.

Let me explain where it all started and how my first layout grew over the last five years or so. I collected bits and bobs well before I commenced building – the odd £5 or £10 a month on flexi-track – it doesn't take long to get enough if you plan in advance and are waiting for a baby and decorating your home. You collect as there's no

time for anything else apart from a brief time to get the baseboards together and lay the track before total bedlam.

I do admire model makers who research and produce a detailed copy of the real thing – I don't have the time and it limits what you can run. I didn't look over plans and books – I knew what I wanted in my mind and the rest evolved from there.

There are still bits I would like to add in as I go along to enhance the look and feel of the layout. I also need to get my signals wired up and working and maybe a branch line for my DMU to run on – who knows.

**D Smith, Kettering, Northants**

## THE WOODS: LAYOUT IN A PICNIC BASKET



**A** passing comment that all OO9 layouts involved quarries, quays or light railways running through pretty villages set me thinking. I decided to prove them wrong!

For the baseboard I made a sandwich (it was a hamper after all!). Two pieces of insulating polystyrene were stuck together with Instant Nails, then came a layer of birch plywood (1/16") to make a firm base for the track pins and finished off with an Auhagen mat. The OO9 track was then laid with 6" curves after checking that the Roco steam locomotive called *Betty* (bought on eBay) could cope. The bears and their food (including the contents of the Parkside Dundas wagons) were from doll's house websites. I added trees and made bushes and hedges from pan scrubs. To secure the bears to the baseboard, small pieces of 1mm brass wire were glued into their feet or bottoms.

**Lyn Owers, Shanklin, Isle of Wight**



## DON'T FORGET WRITE TO

**Readers' Layouts,  
BRM, The Maltings,  
West Street, Bourne  
PE10 9PH**

## OR EMAIL

**brm@warnersgroup.co.uk  
and title your email  
Readers Layouts**



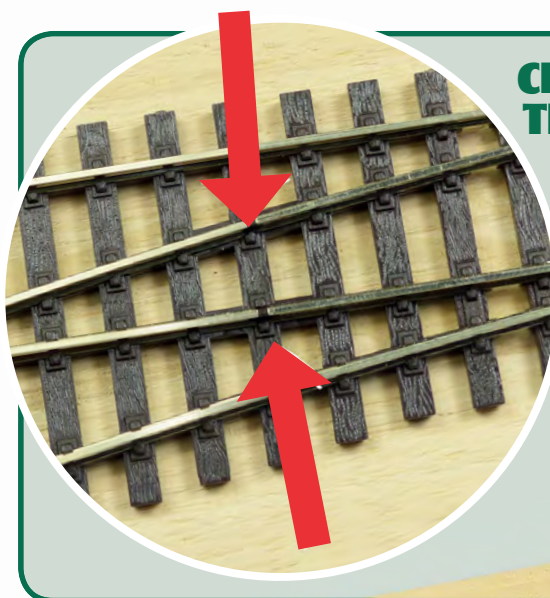


# DCC CONCEPTS POINT CONTROL

Howard Smith tests DCC Concepts' products for layout point control.

**C**ontrolling a layout has never been as easy as it is today – the sheer variety of different methods on the market to operate your model has never been better. The same can be said for their quality - dodgy components and cheap looking parts tend to be a thing of the past. But with such a multitude of products to choose from, where on earth do you start?

I'm not going to try and influence your decision in this article, merely test one of the more modern methods of switching points using products from DCC Concepts, kindly supplied by Gaugemaster. Yes, there are other methods out there, but never having used DCC Concepts' system before, curiosity got the better of me! **BRM**



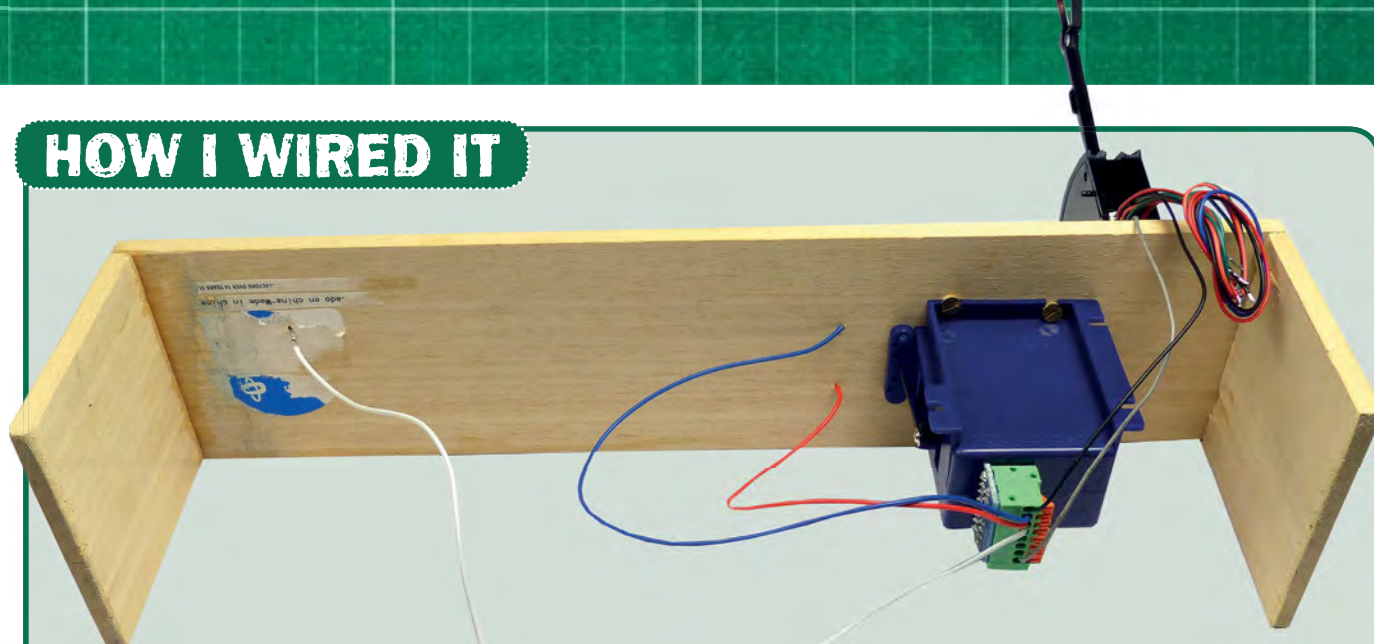
## CREATING THE FROG GAP

Don't forget to cut the wires underneath the Peco point that join the frog to both rails! This must be isolated as we are now switching the frog polarity via the point motor.

All of the accessories were duly applied and the lever as a whole was sprayed gloss black with a can of multi-purpose DIY paint. The top of the ribs were polished with a little wet and dry and the lever soon looked a little less 'plasticky'. Once mounted to a makeshift plinth along with point and motor, it was time to test!



## HOW I WIRED IT



Luckily the motors and switch are provided with quality instructions, so wiring isn't too much of a problem, but just in case you are unsure, here's how I wired mine: Blue wire from rail one to pin 2 of motor. Red wire from rail two to pin 3 of motor. White wire from point frog to pin 4 of motor. Black wire from switch to pin 1 of motor. Grey wire from switch to pin 8 of motor. Red (pin 1 on switch) and blue (pin 6 on switch) to power positive (7-12 V DC). Green (pin 2 on switch) and Orange (pin 5 on switch) to power negative (7-12 V DC).

## COBALT-S LEVER



The Cobalt-S lever can be considered as three different switches in one unit. It can be used for momentary switches such as solenoid point motors, ON-ON applications or for 'double-pole double-throw' switches. As such, it is one of the most versatile switches ever made – specifically designed for use in a model railway environment. The way that the lever closely mimics its real mechanical counterpart is an added bonus.

The inside of a Cobalt-S lever. All contacts are solid brass. A plug to the rear of the lever and wire harness ensures that all wiring to the control panel is as tidy as can be. Cobalt-S levers are also available in six and 12 packs for those who have larger layouts.

Inside the lever packaging along with a spacer for people with large fingers, three fixing screws, a nine-wire harness and a connection PCB, are a series of etched brass lever plates numbered from one to six and two radial metal castings to affix to the top of each lever for a more realistic look.



...it makes the task of layout operation so much more enjoyable!

## CONCLUSION

What to make of such a system then? Well, the motor functions as it should – it is fairly quiet, and its design (top or side mount) makes it equally useful for operating signals as points. It did operate a little slowly at 9V though, so I'd suggest putting the full 12V through them and for each Peco point you use, removing the over-centre spring from under the tie-bar cover.

As for the lever, operating such a device just seems more tactile and 'hands-on' than an ordinary standard small micro switch. Clearly there have to be some compromises in scale for it to work, but once overlooked, it makes the task of layout operation so much more enjoyable!



# WHAT'S NEW?

## 6 THINGS YOU NEED TO KNOW ABOUT THE...

**H**ornby has released the first images of its forthcoming OO gauge LNER/BR J15. The tiny 0-6-0 is only at the initial engineering prototype stage, and will be subject to various alterations and corrections before production starts later this year, but here's what we know so far.

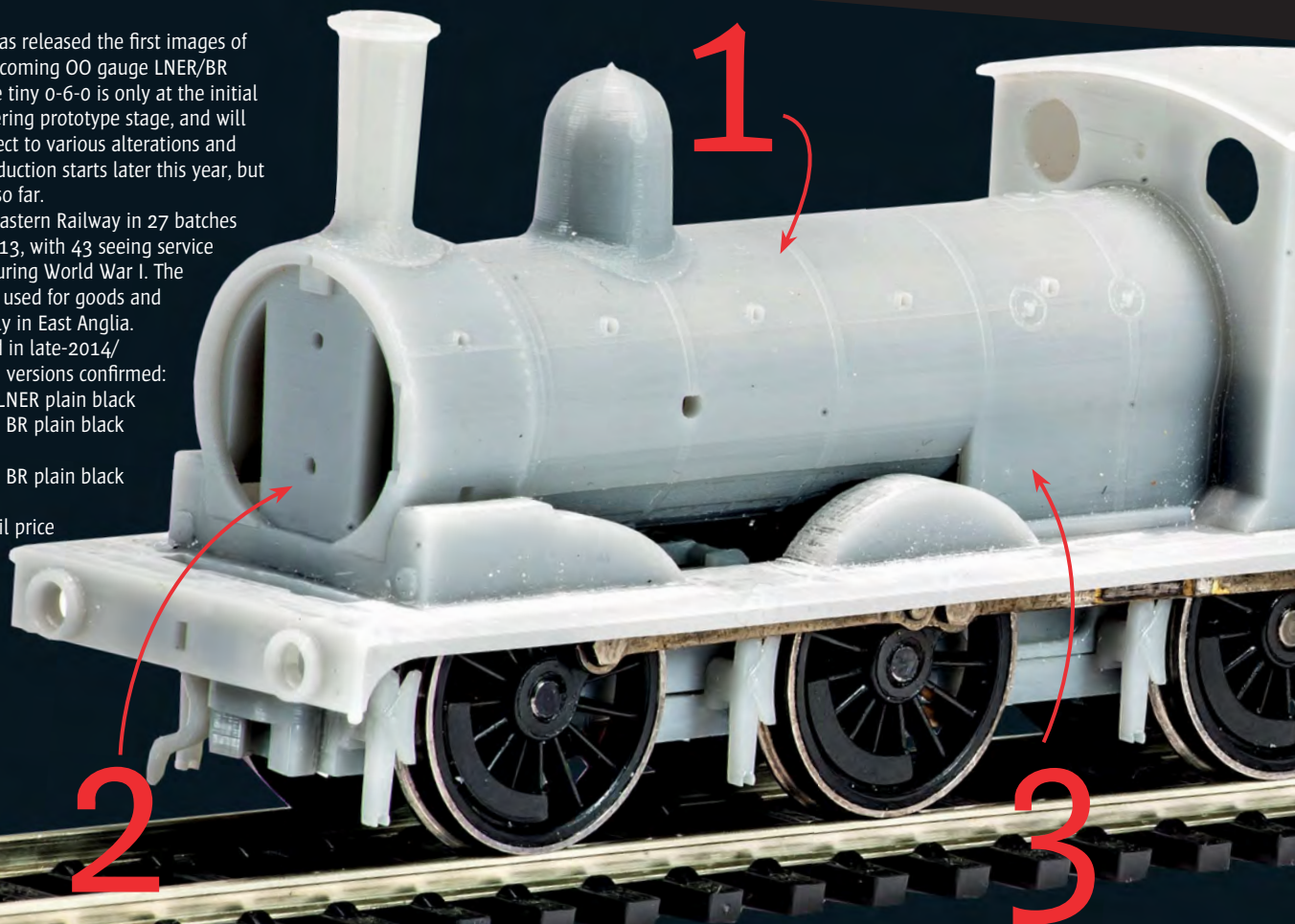
Built by the Great Eastern Railway in 27 batches between 1883 and 1913, with 43 seeing service in mainland Europe during World War I. The 259 locomotives were used for goods and passenger work, mainly in East Anglia.

Delivery is expected in late-2014/early-2015, with three versions confirmed:

- R3230 No. 7562 in LNER plain black
- R3231 No. 65431 in BR plain black with early emblem
- R3232 No. 65476 in BR plain black with late crest

Recommended retail price (RRP) is £109.99.

W [www.hornby.com](http://www.hornby.com)



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Instead of the 'on the door' price of £11.00 per adult, you'll be able to get in for just £5.50\* by booking online from before 9.00am on May 22nd, leaving you even more money to spend on models and accessories!

At the Ricoh Arena, Coventry on September 13/14, it's based around six

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RAILWAY MODELLING  
EXHIBITION  
RICOH ARENA, COVENTRY

'zones' covering technology, painting, scenery, electrics, modelling skills and trackwork. As well as expert demonstrations, there will be around 25 quality layouts, specialist trade support and a theatre featuring talks

by expert modellers hosted by Steve Lamacq from BBC 6 Music. For more see [www.model-railways-live.co.uk](http://www.model-railways-live.co.uk).

**PLEASE NOTE:** Offer runs from May 8th to 9.00am on May 22nd, 2014 and can only be booked via [www.model-railways-live.co.uk](http://www.model-railways-live.co.uk). Offer cannot be used in conjunction with any other discounts. Advance ticket holders also gain early entry and a free showguide. \*Child rate as part of this offer is £2.50 (up to 16 years)





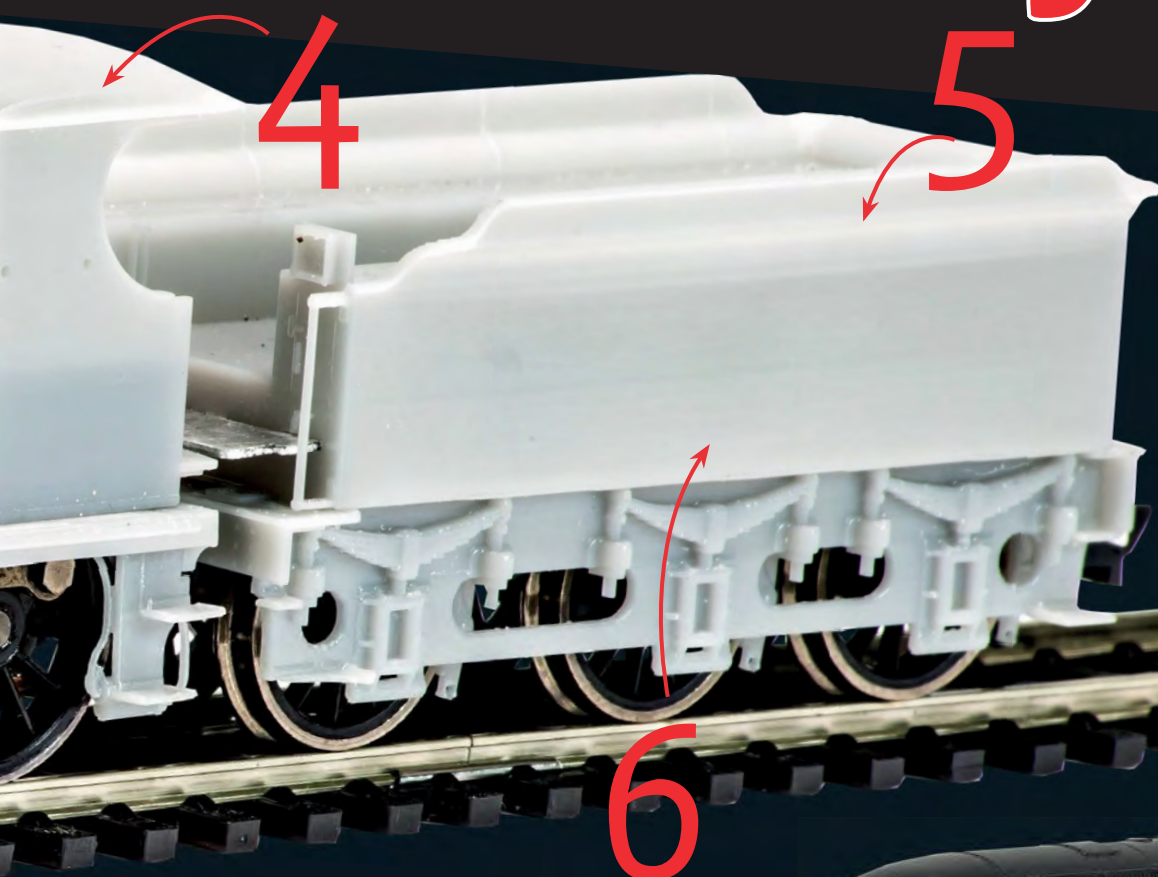
All the latest new products and events happening in the world of railway modelling...

## GET IN TOUCH

If you have a new product that you would like featured, send it to Howard Smith via email: [howards@warnersgroup.co.uk](mailto:howards@warnersgroup.co.uk)



# HORNBY J15



- 1 Production models will have a metal boiler to add weight.
- 2 Choice of LNER and BR smokebox doors to be revealed
- 3 Motor and gearbox in boiler/firebox. This is an unpowered engineering prototype.
- 4 Original style cab for GER/LNER version.
- 5 Post-1926 tender with higher coal bunker sides.
- 6 Decoder socket likely to be located in the tender.

## DAPOL'S GREAT NEW 'GRID'



**R**ecently released are the latest versions of the Class 56 diesel in N gauge. The major change from earlier batches is the revised cab design representing the second batch from 56031 onwards, built by BREL at Doncaster in the 1980s. The models are priced £128.79 each and are available in BR blue, large logo blue, Railfreight Construction sector grey, EW&S red/gold and Colas Rail Freight liveries.

[www.dapol.co.uk](http://www.dapol.co.uk)



**WHAT'S  
NEW?**

# HORNBY'S OLYMPIC 'JAVELIN'



**H**ornby has recently released a new train pack featuring one of the Class 395 'Javelin' EMUs named in 2009 after leading Olympians of our time. Southeastern's 395 004 *Sir Chris Hoy* features an unusual 'signature' style of vinyl nameplate and the train pack consists of a pair of driving cars with two intermediate trailers and is priced at £164.99. [www.hornby.com](http://www.hornby.com)



## KEY INFORMATION

### Venue

► Railex 2014, Stoke Mandeville Stadium, Stadium Approach, Aylesbury, Buckinghamshire HP21 9PP

### Opening times

► Saturday 24th May 10.30-17.30  
► Sunday 25th May 10.00-17.00

### Prices

► Adults £8.00 ► Child £5.00  
On Sunday, two children can be admitted free with a paying adult.

## RAILEX 2014 PREVIEW

**T**he late May Bank Holiday weekend of 24th/25th May, 2014 sees Risborough and District Model Railway Club present its 10th annual Railex Model Railway exhibition at Stoke Mandeville in Aylesbury. Railex is now firmly established as one of the premier exhibitions in the country and this year's show promises the traditional combination of top quality layouts and almost 50 specialist traders.

Guest layouts will include Bath Green Park, Factory Lane Sidings, Gweek North Quay, Dewsbury Midland and Luton & District MRC's 'Great Train Robbery' diorama, as featured in February issue of **BRM**.

A fully updated website [www.railex.org.uk](http://www.railex.org.uk) lists everything about the show including exhibits, traders, parking, plus the free vintage bus to/from Aylesbury station on both days; linking in with Chiltern Railways services from London Marylebone and Princes Risborough.





# 2014 BRM PROJECT LAYOUT!

## INTRODUCING STOKESAY...



Stokesay's baseboards fully assembled for the first time at Telford Railway Modellers Group's HQ. TRMG members assembled behind (from left to right) are: John Waite; Peter Smith; Les Allen; Steve Bennett; Nick Simons and Gordon Roden (Chairman). We'll follow their progress as Stokesay becomes a reality over the coming months.

Following the success of our Black Country Blues layout project in 2012/13, **BRM** and Telford Railway Modellers Group have now embarked on an exciting new joint project.

TRMG submitted the successful bid in our recent competition to win a part-completed N gauge exhibition layout and will document the restoration,

construction and operation of the layout – now named Stokesay – as it progresses over the coming months.

Roughly based on Craven Arms on the Shrewsbury-Hereford-Newport 'Welsh Marches' route in the 1980s, it will eventually feature a wide range of prototypical BR blue era trains, from diesel railcars to heavy steel trains and Class 25s on Crewe-Cardiff trains.

You'll be able to follow the progress of the Stokesay project in regular **BRM** planning and construction articles and through a dedicated blog on RMweb, and you'll be able to see it in action at **BRM** events around the country throughout 2014/15.

If you'd like to join TRMG or know more about the group, email: [info@trmg.org.uk](mailto:info@trmg.org.uk)

## BACHMANN'S ANNIVERSARY PACKAGE

To celebrate its 25th anniversary, Bachmann has produced a limited edition collector's set in OO gauge containing two appropriate locomotives; BR blue 47 164 in Stratford-applied Queen's Silver Jubilee livery from 1977 with large bodyside Union flag, together with BR green ex-LMS 'Jubilee' Class, No. 45552 *Silver Jubilee*. A numbered certificate is also supplied and the set is priced £249.95.

W [www.bachmann.co.uk](http://www.bachmann.co.uk)



## RAPIDO'S 3-D SCAN PARTY

On 24th June, Rapido Trains and Locomotion Models are holding a very special party to announce their eagerly awaited joint project to the public.

Taking place at Locomotion in Shildon, the event will reveal the identity of the new model and undertake a 3-D scan of the NRM prototype to ensure that the model has the correct shape. Rapido's first British model is expected to feature

the company's trademark level of accuracy and an 'insane' amount of detail.

The cost for this event is £10 per person. Children 13 and under go free. Please RSVP by June 17th to ensure your place. For more information or to RSVP, please contact: Pamela Porter, Events Officer, Locomotion: The NRM at Shildon, T: 01388 771445 or email: [pam.porter@nrm.org.uk](mailto:pam.porter@nrm.org.uk)

### At the 3-D Scan Railway Party, you will:

- ▶ see the 3-D scan of the secret new model in progress
- ▶ receive guided tours of vehicles not normally open to the public
- ▶ enjoy a delicious lunch
- ▶ meet Jason and Bill from Rapido as well as the Locomotion team
- ▶ learn about how the newest model trains are designed and built
- ▶ see displays of Rapido and Locomotion models
- ▶ receive a goody bag including exclusive badges and other fun stuff
- ▶ enjoy a great day out at a fabulous railway museum!

## NEWS IN BRIEF



### ▶ CHOCOLATE MILK

The Tutbury Jinny has commissioned Dapol to produce an exclusive run of 200 six-wheel milk tanks in the livery of confectionery giant Nestlé's (© Produits Nestlé SA), which were used to convey milk from the Midlands to London and cream to Cumbria. The models are priced at £17.50 each + £2.80 UK P&P for one or two wagons.

T 01283 814777

A 9 Tutbury Mill Mews, Lower High Street, Tutbury, NR Burton-upon-Trent, Staffordshire DE13 9LU

### ▶ THEY'VE GOT THE POWER

New to the Sankey Scenics range of printed signage packs are early Motive Power depot and goods yard signs. Priced at £2.99 a pack, the signage for MPDs and Goods Yards can even be used into the British Railways period. The set includes some unusual signage together with roster boards to add that extra level of detail.

W [www.sankeyscenics.co.uk](http://www.sankeyscenics.co.uk)

A Sankey Scenics, 16 Norbreck Close, Great Sankey, Warrington, Cheshire WA5 2SX

T 07565 892 209

### ▶ DEMOLITION DERBY

Ancorton Models has produced a ruined house kit for 4mm:1ft scale (OOFH2). As another laser-cut item in its range, complete with assembly instructions, it builds into quite a detailed finished model. A staircase, warning signs, old furniture and plenty of laser-cut rubble and fallen rafters are all included. With a footprint of 39mm (w) x 34mm (l), the kit is priced at £22.00. Another useful little kit is a cattle grid, also to 4mm scale, and priced at £5.99.

E [petekitchin@hotmail.com](mailto:petekitchin@hotmail.com)

T 07570 493 387





# WHAT'S NEW?

# DESIGN UPDATE:

# HELJAN FOR 2015

## WHAT'S PLANNED

### LNER 02 2-8-0

Version 1 - 02/3 with high running plate and 'stepped' LNER tender

- ▶ 3910 - LNER black No. 3965
- ▶ 3911 - Early BRITISH RAILWAYS black No. 63954
- ▶ 3912 - BR black No. 63948 with early emblem
- ▶ 3913 - BR black No. 63952 with late crest

Version 2 - 02/4 with high running plate and 'flush' LNER tender

- ▶ 3920 - LNER black No. 3962
- ▶ 3921 - BR black No. 63983 with early emblem
- ▶ 3922 - BR black No. 63975 with late crest
- ▶ 3923 - BR black No. 63982 with late crest

### Class 05 - Proposed Range

#### Type A

- ▶ 2500 - D2574 in BR green
- ▶ 2501 - D2578 (as preserved) in BR green with wasp stripes
- ▶ 2502 - D2581 in BR green with wasp stripes
- ▶ 2503 - *Cider Queen* as in industrial use

#### Type B

- ▶ 2520 - D2592 in BR green with wasp stripes
- ▶ 2521 - D2600 in BR green with wasp stripes
- ▶ 2522 - D2595 (as preserved) in BR blue with wasp stripes
- ▶ 2523 - DEPARTMENTAL No.88 in BR green with wasp stripes

**H**eljan has released the first computer aided design (CAD) images of three exciting new OO gauge models in development for release in 2015. The LNER Class 02 heavy mineral 2-8-0, GWR 1366

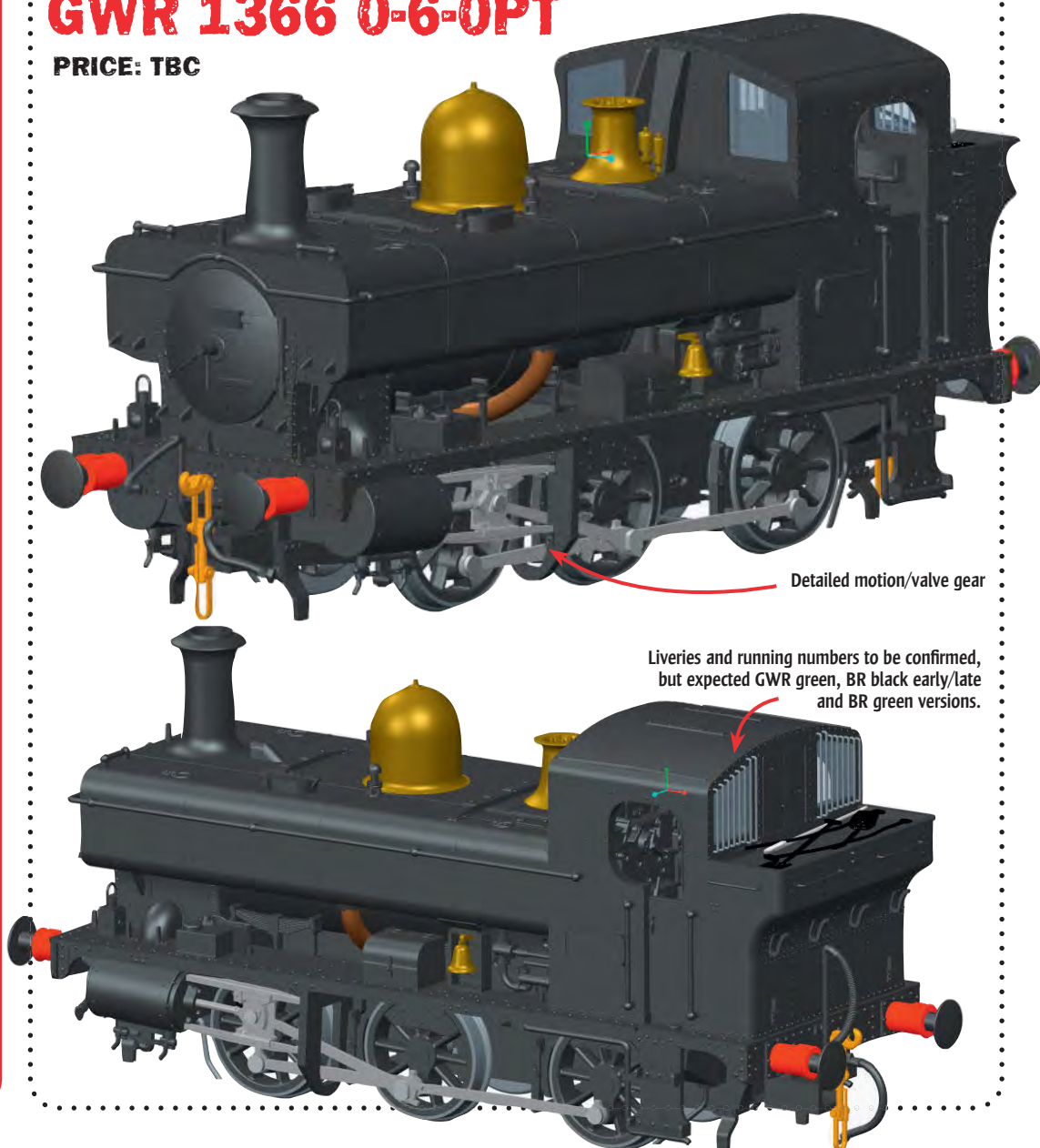
0-6-0PT and Hunslet Class 05 diesel shunter have all been announced for some months, but this is the first chance we've had to see how they will look.

Heljan has also added two further O gauge modern wagons to its programme. The Cargowagon

IWA/IWB bogie ferry van and IGA bogie flat wagon have both been produced in OO gauge for some years, but will now be offered in 7mm scale too. Ideal for use with the forthcoming Class 60, the models are expected to have an RRP of £189.00 each.

## GWR 1366 0-6-0PT

PRICE: TBC



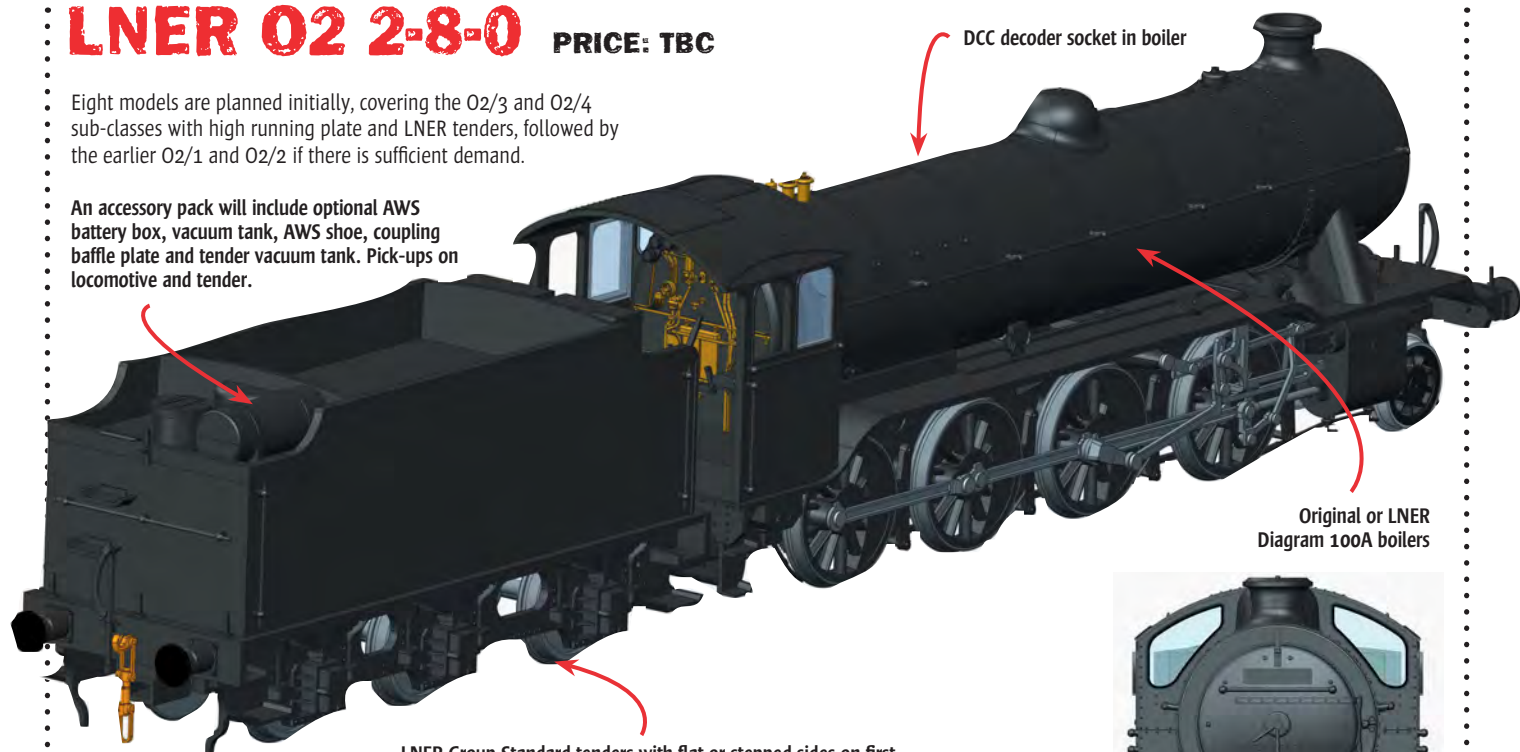


## **LNER 02 2-8-0**

**PRICE: TBC**

Eight models are planned initially, covering the 02/3 and 02/4 sub-classes with high running plate and LNER tenders, followed by the earlier 02/1 and 02/2 if there is sufficient demand.

An accessory pack will include optional AWS battery box, vacuum tank, AWS shoe, coupling baffle plate and tender vacuum tank. Pick-ups on locomotive and tender.



LNER Group Standard tenders with flat or stepped sides on first batch, with GNR and Robinson tenders for 02/1 and 02/2 later.



Speaker chamber in in tender

LNER side-window cab. GNR style cab version to follow later.

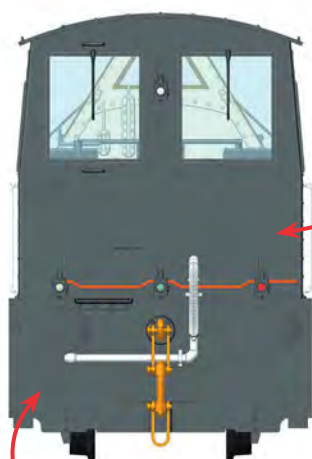


High or low running plate options, according to sub-class and locomotive number.

## **HUNSLET CLASS 05 0-6-0DM**

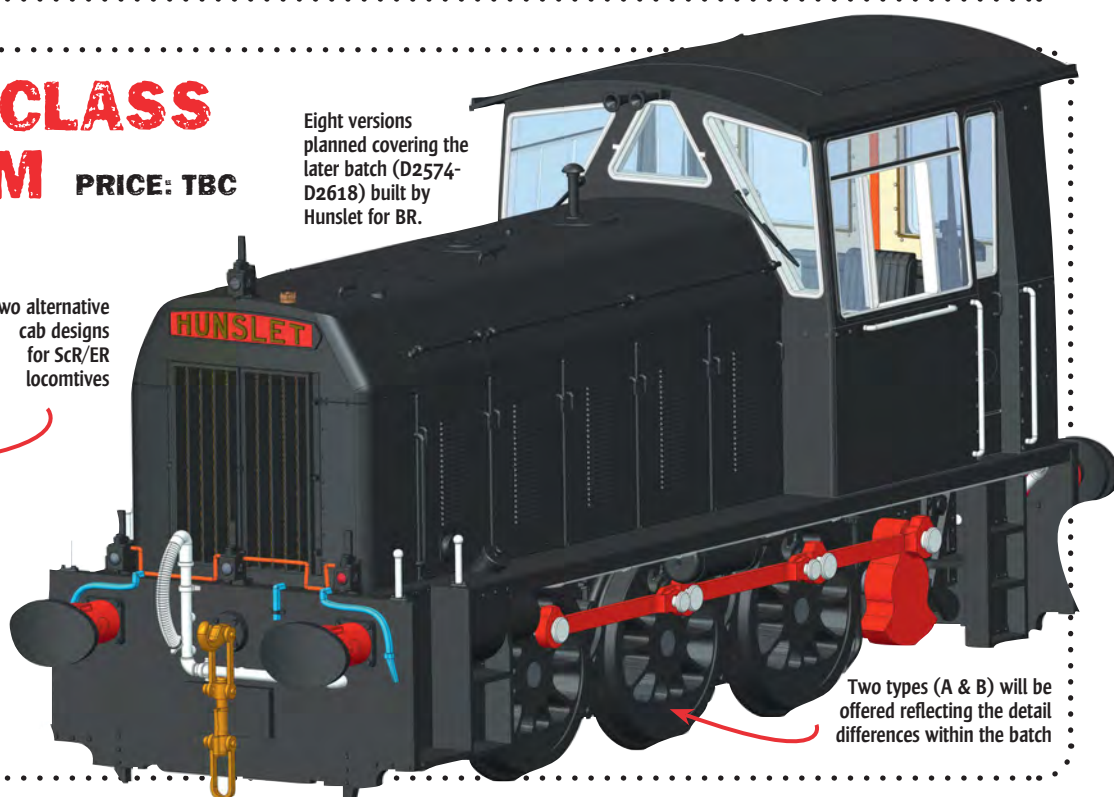
**PRICE: TBC**

Eight versions planned covering the later batch (D2574-D2618) built by Hunslet for BR.



Type A cab

Two alternative cab designs for SCR/ER locomotives



Two types (A & B) will be offered reflecting the detail differences within the batch



# BACK IN BLACK: HORNBY L1

**Tony Wright**  
looks at the  
latest version of  
this superb LNER  
tank locomotive.

I gave this outstanding model a full review in December 2010 BRM when it first appeared late in 2010. Over the last few years several versions have appeared, covering just about every variation. These have included original as-built in LNER apple green through to the contract-built locomotives with their open front foot plating and plate steps. Outstanding attention to detail has included, as

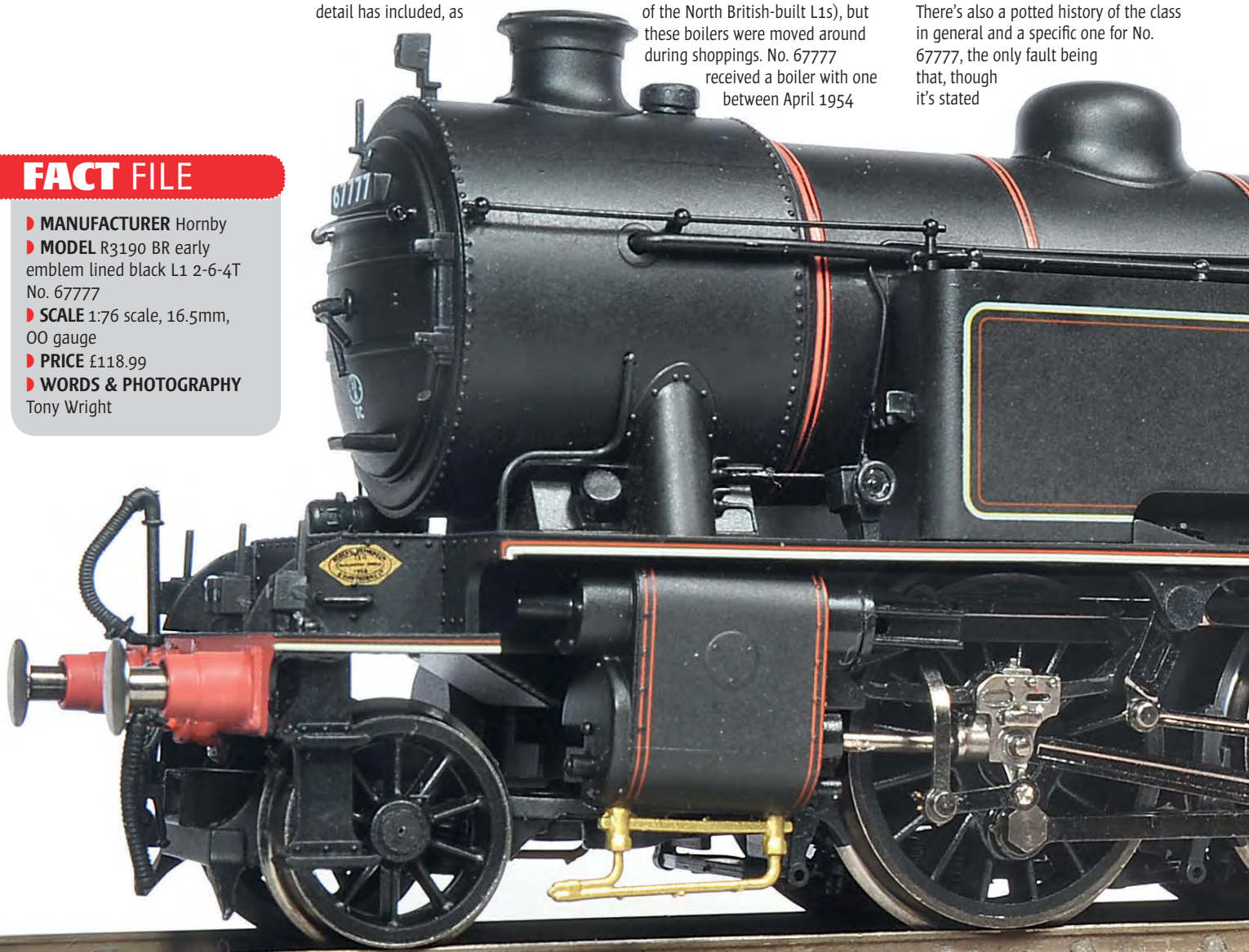
appropriate, open front steps, Westinghouse pump, 'limousine' cab doors (to obviate draughts), destination board brackets and the plate covering the top of the firebox. Thus, as far as I can tell, just about every variation has been covered by the numerous models.

This latest one represents No. 67777, built by Robert Stephenson & Hawthorns in January 1950. It's provided with a cover plate on the firebox (a feature of the North British-built L1s), but these boilers were moved around during shoppings. No. 67777 received a boiler with one between April 1954

and September 1955, which makes this model exactly right for this period – shedded at 51A (Darlington) and carrying the early style of BR emblem. Correctly, the limousine cab doors are not fitted, for these came later. There is a splendid photograph on the back of the model's packaging displaying all the characteristics mentioned – except the real locomotive is filthy and shows signs of a heavy shunt at the front. There's also a potted history of the class in general and a specific one for No. 67777, the only fault being that, though it's stated

## FACT FILE

- ▶ **MANUFACTURER** Hornby
- ▶ **MODEL** R3190 BR early emblem lined black L1 2-6-4T No. 67777
- ▶ **SCALE** 1:76 scale, 16.5mm, OO gauge
- ▶ **PRICE** £118.99
- ▶ **WORDS & PHOTOGRAPHY** Tony Wright





The BR numerals are of the correct size on this model.



This particular model features a cover plate on the firebox, originally a feature of the North British builds.

correctly it was withdrawn from Ardsley at the end of 1962, by the early 1960s the code for that depot was 56B, not 37A.

Everything I've stated about this model previously can be repeated. It really is exceptional – the only thing missing being the tiny conduit on the right-hand side of the smokebox and the step below the buffer on the left-hand side at the rear. The cab ventilators move, two cinder guards are fitted to the cabsides both sides (for forward and backward running) and all the electric lighting equipment is displayed. Buffers are sprung, and the cab detail, though almost invisible, is incredible. The list goes on and on!

The differences in finish between this model and what has gone before are worth highlighting. The rendition of the lining is subtly different from the original BR black version of over three years ago. The boiler

bands are less uniform in their red/red application and the red lining band on tankside/bunkerside/footplate is much less prominent. Indeed, it only shows up in my photographs. However, the bunkerside numbers are now the correct size, the earlier ones were a bit small.

The chassis is slightly different too, inasmuch as the return crank on this model leans the wrong way (backwards) both sides. When I tried to run it, it was very jerky, mainly because the motion resulted in a bit of (almost)

locking up. I undid the bolts holding the cranks and moved them to the correct position, re-tightening as necessary. The result - much better running, though running-in will improve matters further. The illustration of the model on the packaging has the crank position wrong, but I don't know if earlier pictures did the same. Certainly, I cannot recall having to alter the cranks on the earlier models. All the above, livery and chassis differences indicates that a different factory is now being used.

There are the usual extra bits and

pieces for the user to fit. As usual, these didn't fit and holes for cylinder drain cocks and bufferbeam standpipes had to be enlarged. The brake rigging is a real fight to fit as well and I had visions of damage being caused through excessive pliers force.

So, do look out for those odd-fitting cranks (though other examples might work perfectly) and take care when adding the extras. All that said, this is still an absolutely outstanding model. Yes, the price has gone up but it still has all the 'bells and whistles'. In a way, does it represent the end of an era with regard to all that detail at a reasonable price? Thoroughly recommended. **BRM**

**...an absolutely outstanding model. The price has gone up but it still has all the 'bells and whistles'.**





# BACHMANN PCA CE

**OO GAUGE** There has been no shortage of ready-to-run cement wagons over the years, from the Airfix 'Presflo' kit to Lima's PCA and PDA 'karate chop' tanks, now produced by Hornby and Bachmann's superb JPA bogie tanks. Added to that list now is another Bachmann wagon that complements existing products and allows modellers to assemble more realistic block cement trains.

Mainly used in block trains radiating from the main BCC plants at Hope in Derbyshire, Oxwellmains near Dunbar, Westbury, Eastgate in North Yorkshire and Northfleet in Kent, the wagons could be seen almost anywhere between Cornwall and Inverness. Operations in 2014 are more limited, but the Metalair PCAs form the majority of the Lafarge/BCC's remaining two-axle cement tank fleet, now owned and operated by Freightliner Heavy Haul.

components for the air discharge system. Also impressive is the chassis itself with crisply moulded suspension units, separate handbrake wheels, metal buffers and protective wheel guards at the outer ends.

Adorning the tank is a set of access

ladders and walkways allowing staff to reach the two loading hatches on the top of the tank - sticklers for detail will probably replace them with finer etched metal steps and walkways. The hatches are good too, featuring a separate lid and tiny catches and handles.

**Details such as the correct wagon number typeface and hand-painted data panels are part of the character of such wagons.**

Introduced by Blue Circle Cement in 1984/85, the 'Metalair' PCAs were built to replace obsolete vacuum-braked 'Presflo' and 'Cemflo' hoppers. More than 180 were built in four batches by Powell Duffryn and Procor, in co-operation with powder tank specialist Metalair. They differed from earlier PCAs in having a straight, rather than depressed centre tank and had a payload of 38.1 tonnes.

Three versions have been produced, one with large Blue Circle Cement branding on the tank sides and two of the more common plain grey wagons with much smaller identification on a yellow panel just above the underframe, one being lightly weathered.

Starting from the ground up, the underframe is intricately detailed with separately fitted pipework and



# THIS CHARMING VAN

## FACT FILE

**MANUFACTURER** Bachmann  
**SCALE/GAUGE** 1:76 scale, 16.5mm, OO gauge  
**MODEL** BR bauxite (ex-LNER) 10t fish van E183845 (38-577)  
**PRICE** £10.95  
**WORDS** Ben Jones  
**PHOTOGRAPHS** Brett Caines





# MENT TANKS

Although at first glance the PCAs are a simple plain grey, there's more to the decoration the closer you look. Close attention has been paid to getting the right typefaces and weights of lettering for the operating instructions and data panels. Also worthy of close inspection

are the yellow ownership stickers, Metalair badges and repair panels. The weathered model is a subtly different shade of grey, hinting at a layer of cement dust over the darker grey paint.

This PCA is another fine addition to Bachmann's air-braked freight fleet.

A couple could appear in a Speedlink or EWS Enterprise train, but a block train of 15-20 wagons behind a Railfreight Construction sector Class 37 or 60, a pair of BR blue Class 31s or a Class 66 will be an impressive addition to any layout set from the mid-1980s onwards. **BRM**

## FACT FILE

**MANUFACTURER** Bachmann  
**SCALE/GAUGE** 1:76 scale, 16.5mm OO gauge  
**MODEL** Blue Circle Cement grey PCA 'Metalair' cement tank (pristine) BCC11137 (38-651), Blue Circle Cement PCA 'Metalair' cement tank, weathered grey BCC11038 (38-652)  
**PRICE** £14.15 (£15.65 weathered)  
**WORDS** Ben Jones  
**PHOTOGRAPHY** Brett Caines

See page 98 for more on cement tanks



**OO GAUGE**

**T**o the untrained eye, one steam era van may look much like another. But take a closer look at a goods train of the period and you'll see an endless variety in shape, design and detail that makes them a fascinating subject for modellers. We're not short of covered vans in OO gauge today, thanks to the efforts of Bachmann, Hornby and Dapol, but the former has released yet another important variation on its LNER standard 10ft wheelbase van theme.

In late-2010, the first examples of these superb vehicles appeared, giving LNER/ER/NER modellers the 12t ventilated and 'Fruit' members of the family. These have now been joined by the long-awaited 10t 'Fish' variant; a vital piece of the jigsaw for those wishing to model the famously fast fish trains from East Coast ports to London's markets. Ideal for use with Bachmann's B1 4-6-0, K3 2-6-0 and V2 2-6-2, as well as various LNER 'Pacifics' and Hornby's 'Britannia', it is available initially in three guises. Shown here

...it's the second all-new fish van released in recent months, and it is superior in every respect.

is E183845 in late 1950s BR bauxite complete with 'XP' lettering denoting that it is passed to run in passenger trains at up to 60mph. Also available now is an early-1950s bauxite van and an LNER red oxide version. Although many enthusiasts associate BR fish vans with being painted white, this practice was short-lived, being introduced in the late 1950s, only a few years before the traffic was lost to road haulage.

In many respects, the model is similar to its ventilated and fruit-carrying sisters, particularly below the floor, where the same superbly detailed underframe is used.

The new van body has plain, planked, rather than vented ends (to keep the fishy odour in as much as

possible!), separate vacuum brake pipes and metal buffers. New features on the van sides include a panel at the left hand end for consignment paperwork and the cast iron 'FISH' plate on the door. Look out for the extremely neat iron strapping at each corner of the body.

This is the second all-new fish van released in recent months, although

it is in every respect superior to the sadly deficient Hornby BR 'Blue Spot' van of late last year.

BR-era modellers wanting to run more prototypical trains would be advised to mix these new Bachmann wagons with Dapol or Parkside 'Blue Spot' fish vans, as well as Dapol BR meat vans, 'Conflat' wagons loaded with white insulated containers and bogie vans such as the Hornby Southern 'Van B', LMS 50' BG or forthcoming LNER 6w extra long CCT.

Another impressive expansion of the steam era van fleet and one that is sure to be popular with the considerable number of East Coast Main Line modellers in OO gauge.

**BRM**

## WANT TO KNOW MORE?

See **LNER Wagons Volume 4A: LNER Standard Designs** by Peter Tatlow (Wild Swan Publications, ISBN 978 1905 184958, rrp £33.95). Available from all good railway bookshops or Wild Swan, 1-3 Hagbourne Road, Didcot, Oxon OX11 8DP, telephone 01235 816478 (£3.75 P&P)



# GRAHAM FARISH

## CLASS 55

## DELTIC

### FACT FILE

- ▶ **MANUFACTURER** Graham Farish by Bachmann
- ▶ **MODEL** 371-286 BR two-tone green Class 55 diesel D9002 *The Kings Own Yorkshire Light Infantry*
- ▶ **SCALE** 1:148 scale, N gauge
- ▶ **PRICE** £99.95
- ▶ **WORDS** Ben Jones
- ▶ **PHOTOGRAPHY** Brett Caines

**Ben Jones** examines this brand new release which is likely to prove very popular with diesel era modellers in 2mm scale.

If any class can lay claim to being 'King of the Diesels', it is the hugely popular Class 55 'Deltics'. Thanks to their high-speed exploits, evocative names and the spine-tingling sound of twin Napier gunboat engines, they have an enthusiast following greater than that of almost rivals the Gresley 'Pacifics' which they replaced.

It's no surprise then that they've been the subject of numerous ready-to-run models over the last five decades, starting with Hornby-Dublo in 1961.

In N gauge, Graham Farish introduced a model in 1984 which, as one of the better diesels in the range, was re-introduced after the Bachmann takeover. However, with the gradual overhaul of the Graham Farish range, the 'Deltic' was always a prime candidate for replacement.

First to appear is D9002 *The Kings Own Yorkshire Light Infantry* in 1960s BR green with yellow warning panels, as applied to D9020/21 from new and to the rest of the class from around 1962 onwards. Also promised are D9007 *Pinza* in two-tone green without yellow ends and BR blue 55 005 *The Prince of Wales Own Regiment of Yorkshire*.







**Is it the best British N gauge diesel model to date?  
You'd be hard pushed to find a better one for less than £100!**

Like the Graham Farish prototype 'Deltic' released a couple of years ago, the Class 55 is immediately impressive. What strikes you initially is its great length – at almost 70' it's nearly as long as a Mk.3 coach – but closer inspection reveals just how much better it is than the old Farish 'Deltic'.

The distinctive bulging nose has been depicted beautifully, with the tapered sides and the subtle backwards slope of the nose end captured perfectly. Windscreens are a fraction too small (always a problem with model English Electric diesels), but the pronounced seam between them is visible. Those nose ends blend seamlessly into an accurately profiled bodyside with its gently curved tumblehome.

External detail is impressive, particularly the four etched metal roof grilles and four-character headcode

panel. Separate wire nose handrails are very neat too. The sliding engine room windows and grilles have also been reproduced faithfully with polished aluminium frames.

Detail is appropriate for the mid-1960s, with the two additional engine room ventilation grilles included above the nameplates, cast – rather than fabricated – bogie frames and cabside quarterlight windows still in place. D9007 *Pinza* will be in a similar condition, while 55 005 will correctly have the quarterlights plated over.

The superbly detailed bogies are among the finest to date on a ready-to-run N model, and are new tooling, rather than shared with DP1 or the Class 37. The gap between the top of bogies and the body has been kept to a minimum without impairing performance – in this respect, the Graham Farish model is superior to

Bachmann's OO gauge version. This has been achieved by fitting undersized wheels (6.1mm diameter, as opposed to 7.3mm), but the visual effect is well worth the compromise. You only need to look at the relatively recent Farish Class 37/0 (see next month's review) to see what a difference it makes.

Minimum recommended curve radius is 12" although Graham Farish states that the model will negotiate 9" (263.5mm) curves if required. Detachable couplings are mounted in NEM pockets discreetly moulded into the front bogie framing. For those wishing to cut off the NEM pocket and fit the optional bufferbeam details, a spare bogie frame is supplied. Extra details include plastic vacuum, air and steam heating pipes and dummy couplings.

The low-profile chassis block houses a centrally-mounted five-pole motor and drives shafts/gears to all six axles.

A six-pin DCC decoder socket is fitted, along with illuminated headcode panels and red tail lights.

Printing is outstanding, from the English Electric worksplates on the cabsides to the large regimental nameplates, correct condensed typeface numbers and BR crests. Application of the two-tone green livery with yellow warning panels is very good too, with just a hint of fuzziness where the two shades of green meet around the curved corners of the nose.

Despite the high specification, the recommended retail price is remarkably good value when compared to other recent RTR diesel models. It's certainly on a par with the Graham Farish prototype 'Deltic' and better value for money than Dapol's gorgeous 'Western'. Is it the best British N gauge diesel model to date? You'd be hard pushed to find a better one for less than £100! **BRM**



The changes made to the bogie wheel diameter means that the model sits lower on its bogies, making for a more powerful and purposeful-looking locomotive.



## HOW TO USE...

# SIEG XO MICRO DRILL/MILL

**Mick Nicholson** tests this versatile machine tool from Arc Euro Trade.

Once you get beyond assembling the most basic of kits, a drilling machine of some sort is a necessity. Arc Euro Trade offers a premium machine with a small footprint, but of sufficient power for most modelling tasks - the Sieg X0 Micro Mill/Drill - measuring only 289 x 165mm (10 1/2" x 6 1/2").

The machine comes in kit form so needs some assembling - just follow the instructions supplied. Cleaning is required to remove traces of grease and dirt - a wipe over with a paper towel soaked in methylated spirit. Then, to prevent any rust, lightly wipe



Digital depth readout (measured in metric or Imperial)

## FACT FILE

- ▶ **MODEL NAME:** X0 Drill/Mill
  - ▶ **AVAILABLE FROM:** Arc Euro Trade Ltd, 10 Archdale Street, Syston, Leicester LE7 1NA
  - ▶ **TEL:** 0116 269 5693
  - ▶ **WEBSITE:** [www.arceurotrade.co.uk](http://www.arceurotrade.co.uk)
  - ▶ **PRICE:** X0 Micro Mill (080-030-00100) £197.95 (plus £12.00 carriage); Work Table Metric (090-060-00200) £108.20; ER11 Collet Chuck Set with six Metric collets (050-110-11500) or six Imperial collets (050-110-11510) £43.20; 24pc Clamping Kit (130-010-00100) £29.77; JT1 Chuck Removal Wedges (040-030-00105) £5.00.
  - ▶ **BOOKS:** Vertical Milling in the Home Workshop (WPS2) and Milling - a Complete Course (WPS35) £6.95 each.
- See advertisement on p137, website or catalogue for full listings.

the cleaned column with an oil soaked towel. All tools necessary are supplied.

With the machine cleaned and assembled, the final job is to fit the drill chuck to its spindle. The chuck is a push fit, ensure both it and the spindle are dirt free, otherwise the spindle may be bruised or scored or, worse still, the chuck may come detached. The chuck holds drills ranging in size from 0.4mm to 6mm (1/64" to 1/4"), more than adequate for all 4mm and 7mm scale modelling work.

Apart from drilling clear holes, it is also possible to drill to a pre-determined depth. On the front face of the drilling head (Part No.1) is a digital read-out which can be set to read metric (two decimal places) or Imperial (three decimal places). By means of an 'Index Ring' (Part No.7 Handle Socket) it is also possible to set the machine for repetitive depth drilling.





## THE WORK, OR X/Y TABLE

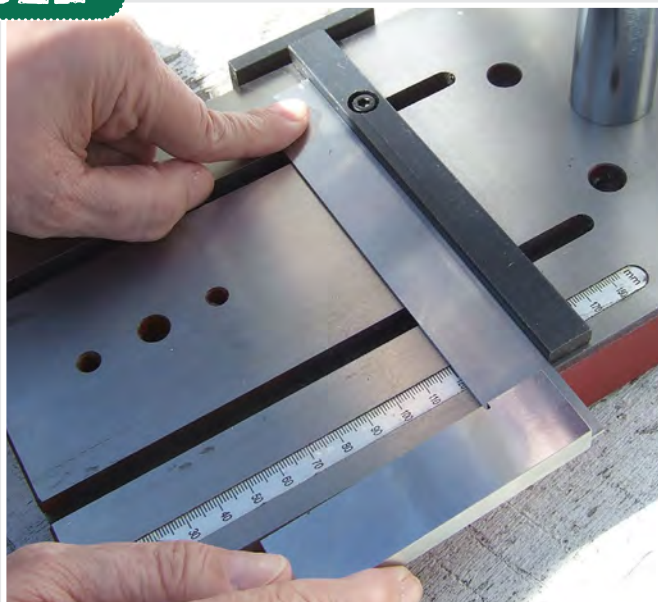
**T**he addition of a 'work table' increases versatility and allows precision drilling to an accuracy of 0.02mm. Work tables are available calibrated in either Imperial or metric - for model railway work I suggest the latter. The table requires a thorough clean and adjustment - wash each part off with methylated spirit and before reassembly lightly oil. Following this, the 'gib strips' will need adjustment. A suitable wrench and Allen key are supplied with the basic machine. Correctly adjusted 'gib strips' ensure no excessive play in either axis.

The assembled table is fixed to the cast base (Part No.8 'Base') by means of two 6mm cap head screws and 'T' nuts. The latter fit inside the two 'Tee slots' machined in the drilling machine base. The table locates against an adjustable metal bar (Part No.9 'Parallel Bar') and this, similarly, is also secured with a 6mm cap head screw and 'T nut'. Described and illustrated as a parallel bar, in practice this part is a small 'T' square. Press the 'stock' hard up against the left-hand edge of the base casting and secure in place with the aforementioned screw and 'T' nut.

Push the work table hard up to the 'blade' or parallel piece and secure in place - it is now ready. The bottom feed wheel, directly facing you is the 'Y' axis. Turning this clockwise and the table will move towards the back of the machine. Conversely, turning it anti-clockwise moves the table towards the front. One complete turn of the wheel moves the table exactly 1mm. Fifty divisions are engraved on the thimble, so turning the wheel through one division advances the table 0.02mm.

Fixed to the 'Y' axis table and at exactly 90° to it, is the work table itself, and it is to this that the workpiece is secured. The top table moves from left to right and *vice versa* - this is known as the 'X' axis. The feed wheel and screw are identical to that described above, though now, turning the wheel clockwise moves the table to the left and turning it (the feed wheel) anti-clockwise to the right.

Both feed wheels are 'zeroable', that is to say the graduated thimble can be restored to zero at anytime. To do this, hold the feed wheel firmly with your right hand then using your left hand twist the thimble to zero. An



Checking the parallel bar.

additional aid is a 60mm + 60mm rule fitted to the front edge of the top or 'X' axis table.

When using the 'X/Y' table to plot hole positions, it is imperative the drilling head is not moved. This also applies when milling.

Along the rear edge is a 'Fence'

which projects both below and above the table. The lower edge engages in one of the 'T' slots and thus ensures the table is set true. Similarly, a work piece can also be accurately located true to the machine axis by using the upper part of the 'Fence' as a register.

## AS A MILLING MACHINE

050-110-11500 ER11 Collet Chuck Set.



**T**o convert the drill to a milling machine, in addition to the 'X/Y table', an ER11 collet chuck plus suitable collets are required. The chuck can be purchased separately or complete with a set of six collets. The collets range from 1mm-6mm in 1mm steps, though the actual clamping range is 0.5mm below the nominal size. For example, a nominal 1mm collet will hold work between 0.5mm and 1mm and so on. To fill in the gaps, there are 1.5mm through to 5.5mm collets, with a 7mm one also available. There is also a full range of Imperial collets, 15 in all, ranging from 3/64" through to 17/64" in 1/64" steps.

To convert the drill to a mill, first remove the drill chuck; do not prize it off with a screwdriver, use a proper pair of 'wedges'. Place one each side of the spindle and push together, this

creates a wedge action and safely drives the chuck off the spindle. Do not allow the chuck to drop on to the drill table. With the drill chuck removed, the milling chuck can now be fitted; also a push fit. Again ensure both the chuck and spindle are clean and free from swarf. The milling chuck is secured by a 4mm cap head draw screw and special washer, the spindle already being drilled and tapped to accommodate it. The collet fits inside the chuck and retained by the 'collet nut'.

Tightening this nut draws the collet down on to its seat and at the same time grips the milling cutter shank. Two spanners (16mm and 17mm - not supplied) are required, the former fits the chuck body and the latter the collet nut. It is important the collet is first correctly fitted into the nut before screwing it to the



040-030-00105 Jt1 Chuck Removal Wedges

chuck. The groove in the collet locates on the eccentric flange in the nut and is used to release the collet from the chuck taper. If the collet is just fitted in the chuck taper and tightened with the nut, the collet may not run true, the eccentric flange inside the nut will be damaged, or the collet

will jam in the chuck. Do not attempt milling using the 'handle' to lower the cutter. Instead set the machine in 'Fine Feed' mode - the 'Z' axis or depth of cut is set by turning the 'Fine Feeding Wheel' (Part No.13). Turning clockwise puts on, and anti-clockwise takes off the cut.



130-010-00100 24pc Clamping Kit.



HOW TO ENHANCE A LAYOUT WITH...

# REDUTEX & POPPY'S WOODTECH

## REDUTEX

## STEP-BY-STEP GUIDE

**Redutex**

Redutex is a Spanish company that initially catered for the needs of architects when a miniature mock-up of a building complex or development was necessary. So repetitive was the task of finishing the exteriors of each individual building that the owner of the business, Eduardo Garcia, created a simple to apply, 3D flexible texture that he later began to retail in mainland Europe.

The range incorporates numerous types of floors, walls and roofs, all pre-coloured in a variety of shades for scales spanning from N to Gauge 1.

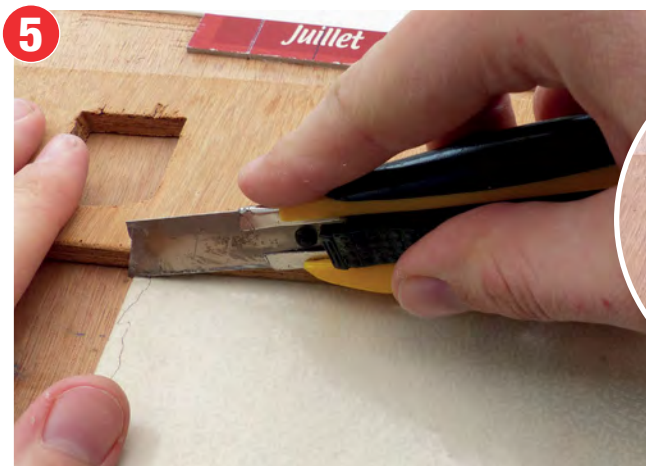
I was somewhat surprised that nobody had actually heard of Redutex in the UK and so shortly after joining **BRM**, I decided to make a few telephone calls. Today the product range continues to grow steadily and it is now imported in the UK by two outlets: Model Textures and DCC Supplies.



This is the rear of the warehouse wall, cut from 9mm thick plywood. In order to cut out the apertures, I first drilled four holes before using a jigsaw and finishing with a file.



Redutex produces a sheet (ref 148MP112) that closely resembles some of the local stone used throughout the walls and buildings at Penmaenmawr. The tint will need changing.



Once applied to the wood, the adhesive soon grips, but won't fully cure for another 24 hours. Excess is trimmed on either side.



The use of a smaller bladed scalpel helps to negotiate around the smaller areas. From one sheet of Redutex, very little waste is produced if you plan your cuts carefully.



Shifting attention to the station area of his North Wales layout project, **Howard Smith** tests some new products.

*Photographs by the author*

**N**o matter how long you look at something, be it an 'on the go project', or even just an idea, they never seem to progress by themselves - my project layout Penmaenmawr has been in its current state for too long now due to other commitments. It is time to see some progress, and what better a way to do this than to try out some new products in the process? **BRM**

## PROTOTYPE INSPIRATION



Penmaenmawr station of LNWR design is only a mere shadow of its former self, situated on the North Wales Coast line running from Holyhead to Crewe. The main station building (right) is closed and the goods warehouse (left) was demolished leaving only the rear wall standing. Passengers are left with the delights that a modern bus shelter has to offer - wonderful in winter! David Ford



Redutex has a sticky-back rear, protected by a thin layer which is peeled away, much in a similar fashion to double-sided adhesive tape - easy!



The edges of each sheet require trimming in order to form a straight line. For this a steel rule and a sharp knife is required.



Now turning over the wall, careful adjustments are made to tidy the surrounding edges of each aperture - again using a scalpel to 'shave' bits off at a time.



Voila, one wall surface made simple with Redutex. There are a few metres of such like on the layout, so this process saves much time!

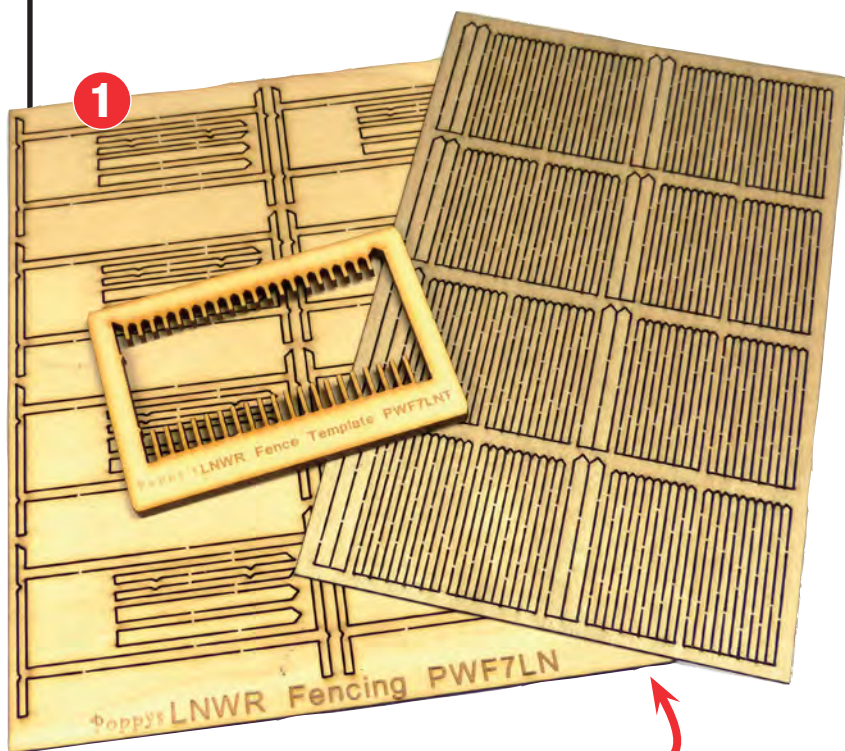
See the completed wall in a future issue of BRM.

**POPPY'S WOODTECH**

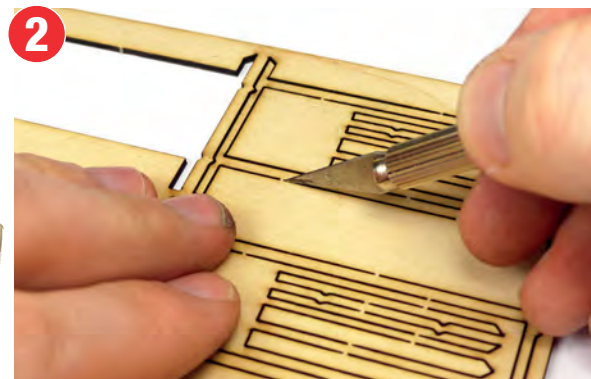


## POPPY'S WOODTECH

### STEP-BY-STEP GUIDE



This is the LNWR fencing kit from Poppy's (ref: PWF7LN). The template is also a handy tool as it ensures that the spacing between palings is uniform throughout.



The parts are cut precisely with a laser, but tabs still remain in place. In order to free the parts, a scalpel is used – some filing of the tabs is later required.



Instant drying of the glue means that the fence can be removed from its surrounding template. It is a tight fit, but with a bit of encouragement, the panel is soon free.



Poppy's Woodtech is a range of laser-cut wood products and the firm is a relative newcomer to the model railway market having started trading in 2013.

To date, the business has produced items that are made from wood in reality, such as wagon inserts, fencing and platform valances for most bygone major railway companies, so as to improve the look of models or cater for gaps in the market.

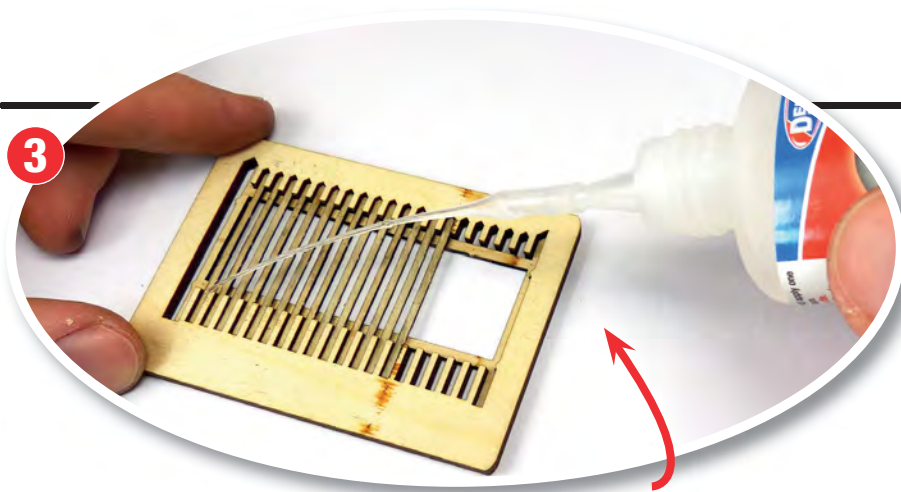
It is certainly a useful range to bear in mind if you have a station or require a certain quantity of fencing on a layout somewhere.

## PROTOTYPE INSPIRATION

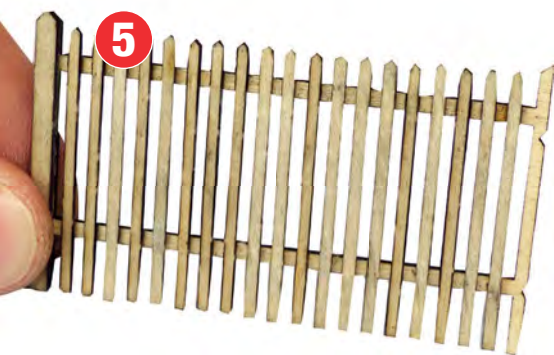


The fences around Penmaenmawr station (right of picture) are very much of LNWR appearance, even though they have been replaced in more recent years. The challenge of replicating these is made very much easier by Poppy's Woodtech range of laser-cut items. © Dave Sallery





My now favourite superglue, 'Roket Hot' from Deluxe Materials. Its super-fast drying time means that the fence can be glued in a matter of seconds. The large nozzle of the bottle makes pouring the glue between the fence palings a tricky task without gluing them to the template. A Deluxe fine 'Tip' is used - another useful product to bear in mind!



Once out of the jig the (yet to be painted), but assembled article can be observed. The wood 'look and feel' is there, but the burn marks need disguising.



The fence panels on Penmaenmawr station are somewhat shorter than these and so a small amount of wood requires trimming from the bottom of each.



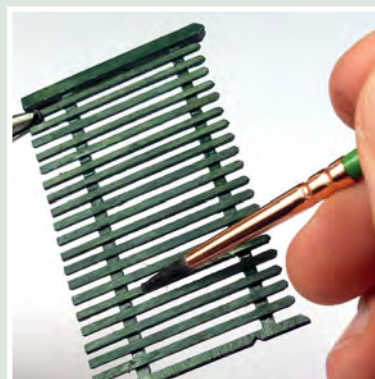
Once installed you can see how the panels and gate can easily transform an area. The panels to the right have yet to be painted to hide the burn marks, but still retain some of the wood colour. All in all, I think they look quite the part.



A selection of green Humbrol paints. But which one to choose? Always tone down colours slightly when painting models. I settled for Matt 245.

## SHOULD YOU WISH TO PAINT THEM GREEN...

The gates at the yard shunter's hut were green, so let's see how easily this fence takes paint.



Due to the rather glossy nature of the wood surface, the gates require two coats of paint. Apply two thin even coats of paint rather than just one thick coat that will run everywhere.

## USEFUL CONTACTS

### REDUTEX

Kindly supplied by Model Textures:

**W** [modeltextures.co.uk](http://modeltextures.co.uk)

**E** [ralpc@modeltextures.co.uk](mailto:ralpc@modeltextures.co.uk)

Also available from DCC Supplies (for details see advert)

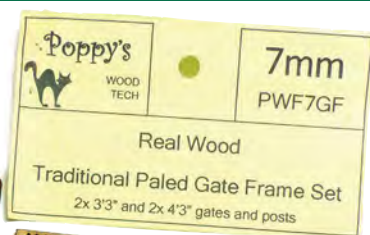
### POPPY'S WOODTECH

Available from M&M models.

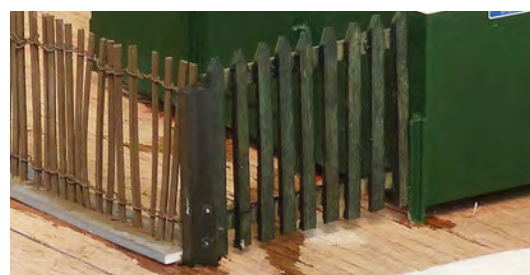
**W** [www.modelrailwaywagons.co.uk/Malbut.htm](http://www.modelrailwaywagons.co.uk/Malbut.htm)

**E** [poppys.woodtech@virginmedia.com](mailto:poppys.woodtech@virginmedia.com)

## ADDING A GATE



This kit (PWF7MTT) assembles into a wooden gate, so typical of the many that were seen around station environments. Each pack contains two sets of two different gates.

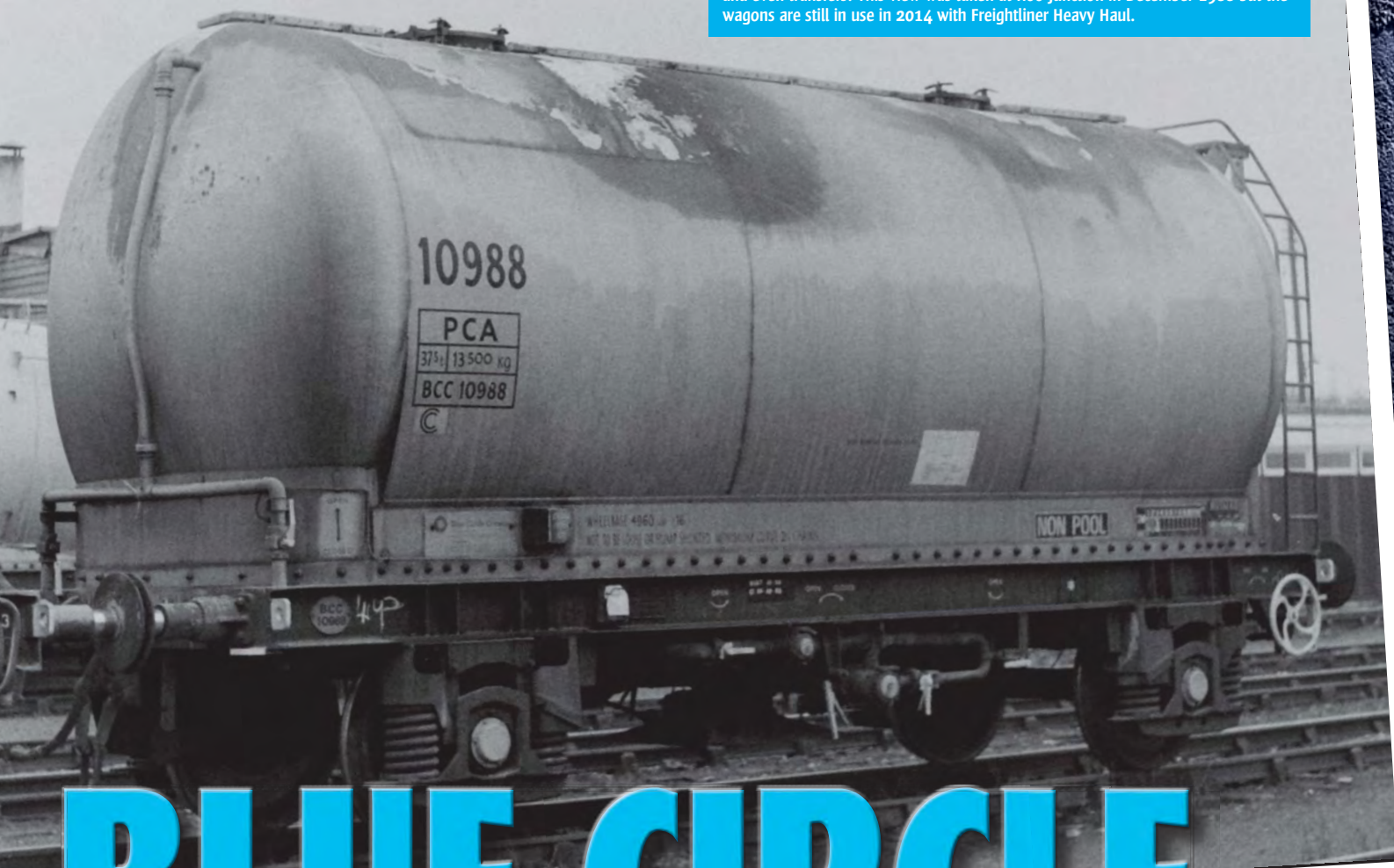


The gate is now glued into position. This gate is not the identical one supplied with the kit - the two horizontal bars were scratch-built from scraps around the sheets as the gates at Penmaenmawr were slightly different - no doubt due to their age, having been replaced. This is easily done though - such is the versatility of the Woodtech kits that parts can be mixed and matched.

Look out for more progress on Penmaenmawr in future issues of **BRM**.



BCC10988: The joint Powell Duffryn/Metalair design, now offered by Bachmann in N and OO, is rather less aerodynamic than the French type, although perhaps better than the single 'Chevron'. Interestingly, a roof walkway and paired ladders at one end were provided. Note that Blue Circle had by now totally abandoned nameplates and even transfers. This view was taken at Hoo Junction in December 1988 but the wagons are still in use in 2014 with Freightliner Heavy Haul.



# BLUE CIRCLE CEMENT TANKS

With Bachmann's new Metalair PCA tank now on sale, freight expert **David Larkin** explains the development of bulk cement wagons operated by Associated Portland Cement Manufacturing.





**LA223:** As well as the differences between the two LA batches mentioned in the text, this wagon has a different suspension. Modifications were made after the Thirsk derailment and this may not be the original. Tri-ang/Hornby produced a OO gauge model of this type from 1966 until the mid-1970s and it can still be obtained second hand at reasonable prices.



**APCM8560:** Although demoted from the Cliffe-Uddingston service after the Thirsk accident, the LA type served on other services for the next 20 years. Note that this class had no access ladders for loading in local yards. All Blue Circle cement works had loading towers to access the two roof hatches. Unloading was carried out through the vent below the solebar. Taken at Hope Cement Works on 14th August 1983.

**C**alled various titles in its time but most frequently referred to by its 'Blue Circle' brand name, the APCM company occupies a prominent place in British railways freight stock history. When the railways were nationalised in 1948 and most wagons were absorbed by BR, it retained a fleet of elderly iron-bodied vans as 'Non Pool' stock.

It was the intention of the Labour Government of Clement Attlee to have all freight commodities transported by government-controlled organisations such as British Railways, British Road Services and British Waterways. Larger industries, such as Blue Circle, resisted this and helped fund the Conservative Party which won a Parliamentary majority in the 1951 General Election.

Blue Circle invested in a large fleet of road vehicles to carry bagged products and, in due course, cement in bulk. However, the 1950s road system was not suitable for long-distance haulage and the

company was an early user of the BR 'Presflo' design. Blue Circle also took delivery of over 200 of its own 'Presflo' wagons from 1960 onwards.

The company was not totally satisfied with the 'Presflo' and decided to commission its own modern design for a new long-distance run from Cliffe, in Kent, to Uddingston on the outskirts of Glasgow. This vacuum-braked type was designated 'Light Alloy' with numbers prefixed LA. The first batch was built in 1961 by Gloucester Railway Carriage & Wagon Ltd. They were numbered LA0001 to LA0190 and were registered BR W 23T 1-190. From the side, they resembled liquid tanks but the hopper was below the side sheeting.

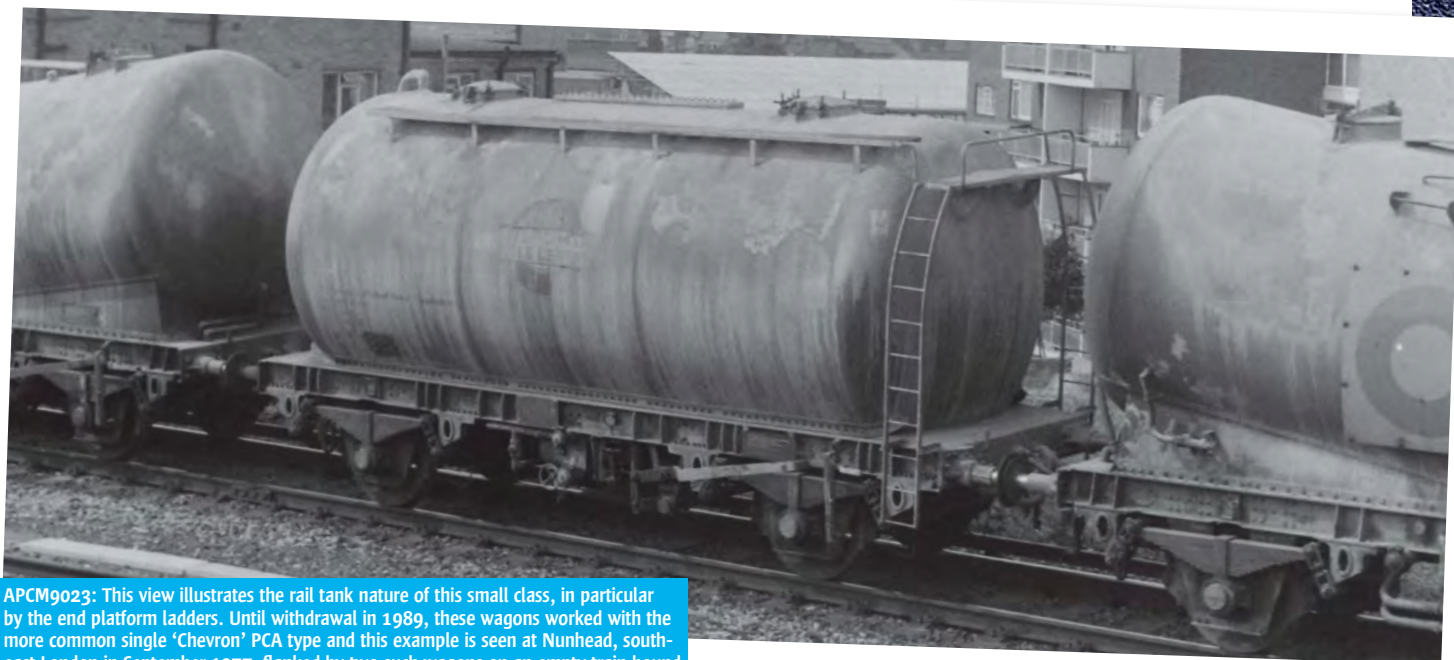
Two further batches were built by Metropolitan Cammell in 1963/64 and had metal nameplates and circular slots in the solebar. These were numbered LA200-224 [registered BR M185222-246] and LA225-274 [registered BR M185510-559].

The daily block train of LA wagons was a regular

sight on the East Coast Main Line in the early 1960s, usually hauled by a pair of Southern Region BRCW Type 3 diesels.

Under BR's TOPS computer system, the LA class was coded PCV with the Gloucester wagons being numbered APCM8301-490 and the Metro-Cammell vehicles numbered APCM8500-74. A significant number remained in 1989, working between Hope and Oxwellmains, but all had been retired by 1992.

Interestingly, Blue Circle went next to a Swedish firm, Interconsult, for its next wagons. They were also hired, from French company Algeco. The body was much more cylindrical. They remained Algeco property, numbered 2486 to 2505. Under TOPS they became



**APCM9023:** This view illustrates the rail tank nature of this small class, in particular by the end platform ladders. Until withdrawal in 1989, these wagons worked with the more common single 'Chevron' PCA type and this example is seen at Nunhead, south-east London in September 1977, flanked by two such wagons on an empty train bound for either Northfleet or Swanscombe cement works in North Kent.



# PROTOTYPE INSPIRATION

**APCM BV 089:** Even the van design, whilst not being subjected to bulk loading, became covered in cement dust. In April 1968, this example was probably only two years old but the lettering is barely legible. The four brand nameplates around the main symbol are, clockwise from bottom left, WALCRETE, SNOWCEM, SANDTEX and CULLAMIX. These plates are red on yellow and the van is loaded with bags of the various commodities on pallets.

ALG9080-99, coded PCF. Exactly how long Blue Circle used them is unclear but, by 1976, they were carrying soda ash for ICI Mond Division.

Blue Circle then tried out two British-built designs with air braking. Standard Wagon Works of Heywood produced a prototype in 1967 [DP101, later APCM9020, registered BR M 187992] and followed up with a small production batch in 1969 [DP102-105, later APCM9021-24, register BRB0081-84].

The familiar 'Chevron' or 'depressed-centre' design bulk cement wagon was initially built by Metro-Cammell. Brake gear was again air brakes with vacuum through-pipes as many trains still employed the latter system. Some had large nameplates as seen on the bogie version covered below but others had an old-style transfer. Four batches were built [DP300-19, later APCM9025-43, built in 1966/67 and registered BR M 187368-387; DP320-25, later APCM9044-49, built in 1968 and registered BR M 188263-268; DP326-40, later APCM9050-65, built in 1968 and registered BR M 188788-802; DP341-50, later APCM9066-75, built in 1969 and registered BRB 0086-95]. All were withdrawn by 1992 and there is no evidence of the chassis being re-used.

The next development for Blue Circle was a bogie 'Double Chevron' design also built by Metro-Cammell. Two tanks were mounted on a long chassis

supported by two Gloucester pattern bogies. Brakegear was air only.

Records state that they were owned by Lloyds & Scottish and they certainly carried that company's Thistle symbol. However, as can be seen on page 101, BRT plates were carried by the first deliveries. Original numbers were 20174-240 [built 1969/70 and registered BRB 435-501]. Under TOPS, they became LS9700-66; later BCC9700-66. TOPS code was PDA and, by 1992, some were working between Ipswich and Sizewell power station.

Blue Circle owned the next batch from new, numbered DPB400-49 [later APCM9500-49]. These were built 1971/72 and registered BRB 1976-2025. They also had large nameplates when new.

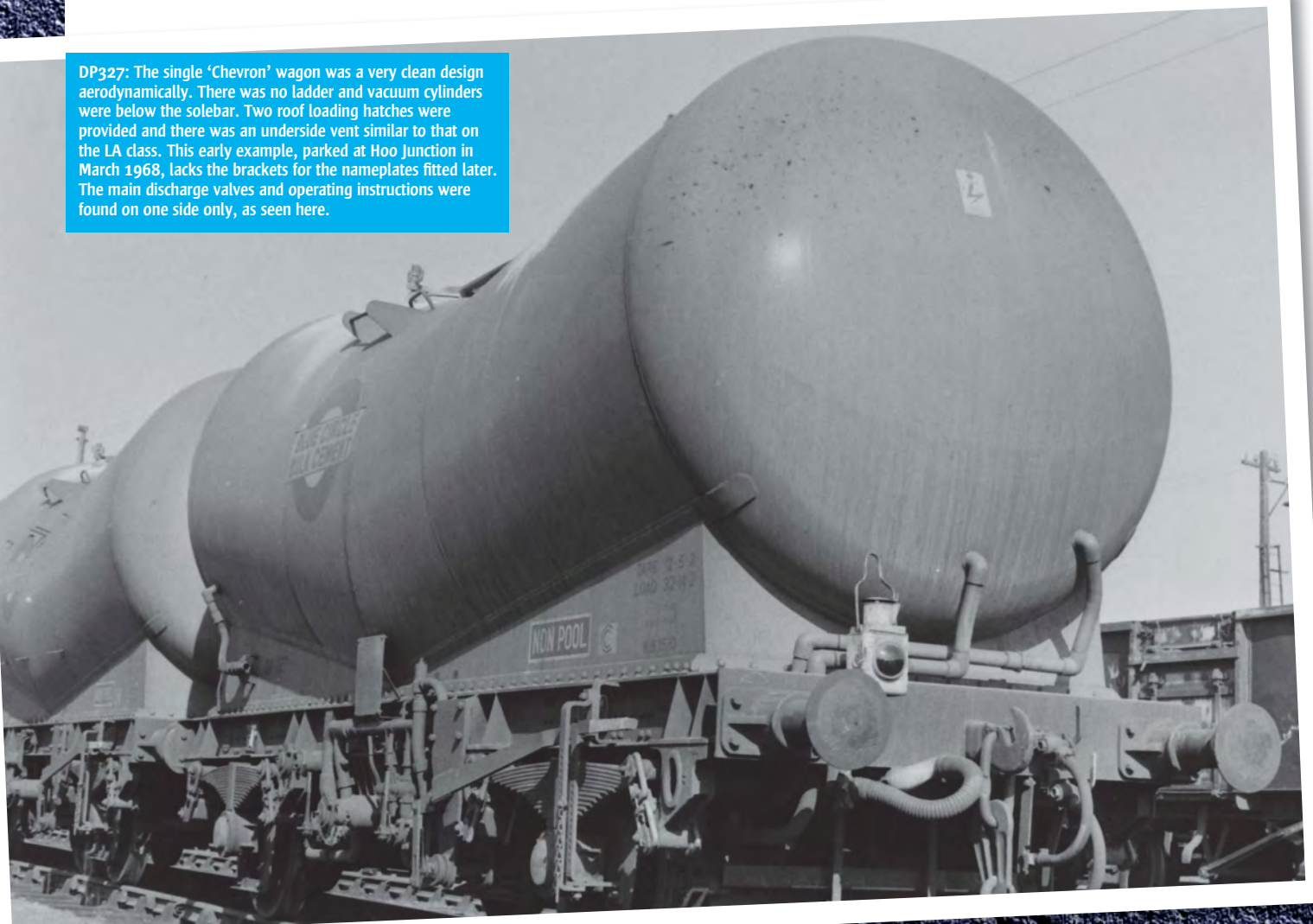
The 'Double Chevrons' were useful to Blue Circle on the long Scottish runs. Northfleet took over from smaller works such as Cliffe, and handled the Uddingston traffic. It was decided to build further single 'Chevrons' and the company went to former BR

railway workshops.

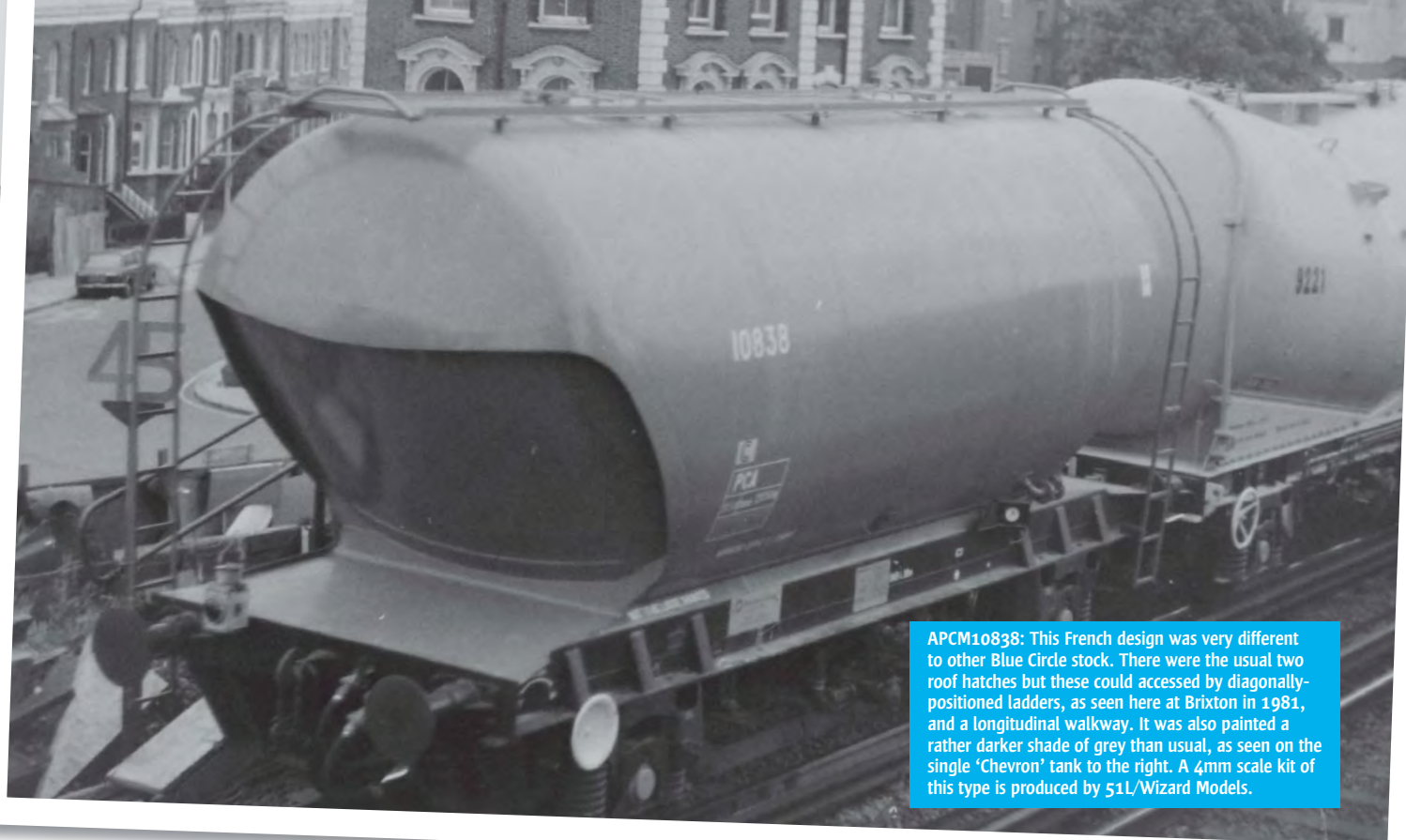
These BREL-built wagons had the same bodywork but were air-braked only and had Gloucester Floating-axle suspension. They were also slightly longer in the wheelbase. Wagons were no longer registered and batches were APCM9100-235 [built at BREL Shildon in 1973/74], APCM9236-394 [built by BREL Doncaster in 1975-77], APCM9395-99 [Shildon, 1977], APCM9425-34 [Shildon, 1977], APCM10700-737 [Shildon, 1979/80] and BCC10738-837 [BREL Ashford, 1981]. All were still working in 1992.

Blue Circle tried out a small batch from a European builder in 1980. These wagons worked, and continue to work, with other four-wheeled stock but they were not repeated. The builder was CFMF and the wagons were numbered APCM10838/839-849.

**DP327:** The single 'Chevron' wagon was a very clean design aerodynamically. There was no ladder and vacuum cylinders were below the solebar. Two roof loading hatches were provided and there was an underside vent similar to that on the LA class. This early example, parked at Hoo Junction in March 1968, lacks the brackets for the nameplates fitted later. The main discharge valves and operating instructions were found on one side only, as seen here.







**APCM10838:** This French design was very different to other Blue Circle stock. There were the usual two roof hatches but these could be accessed by diagonally-positioned ladders, as seen here at Brixton in 1981, and a longitudinal walkway. It was also painted a rather darker shade of grey than usual, as seen on the single 'Chevron' tank to the right. A 4mm scale kit of this type is produced by 51L/Wizard Models.



**APCM9106:** Another heavily-weathered wagon is this example of the later single 'Chevron' type with Gloucester floating-pedestal suspension seen at Nunhead in August 1981. The brake gear was upgraded, air brakes replacing vacuum, which did away with the cumbersome equipment beneath the tank. Blue Circle rather gave up on the idea of nameplates and symbols because they could not be kept clean. Small commodity plates were added for special cements and this example has SULFACRETE in red on yellow. Originally produced by Lima in OO gauge, the PDA has more recently been released by Hornby in various liveries and is offered by Graham Farish in N.

Further batches of single 'Chevrons' followed, these being BCC10850-942 [Procor 1981/82], BCC10943-986 [Standard Wagon, 1981] and BCC10987 [Procor, 1982].

The final design for Blue Circle was a joint venture between Powell Duffryn and Metalair, a powder tank specialist. BCC10988 was built as a single 'Chevron' and was converted in 1984. This vehicle is recorded on page 98. It was followed by a large production batch from 1984-87 numbered BCC10989-11141 and, as far as I am aware, no further wagons have been acquired by Blue Circle.

As a footnote, the company also purchased a batch of long-wheelbase vans from Standard Wagon to carry bags of specialist cement. BV 001 was built in 1964 and registered BR M 185297. It was followed by a production batch numbered BV 002-096 [built 1964-66 and registered BR M 185580-674].

They were renumbered APCM6201-96 and coded PVV. By 1983 they had been returned to Standard Wagon for conversion to open wagons.

**BRM**



**BRT/L&S 20177:** The PDA bogie double 'Chevron' wagon was a very substantial design with two single tanks mounted on a bogie underframe. Discharge valves were on one side only and a ladder was provided to pass across the middle of the wagon if necessary. This April 1969 view shows one on delivery, probably to Northfleet cement works, at Hoo Junction. Originally produced by Lima in OO gauge, the PDA has more recently been released by Hornby in various liveries.





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## EXHIBITIONS

### SATURDAY 10TH MAY

**ALSRM Reading Show** The Rivermead Centre Reading RG1 8EQ **Saturday:** 10.00am - 4.30pm **Prices:** £9.00 adult **Contact:** Phil Abbott **Tel:** 01953 850800 **Web:** [www.alsrm.org.uk](http://www.alsrm.org.uk)

**Pontypridd Model Railway Exhibition** Crown Hill Community Centre, Llantwit Fardre CF38 2NA **Saturday:** 10.00am - 4.00pm **Prices:** £3.00 adult **Contact:** Phil Gerrish **Tel:** 01443 217511

**South West Herts MRS Watford** Queens School, Aldenham Road, Bushey, Hertfordshire WD23 2TY **Saturday:** 10.00am - 4.30pm **Prices:** £5.00 adult, £10.00 family (2 + 2) **Tel:** 01707 873729 (eves only) **Web:** [www.southwesthertsmrs.org.uk](http://www.southwesthertsmrs.org.uk)

**Area 10 South East Gauge 0 - Temple Ewell Dover** Temple Ewell Village Hall, Temple Ewell, Nr. Dover **Saturday:** 10.00am-4.00pm **Tel:** 01304 822850 **Email:** [g.roberts93@ntlworld.com](mailto:g.roberts93@ntlworld.com)

**Victory MRC** Admiral Lord Nelson School, Dundas Lane, Portsmouth, Hampshire PO3 5XT **Saturday:** 10.00am - 5.00pm **Prices:** £4.50 adult, £3.50, concessions, £9.00 family (2 + 2) **Contact:** Mike Reed **Tel:** 07854 636159

### SATURDAY 10TH MAY TO

### SUNDAY 11TH MAY

**Stockport Model Railway Exhibition** Stockport Grammar School, Buxton Road, Stockport, Cheshire SK2 7AQ **Saturday:** 10.00am - 5.00pm **Sunday:** 10.00am - 4.00pm **Prices:** £5.00 adult, £4.50 concessions **Tel:** 07895 838029 **Email:** [Exhibition@sdrm.co.uk](mailto:Exhibition@sdrm.co.uk)

**Cleethorpes Model Railway Exhibition** Memorial Hall, Grimsby Road, Cleethorpes, Humberside DN35 8AH **Saturday:** 10.00am - 5.00pm **Sunday:** 10.00am-4.30pm **Prices:** £3.50 adult, £1.50 child, £2.00 OAP, £2.00 concessions, £8.00 family (2+2) **Tel:** 07935 762320 **Web:** [www.cleethorpesmodelrailway.co.uk/events.htm](http://www.cleethorpesmodelrailway.co.uk/events.htm)

**Glenrothes Annual Model Railway Exhibition** Lomond Centre, Woodside Way, Glenrothes, Fife KY16 8XF **Saturday:** 10.00am - 5.00pm **Sunday:** 10.30am - 5.00pm **Prices:** £4.00 adult, £2.00 child, £10.00 family **Tel:** 01334 475311 **Email:** [aandj36@tiscali.co.uk](mailto:aandj36@tiscali.co.uk)

**50th Salisbury Model Railway Exhibition** Michael Herbert Hall, South Street, Wilton, Wiltshire **Saturday:** 10.30am - 4.30pm

**Sunday:** 10.00am - 4.00pm **Prices:** £4.00 adult, £2.50 child **Tel:** 7903936801 **Web:** [www.sswrs.org.uk](http://www.sswrs.org.uk)

**Derby Model Railway Exhibition** Moorways Sports Centre, Moor Lane, Allenton, Derby, Derbyshire DE24 9HY **Saturday:** 10.00am - 5.00pm **Sunday:** 10.00am - 5.00pm **Prices:** £6.00 adult, £15.00 family (2 + 2) **Contact:** Alex Hall **Tel:** 07973 640746 **Web:** [www.mmr.org.uk](http://www.mmr.org.uk)

### SATURDAY 17TH MAY

**Bloxwich (St John's) Model Railway Exhibition** St John's Methodist Church, Victoria Avenue, Bloxwich, Walsall, West Midlands WS3 3HS **Saturday:** 10.00am - 4.30pm **Prices:** £4.00 adult, £3.00 concessions **Tel:** 01922475557 / 07970390258 **Email:** [bloxwichstjohnsmrc@orangehome.co.uk](mailto:bloxwichstjohnsmrc@orangehome.co.uk)

**Marlow, Maidenhead & District MRC** Knowl Hill Village Hall, The Terrace Knowl Hill, Maidenhead, Berkshire RG10 9XB **Saturday:** 10.00am - 5.00pm **Prices:** £4.00 adult, £3.00 child (5-16yrs), £4.00 OAP, £4.00 concessions, £10.00 family (2+4) **Contact:** Nigel Spate **Tel:** 01628 822848 **Email:** [nigel.spate@icloud.com](mailto:nigel.spate@icloud.com) **Web:** [www.facebook.com/MarlowMaidenheadDistrictModelRailwayClub?ref=hl](http://www.facebook.com/MarlowMaidenheadDistrictModelRailwayClub?ref=hl)

**Lutterworth RS** Lutterworth Sports Centre Lutterworth, Leicestershire LE17 4RB **Saturday:** 10.00am - 4.30pm, **Prices:** £4.00 adult, £1.50 child, £8.00 family **Tel:** 01455 203307 **Web:** [www.lutterworthrailwaysociety.webplus.net](http://www.lutterworthrailwaysociety.webplus.net)

**Burgess Hill MRC** Burgess Hill School for Girls Keymer, Burgess Hill, West Sussex RH15 0EG **Saturday:** 10.00am - 5.00pm **Prices:** £5.00 adult, £3.00 child, £13.00 family (2 + 2) **Tel:** 01444232638 **Web:** [www.burgesshillmrc.org.uk](http://www.burgesshillmrc.org.uk)

**Ely & District MRC** City of Ely Community College, Downham Road, Ely, Cambridgeshire CB6 2SH **Saturday:** 10.30am - 5.00pm **Prices:** £5.00 adult, £4.00 concessions **Tel:** 01480454857 **Web:** [www.elymrc.org.uk](http://www.elymrc.org.uk)

**Mirfield Model Railways Exhibition** St. Mary's Church Community Centre, Church Lane, Mirfield, West Yorkshire WF14 9HU **Saturday:** 10.00am - 4.00pm **Prices:** £3.50 adult, £2.00 child **Tel:** 01924 495929 **Email:** Mr. Dransfield@BTinternet.com

**South Downs Area Group of the 7mm NGA SWING (Small & Wonderful Industrial & Narrow Gauge)** St. Mary's Centre, Grassmere Close, Felpham, Bognor Regis, West Sussex PO22

**7NU Saturday:** 10.00am - 4.30pm **Web:** <http://swing.model-railway.org.uk/>

### SATURDAY 17TH MAY TO SUNDAY 18TH MAY

**expoEM 2014** Bracknell Leisure Centre, Bagshot Road, Bracknell, Berkshire RG12 9SE **Saturday:** 10.30 - 5.30pm **Sunday:** 10.00am-4.30pm **Prices:** £6.00 adult, £2.00 child, £16.00 family **Web:** [www.transportdirect.info](http://www.transportdirect.info)

**Four Marks Model Railway Exhibition** Four Marks Village Hall, Lymington Bottom, Four Marks, Hampshire GU34 5AA **Saturday:** 10.00am - 5.00pm **Sunday:** 10.00am - 4.00pm **Prices:** £4.00 adult, £2.00 child, £2.50 OAP, £8.00 family (2 + 2) **Tel:** 01420 563853

**Manchester Museum of Transport MRX** Museum of Transport, Boyle Street, Cheetham Hill, Manchester M8 8UW **Saturday:** 10.00am - 5.00pm **Sunday:** 10.00am - 5.00pm **Prices:** £6.00 adult, £5.00 concs **Tel:** 7796176018 **Web:** [www.lydcc.org.uk](http://www.lydcc.org.uk)

**Middlesbrough MRC** Newport Settlement and Community Centre, Union Street, Middlesbrough **Saturday:** 10.00am - 5.00pm **Sunday:** 10.00am - 4.00pm **Prices:** £5.00 adult, £3.00 child, £4.00 concessions, £10.00 family (2 + 2) **Tel:** 1642802892

**Scunthorpe Modern Image Group** St Pauls Church Hall, Ashby High Street, Scunthorpe, Lincolnshire DN16 2JR **Saturday:** 10.00am - 5.00pm **Sunday:** 10.00am - 4.00pm **Prices:** £3.00 adult, £2.00 child (5-16yrs), £8.00 family (2 Adults 2 Children) **Email:** [peterfawcett125@yahoo.co.uk](mailto:peterfawcett125@yahoo.co.uk)

**Rother Valley Railway Supporters Association** Robertsbridge Village Hall, Station Road, Robertsbridge, East Sussex TN32 5DA **Saturday:** 10.00am - 5.00pm **Sunday:** 10.00am - 5.00pm **Prices:** £3.00 adult, £1.00 child

### SUNDAY 18TH MAY

**Braintree & Halstead MRC** Great Yeldham Transport Museum, Toppesfield Road, Great Yeldham, Essex CO9 4HD **Sunday:** 10.00am - 4.00pm **Prices:** £3.00 adult **Tel:** 01787474412 **Email:** [sknight@porvair-sciences.com](mailto:sknight@porvair-sciences.com)

### FRIDAY 23RD MAY TO SATURDAY 24TH MAY

**First Bangor MRC** First Bangor Presbyterian Church Halls, Main Street, Bangor, County Down BT20 4AG Northern Ireland **Friday:** 7.00pm -



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John Hooper

SCENES FROM THE PAST 151

MANCHESTER TO CREWE

PART TWO

LONDON ROAD

(PICCADILLY)

TO WILMLOW  
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E. M. JOHNSON

## LINCOLNSHIRE

AFTER BEECHING



Graham R. Jelly

SCENES FROM THE PAST 152

SOUTH FROM

CHESTERFIELD CENTRAL

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MANCHESTER, SHEFFIELD & LINCOLNSHIRE RAILWAY

PART TWO A



KEN GRAINGER

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THE DISPERSED LINES OF THE  
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PART TWO B



KEN GRAINGER

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THE

CAMBRIAN

MAIN LINE

WHITCHURCH CHALPS TO ARDREYTHORP  
VIA GRESLEY AND WILKINS



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STEAM MEMORIES ON SHED : 1950's - 1960's

GT. MANCHESTER ENGINE SHEDS



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D FOR DIESELS : 5

A REVIEW OF BR'S EARLY DIESEL FLUITS



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STEAM MEMORIES : 1950's - 1960's

EAST COAST MAIN LINE : 4



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D FOR DIESELS : 4

A REVIEW OF BR'S EARLY DIESEL FLUITS



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# WIGAN SUMMER 2014

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KINMUNDY by Martin Jones, 'EM' Blue Diesel Period 1971  
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# EVENT DIARY

9.30pm **Saturday:** 10.00am - 5.00pm **Prices:** £5.00 adult, £2.00 child (under 13yrs), £3.00 OAP, £3.00 concessions, £10.00 family (2+2) **Tel:** 2891467891 **Web:** www.firstbangomrc.co.uk

## SATURDAY 24TH MAY

**Bridlington (Area) Railway Modellers and Train Enthusiasts Society (BARMATES)** Christ Church Hall, Quay Road, Bridlington YO15 2AP **Saturday:** 10.00am - 4.00pm **Prices:** £2.50 adult, £1.20 child, £2.00 concessions **Tel:** 01262 603309 **Web:** www.bmr.org.uk

**Hayle MRC** Hayle Daycare Centre, Commercial Road, Hayle, Cornwall TR27 4DE **Saturday:** 10.00am - 5.00pm **Sunday:** 10.00am - 4.00pm **Prices:** £3.50 adult, £2.00 child (under 5s free), £2.50 OAP, £2.50 concessions, £8.00 family (2+2) **Tel:** 01736 757679 **Web:** www.haylemrc.org.uk/exhibitions.htm

**Mid-Kent MRG Gravesend East MRX** Riverview Junior School, Cimba Wood, Gravesend, Kent DA12 4SD **Saturday:** 10.00am - 5.00pm **Prices:** £3.00 adult, £1.50 child, £7.50 family (2 + 2) **Tel:** 07595 255150 **Email:** info@dakotadibben.co.uk

## SATURDAY 24TH MAY TO SUNDAY 25TH MAY

**Kingswood MRG** Kingswood Primary School,



See the amazing Scottish Study Group's Alloo at this year's Railex, Risborough & District's MRC's excellent show at the Stoke Mandeville Stadium, Aylesbury on May 24/25, 2014. Tony Wright

Bushy Grove, Kingswood, Kent ME17 3QL **Times** 10.00am - 4.00pm **Prices:** £3.00 adult, £1.00 child **Tel:** 01622 843132

**New Forest MRS** Brockenhurst Village Hall Highwood Road, Brockenhurst, Hampshire SO42 7RY **Saturday:** 10.00am - 5.00pm **Sunday:** 10.00am - 4.30pm **Prices:** £4.00 adult, £2.50 child, £10.50

family (2 + 2) **Tel:** 01425 673668 **Web:** www.nfmrs.co.uk

**RAILEX Risborough and District MRC** Stoke Mandeville Stadium, Harvey Road, Aylesbury, Buckinghamshire HP21 9PP **Saturday:** 10.30am - 5.00pm **Sunday:** 10.00am - 5.00pm **Prices:** £8.00 adult, £5.00 child **Tel:** 01296 437475 **Web:** www.rdmrc.nildram.co.uk

## SUNDAY 25TH MAY

**North Devon Model Railway Show** Pannier Market Hall, Market Street, Bideford, Devon EX39 2DL **Sunday:** 10.00am - 4.00pm **Prices:** £3.00 adult, £1.50 child, £7.50 family (2 + 2) **Contact:** Maurice Pearce **Tel:** 01237 423453

## SATURDAY 31ST MAY

**The Association of South Essex Railway Modellers** St Marys Church Hall, 376 High Road, Benfleet, Essex SS7 5HL **Saturday:** 10.00am to 4.00pm **Prices:** £3.00 adult, £0.00 child **Contact:** Robin French **Tel:** 01277 225206 **Email:** robinsnest.french@btinternet.com **American Toy & Model Railway Show** Trinity Methodist Church, Narborough Road, Leicester, Leicestershire LE3 2RD **Saturday:** 10.30am - 4.00pm **Prices:** £2.50 adult, £1.50 child, £5.00 family **Contact:** Paul Draycott **Tel:** 0116 2334843

**West Wiltshire Gauge O Group Southwick Model Railway Show** Southwick Village Hall, A361 Frome Road, Southwick, Wiltshire BA14 9QN **Saturday:** 10.00am - 4.30pm **Prices:** £4.00 adult, £2.00 child, £9.00 family **Contact:** Rod Towler **Tel:** 01380 831147

## SATURDAY 31ST MAY TO SUNDAY 1ST JUNE

**East Lancashire Model Railway Organisation Charity Exhibition** The Masonic Hall, Hawksham Avenue, Darwen, Lancashire BB3 1QZ **Saturday:** 10.00am - 5.00pm **Sunday:** 10.00am - 4.00pm **Prices:** £4.00 adult, £2.00 child, £2.00 OAP, £2.00 concessions, £10.00 family **Tel:** 07585762627 / 07914713038 **Email:** e-coup@ntworld.com

**Exeter Model Railway Exhibition** Matford Centre, Matford Park Road, Exeter EX2 8FD **Saturday:** 10.00am - 5.30pm **Sunday:** 10.00am - 4.00pm **Prices:** £6.50 adult, £5.50 concessions **Contact:** Paul Doran **Tel:** 01392 421906 **Email:** highfieldcoachworks@hotmail.com **Web:** www.exemrs.co.uk

## SATURDAY 7TH JUNE TO SUNDAY 8TH JUNE

**Shildon Model Railway Club** NRM Locomotion, Shildon, Co Durham DL4 1PQ **Saturday:** 10.00am - 5.00pm **Sunday:** 10.00am - 5.00pm **Web:** www.shildonmrc.com

**Wigan Model Railway Exhibition** Robin Park Arena & Sports Centre, Loire Drive, Wigan, Lancashire WN5 0UH **Saturday:** 10.30am - 5.30pm **Sunday:** 10.00am - 4.00pm **Prices:** £10.00 adult **Contact:** Stephen Roberts **Web:** www.wiganmrm.org.uk

## SATURDAY 14TH JUNE

**Felixstowe N Gauge Model Railway Show** Trinity Methodist Church, Orwell Road, Felixstowe, Suffolk IP11 7AN **Saturday:** 10.00am - 4.30pm **Prices:** £3.00 adult **Contact:** Chris Shum **Tel:** 01394 277211 **Web:** www.felixstowengauge.org.uk

**Patcham Methodist Church Model Railway Exhibition** Methodist Church, Ladies Mile Road, Patcham BN1 8QE **Saturday:** 10.00am - 4.30pm **Prices:** £3.00 adult **Contact:** Bert Etherington **Tel:** 07711024258 **Email:** bert\_etherington@msn.com **Web:** www.patchammethodistchurch.co.uk

**Tramway and Light Railway Society - Trains at Trinity Methodist Church** Shortmead Street, Biggleswade, Bedfordshire SG18 8JX **Saturday:** 10.30am - 4.30pm **Prices:** £4.00 adult, £3.00 concessions **Contact:** Bill Mapletoft **Tel:** 01767 314925 **Email:** bmapletoft@hotmail.com

**Trent Valley North American Modellers** Armitage with Handsacre Village Hall, Shropshire Brook Road, Armitage, Staffordshire WS15 4UZ **Saturday:** 10.00am - 4.00pm **Prices:** £5.00 adult **Contact:** Nick Palette **Email:** n.palette@ntworld.com

**Alresford Festival of Toy Trains** Perin's Community School, Pound Hill, Alresford, Hampshire SO24 9BS **Saturday:** 11.00am - 5.00pm **Prices:** £5.00 adult, £3.00 child, £14.00 family (2 + 2) **Contact:** Bob Leggett **Tel:** 01962 733475 **Email:** bob.leggett@tesco.net **Web:** www.alresford-toy-trains.org.uk

**SATURDAY 14TH JUNE TO SUNDAY 15TH JUNE** **Chatham Model Railway Show** Medway Park Leisure Centre, Mill Road, Gillingham, Kent ME7

## MEETINGS & TALKS

### THURSDAY 8TH MAY

**Grantham Railway Society** St Wulfram's Church Hall, Church Street, Grantham, Lincolnshire **Thursday:** 7.30 pm **Prices:** £2.00 adult, £1.00 concessions **Contact:** Bill Berridge **Tel:** 07743 335545

### MONDAY 12TH MAY

**Plymouth Railway Circle - Members Slide / Cine / Digital Photo Evening** St Edwards Church Hall, Home Park Avenue, Peverell, Plymouth, Devon PL3 4PG **Monday:** 7.30pm **Prices:** £1.00 adult **Contact:** Barrie Lanyon **Tel:** 01752 651014 **Email:** barrielanyon@hotmail.com

### TUESDAY 13TH MAY

**East Anglian Railway Museum** First Floor Meeting Room, The Drill Hall Sports Club, Old Park Avenue, Enfield, Middlesex EN2 6PJ **Tuesday:** 8.00pm - 10.30pm **Prices:** £2.50 adult **Contact:** Roger Elkin **Tel:** 2083630697 **Email:** rogerelkin@btinternet.com **Web:** www.earm.co.uk

### WEDNESDAY 14TH MAY

**North London Railway Historical Society** Keen House, 4 Calshot Street, London N1 9DA **Wednesday:** 7.00 **Contact:** Trish Connor **Tel:** 07790 142327 **Email:** nlrhs.sec@hotmail.co.uk

### THURSDAY 15TH MAY

**Lutterworth Railway Society - St Pancras - On Time** United Reformed Church, George Street, Lutterworth LE17 4EF **Thursday:** 7.30 **Contact:** Dave Hanger **Tel:** 01455 203307 **Web:** www.lutterworthrailwaysociety.webplus.net

### THURSDAY 22ND MAY

**Gravesend Railway Enthusiasts Society** Emmanuel Baptist Church, Windmill Street,

Gravesend DA12 1BB **Thursday:** 7.45pm **Contact:** Bob Poole **Tel:** 01474 326232 **Web:** www.gres.org.uk

### MONDAY 2ND JUNE

**Mirfield Railway Enthusiasts Society - Barry Mounsey A last look at European steam (Some Russian)** Navigation Tavern Station Road, Mirfield, West Yorks **Monday:** 7.45pm **Contact:** Pete Whitworth **Tel:** 01924 498651 **Email:** petesyl12whitworth@hotmail.com

### TUESDAY 3RD JUNE

**East Anglian Railway Museum** First Floor Meeting Room, The Drill Hall Sports Club, Old Park Avenue, Enfield, Middlesex EN2 6PJ **Tuesday:** 8.00pm - 10.30 pm **Contact:** Roger Elkin **Tel:** 2083630697 **Email:** rogerelkin@btinternet.com **Web:** www.earm.co.uk

**Gravesend Railway Enthusiasts Society** Emmanuel Baptist Church, Windmill Street, Gravesend DA12 1BB **Tuesday:** 7.45pm **Contact:** Bob Poole **Tel:** 01474 326232 **Web:** www.gres.org.uk

### THURSDAY 5TH JUNE

**Lutterworth Railway Society - 34081 Battle of Britain Locomotive Society** United Reformed Church, George Street, Lutterworth LE17 4EF **Thursday:** 7.30pm **Contact:** Dave Hanger **Tel:** 01455 203307 **Web:** www.lutterworthrailwaysociety.webplus.net

### THURSDAY 12TH JUNE

**Grantham Railway Society** St Wulfram's Church Hall, Church Street, Grantham, Lincolnshire **Thursday:** 7.30 pm **Prices:** £2.00 adult, £1.00 concessions **Contact:** Bill Berridge **Tel:** 07743 335545



  
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**GAUGE O GUILD**

**2014 Events Timetable**

**Saturday 31st May**  
**Summer Show Cleckheaton**  
Whitcliffe Mount Sports  
Centre, Turnsteads Ave,  
Cleckheaton BD19 3AQ

| Times |       | Fare  |       |
|-------|-------|-------|-------|
| Arr   | Dep   | Mem   | Non   |
| 10.00 | 16.00 | £5.00 | £7.00 |

**Sat 6th, Sun 7th**  
**September**  
**Guillex, Telford**  
International Centre,  
St Quentin Gate,  
Telford, TF3 4JH

| Times     |       | Fare           |        |
|-----------|-------|----------------|--------|
| Arr       | Dep   | Mem            | Non    |
| Sat 10.00 | 17.00 | £5.00          | £12.00 |
| Sun 10.00 | 16.00 | Weekend ticket |        |

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## OPEN DAYS

### THURSDAY 15TH MAY

**Southwark MRC** St Phillip and St Marks Church Hall, Avondale Square off Old Kent Road, Bermondsey SE1 5PD **Thursday:** 7.00pm onwards **Contact:** Ray **Tel:** 02077329675

### SATURDAY 24TH MAY

**Newport Neon MRG** Odeon Cinema, Clarence Place, Newport NP19 7AB Wales **Saturday:** 10.30am - 5.00pm **Prices:** £2.00 adult, £2.00 child **Contact:** Richard **Tel:** 7710664799 **Email:** richardi.flannigan@gmail.com **Web:** www.newportneon.co.uk/railway.htm

**Wimbledon MRC** The Clubrooms, St Marks Family Centre, St Marks Road CR4 2LS **Saturday:** 10.00am - 5.00pm

### THURSDAY 29TH MAY

**Southwark MRC** St Phillip and St Marks Church Hall, Avondale Square off Old Kent Road, Bermondsey SE1 5PD **Thursday:** 7.00pm onwards **Contact:** Ray **Tel:** 02077329675

### SATURDAY 31ST MAY

**Hillingdon Railway Modellers** Yiewsley Baptist Church, Cornerstone Centre, 74 Colham Avenue, Yiewsley, Middlesex UB7 8HF **Saturday:** 10.00am - 4.00pm **Prices:** £5.00 adult **Contact:** Peter **Tel:** 020 8368 4090 **Web:** http://www.hillingdonrailwaymodelers.co.uk

### SATURDAY 7TH TO

### SUNDAY 8TH JUNE

**Spalding MRC** Pinchbeck Village Hall, Knights Street, Pinchbeck, Spalding, Lincolnshire

PE11 3RC **Saturday:** 10.00am - 4.00pm **Sunday:** 10.00am - 4.00pm **Contact:** David Dyle **Tel:** 01406 351041 **Email:** dyle.spaldingmrc@talktalk.net **Web:** www.spaldingmodelrailwayclub.org.uk

### SATURDAY 14TH TO

### SUNDAY 15TH JUNE

**Gainsborough MRS** Florence Terrace (near Tesco car park), Gainsborough, Lincolnshire DN21 1BE **Saturday:** 1.30pm to 6.00pm **Sunday:** 1.30pm to 6.00pm **Prices:** £4.00 adult, £3.00 child, £3.00 OAP, £10.00 family (2+2) **Contact:** M A Clapham **Tel:** 01427 615871 **Email:** gmrsccontact@gmail.com **Web:** www.gainsboroughmodelrailway.co.uk

### SUNDAY 15TH JUNE

**Chichester & District Society of Model Engineers** Blackberry Lane (off Bognor

Road), Chichester (East), West Sussex PO19 2FS **Sunday:** 2.00pm - 5.00pm **Contact:** Mr Earnshaw-Mansell **Tel:** 07954 0511594 **Email:** benguilden@btinternet.com **Web:** www.cdsme.co.uk

### SATURDAY 21ST JUNE

**NMRA The Thamesiders Model Railroad Group** Whitegates Farm, Frating Hill (A133), Frating, Essex CO7 7DG **Saturday:** 10.00am - 4.30pm **Contact:** Patrick Grace **Tel:** 01206 827368 **Web:** www.thamesidersmrg.org.uk

### SATURDAY 28TH JUNE

**Wirral O Gauge Group** Unit 7, The Odyssey Centre, Birkenhead CH41 1HB **Saturday:** 1.00pm to 5.00pm **Prices:** £2.00 adult **Contact:** Jenny Elliott **Tel:** 07931 846794 **Email:** j.elliott37@sky.com

1HF **Saturday:** 10.00am - 5.00pm **Sunday:** 10.00am - 4.00pm **Prices:** £7.00 adult **Contact:** Dave Holman **Tel:** 07552777718

**Shepton & District Model Railway Exhibiton** Doulting Village Hall, 18 Chelynch Park, Doulting, Shepton Mallet, Somerset BA4 4PL **Saturday:** 10.00am - 4.30pm **Sunday:** 10.00am - 4.00pm **Prices:** £4.00 adult, £3.00 child, £3.00 OAP, £8.00 family (2 + 2) **Contact:** Mr Perrett **Tel:** 01761232950 **Email:** jp.perrett@btinternet.com

### SUNDAY 15TH JUNE

**Corby & District MRS** Wilbarston Village Hall, Carlton Road, Wilbarston, Market Harborough, Leicestershire LE16 8QD **Sunday:** 10.00am - 4.00pm **Prices:** £4.00 adult, £2.00 child (2-16yrs), £3.00 OAP, £3.00 concessions, £10.00 family (2+2) **Contact:** Kevin Emsley **Tel:** 07503 77956 **Email:** kevemav@ntlworld.com **Web:** www.cdmrs.co.uk

### SATURDAY 21ST JUNE

**Gloucester Model Railway Show** Hucclecote Methodist Church Hall, Carisbrooke Road, Gloucester GL3 3QP **Saturday:** 10.00am - 5.00pm **Prices:** £3.00 adult, £1.50 child, £2.00 concessions **Contact:** Alan Postlethwaite **Tel:** 01452 770447

**Northolt MRC** Northolt Village Community Centre, Ealing Road, Northolt, Middlesex UB5 6AD **Saturday:** 10.30am - 5.00pm **Prices:** £3.00 adult, £2.00 child, £2.00 OAP, £7.00 family (2 + 2) **Web:** www.northolt-mrc.org.uk

**Mere Model Railway Exhibition** Mere Lecture Hall, Salisbury Road BA12 6HA **Saturday:** 10.00am - 4.30pm **Prices:** £4.00 adult **Contact:** Tom Snook **Tel:** 01747 861977 **Email:** tomsnook29@hotmail.co.uk

### SATURDAY 28TH JUNE

**Enfield Town MRC** St. Pauls Centre (corner of

Church St. and Old Park Ave.), Enfield EN2 6PR **Saturday:** 10.30 am - 5.00pm **Prices:** £3.00 adult **Contact:** Colin Wilson **Tel:** 01992 639361 **Web:** www.enfield-town-mrc.org.uk

### Ipswich RMA & Model Engineers

Ipswich Transport Museum, Ipswich, Suffolk **Saturday:** 10.00am - 4.00pm **Prices:** £9.00 adult **Contact:** Keith Lankester **Tel:** 01473 251017 **Web:** www.irma.org.uk/imes.org.uk/ipswichtransportmuseum.co.uk

### SATURDAY 28TH JUNE TO

### SUNDAY 29TH JUNE

**Pennine MRS** Saddleworth Museum, Saddleworth, Uppermill OL3 6HS **Saturday:** 10.00am - 4.00pm **Sunday:** 10.00am - 4.00pm **Prices:** £2.50 adult **Contact:** David Haigh **Email:** davidhaigh@sky.com

**Perth MRC** Dewars Ice Rink Glover Street, Perth PH2 0TH Scotland **Saturday:** 10.00am - 17.30pm **Sunday:** 10.00am - 17.00pm **Prices:** £6.00 adult, £3.00 child, £5.00 OAP, £15.00 family (2 + 2) **Contact:** Stan Moug **Tel:** 07588 754959 **Email:** exhibitionmanager@perthmrc.com **Web:** www.perthmrc.com

## TRAIN & TOY FAIRS

### SUNDAY 11TH MAY

**Malcolm Townsend - Ashfield Toy & Train Fair** Festival Hall, Kirkby-in-Ashfield, Nottinghamshire NG17 7DJ **Sunday:** 10.00am - 3.00pm **Prices:** £2.00 adult **Contact:** Malcolm Townsend **Tel:** 07951 072790 **Email:** malctown@hotmail.co.uk **Web:** www.ashfieldtoyfairs.kk5.org

### FRIDAY 16TH MAY

**Malcolm Townsend- Alfreton Toy & Train Fair** The Leisure Centre, Church Street, Alfreton, Derbyshire DE55 7BD **Friday:** 7.00pm

- 9.00pm **Prices:** £2.00 adult **Contact:** Malcolm Townsend **Tel:** 07951 072790 **Email:** malctow@hotmail.co.uk **Web:** www.ashfieldtoyfairs.kk5.org

### SATURDAY 17TH MAY

**SRP Toy Fairs - Henfield** Henfield Hall, Henfield, West Sussex BN5 9DB **Saturday:** 10.00am - 2.00pm **Prices:** £2.00 adult, children free **Contact:** Gerald Widdowson **Tel:** 01322 662729 / 07739 998012 **Email:** srptoy1@hotmail.co.uk **Web:** www.srptoyfairs1.co.uk

### SUNDAY 18TH MAY

**Barry Stockton Train & Toy Collectors Fair - Wirral** Hulme Hall, Wirral, Merseyside CH62 5DH **Sunday:** 10.30am to 3.00pm **Prices:** £2.00 adult, 50p child **Contact:** Barry Stockton **Tel:** 0151 334 3362 **Web:** www.barrystocktonfairs.co.uk

**SRP Toy Fairs - Herne Bay** The Kings Hall, The Beacon Hill, Herne Bay, Kent CT6 5BA **Sunday:** 10.00am - 2.00pm **Prices:** £2.00 adult, children free **Contact:** Gerald Widdows **Tel:** 01322 662729 / 07739 998012 **Email:** srptoy1@hotmail.co.uk **Web:** www.srptoyfairs1.co.uk

### SUNDAY 25TH MAY

**SRP Toy Fairs - Orpington** Crofton Halls, Station Road, Orpington, Kent BR6 8PR **Sunday:** 10.00am - 2.00pm **Prices:** £2.00 adult, children free **Contact:** Gerald Widdows **Tel:** 01322 662729 / 07739 998012 **Email:** srptoy1@hotmail.co.uk **Web:** www.srptoyfairs1.co.uk

**Barry Stockton Train & Toy Collectors Fair - Cheshire** Holmes Chapel Leisure Centre, Selkish Drive, Holmes Chapel, Crewe, Cheshire CW4 7DZ **Sunday:** 10.30am to 3.00pm **Prices:** £2.00 adult, 50p child **Contact:** Barry Stockton **Tel:** 0151 334 3362 **Web:** www.barrystocktonfairs.co.uk

### BANK HOLIDAY MONDAY 26TH MAY

**SRP Toy Fairs - Rayleigh** Swayne Park School, Sir Walter Rayleigh Drive, Rayleigh, Essex SS6 9BZ **Bank Holiday Monday:** 10.00am - 2.00pm

**Prices:** £2.00 adult, children free **Contact:** Gerald Widdowson **Tel:** 01322 662729 / 07739 998012 **Email:** srptoy1@hotmail.co.uk **Web:** www.srptoyfairs1.co.uk

### SATURDAY 31ST MAY

**Tony Oaks Fairs - Stoke on Trent** Fenton Community Centre, Manor Street, Fenton, Stoke on Trent ST4 2PT **Saturday:** 10.30am to 2.00pm **Prices:** £1.00 adult **Contact:** Tony Oaks **Tel:** 01270 652773

### SUNDAY 1ST JUNE

**Barry Stockton Train & Toy Collectors Fair - Haydock Park Racecourse** Exhibition Centre, Haydock Park, Merseyside WA12 0HQ **Sunday:** 10.30am to 3.00pm **Prices:** £2.00 adult, 50p child **Contact:** Barry Stockton **Tel:** 0151 334 3362 **Web:** www.barrystocktonfairs.co.uk

**SRP Toy Fairs - Colchester** Marks Tey Parish Hall, Old London Road, Marks Tey, Colchester CO6 1EN **Sunday:** 10.00am - 2.00pm **Prices:** £2.00 adult, children free **Contact:** Gerald Widdowson **Tel:** 07739998012 / 01322662729 **Email:** srptoy1@hotmail.co.uk **Web:** www.srptoyfairs1.co.uk

### SATURDAY 7TH JUNE

**Ray Heard - Exeter Train & Toy Fair** Mattford Centre, Mattford Park Road, Exeter EX2 8FD **Saturday:** 10.00am - 3.00pm **Prices:** £2.00 adult **Contact:** Ray Heard **Tel:** 01823 480097 / 07717 278420 **Email:** rayheard66@btinternet.com

**Tony Oaks Fairs - Chester** Northgate Arena, Victoria Road, Chester, Cheshire CH2 2AU **Saturday:** 10.00am to 3.00pm **Prices:** £2.00 adult **Contact:** Tony Oaks **Tel:** 01270 652773

### THURSDAY 12TH JUNE

**Theydon Bois Toy & Train Fair** Theydon Bois Village Hall, Coppice Row (B172), Theydon Bois, Essex CM16 7ER **Thursday:** 7.00pm - 9.00pm **Prices:** £1.00 adult **Contact:** Joe Lock **Tel:** 01992 467967 / 07866 641215



Supporting  
**LOSTWITHIEL TOY FAIR**  
Sunday  
29th June

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While every care has been taken with the compilation of 'Diary Dates', entries are published in good faith - from information supplied by the organisers - and BRM does not accept responsibility for any cancellations or errors. It may be advisable to check with the club or venue before travelling.



# THE CHATHAM & DISTRICT MODEL RAILWAY CLUB'S... **CHATHAM SHOW** 2014

[www.chathamshow.co.uk](http://www.chathamshow.co.uk)



**SATURDAY JUNE 14TH 10AM TO 5PM**

**SUNDAY JUNE 15TH 10AM TO 4PM**

**MEDWAY PARK LEISURE CENTRE,  
MILL ROAD, GILLINGHAM,  
KENT ME7 1HF**

**ENTRANCE £7.00**

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### Class 68 diesel



New Model

Available in OO & N gauge  
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### OO Gauge LSWR Class B4 0-4-0

Pre-order for £79 (DCC £98)



New Model

The L & SWR  
B4 class 0-4-0Ts

- 4S-018-001 96 'Normandy' in Southern Railway black
- 4S-018-002 96 'Caen Brown' in Southampton Docks brown
- 4S-018-003 88 in Southern Railway green
- 4S-018-004 30082 in BR black with early emblem
- 4S-018-005 30096 in BR black with late crest

### OO Gauge Class 73 electro-diesel

Pre-order for £105



New Liveries

- 4D-006-000 73102 'Airtour Suisse' in InterCity livery
- 4D-006-001 73105 in BR blue with large logo
- 4D-006-002 73124 in BR blue with full yellow ends
- 4D-006-003 73135 in BR blue with full yellow ends
- 4D-006-004 E6003 in BR green with lower grey panels **NEW**
- 4D-006-005 E6039 in early blue with small yellow panels **NEW**
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#### Dapol general release - £103

- 4D-009-001 W55020 in BR green with speed whiskers
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- 4D-009-004 W55023 in BR blue

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- 4D-009-HAT01 120 in 'GWR 150' chocolate & cream
- 4D-009-HAT02 121032 in Arriva Train Wales
- 4D-009-HAT03 960011 in Railtrack blue & green
- 4D-009-HAT04 121020 in Chiltern blue
- 4D-009-HAT05 55033 in Revised Network South East
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- 4D-009-HAT07 55022 in Original Network South East

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- 2S-022-001 1715 in North Eastern Railway green
- 2S-022-002 8286 in LNER green
- 2S-022-003 68677 in BR black with early emblem
- 2S-022-004 69023 in BR black with late crest

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- 2S-019-003 6809 'Burchlere Grange' BR lined black early emblem
- 2S-019-004 6856 'Stowe Grange' BR unlined black early emblem
- 2S-019-005 6837 'Forthampton Grange' BR lined green early emblem
- 2S-019-006 6803 'Bucklebury Grange' BR lined green late crest

### N Gauge Class 142 'Pacer' 2-car DMU

Pre-order for £91 (DCC £105)



- ND116A Northern Rail 142065
- ND116B Regional Railways 142081
- ND116C Northern Spirit 142025
- ND116D Arriva Trains Wales 142085
- ND116E Tyne & Wear PTE 142021

### N Gauge Class 50 diesel

Pre-order for £101 (DCC £119)



- 2D-002-000 D406 in BR blue (unrefurbished)
- 2D-002-001 50043 in BR blue (unrefurbished)
- 2D-002-002 50040 'Leviathan' in BR large logo blue
- 2D-002-003 50037 'Illustrious' in original NSE

### O Gauge Class 08 shunter

Pre-order for £169 (DCC Sound £TBA)



DCC Sound

- 7D-008-000 D3048 in BR green late crest & no warning panels
- 7D-008-001 13115 in BR green early crest & no warning panels
- 7D-008-002 08529 in BR blue with wasp stripes
- 7D-008-003 D3084 in BR green with wasp stripes & late crest

### Class 5P4F Stanier Mogul 2-6-0

Pre-order for £101.11



- 31-690 2955 LMS lined black
- 31-691 42969 BR black with early emblem
- 31-692 42968 BR black with late crest

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### Class E4 Brighton 0-6-2

Pre-order for £76.46



- 35-075 579 LB&SCR umber
- 35-076 473 Southern green
- 35-077 32556 BR black with early emblem
- 35-078 32470 BR black with late crest

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### Class 1F Midland 0-6-0

Pre-order for £67.79



- 31-430 1725 LMS black
- 31-431 41708 BR black with early emblem
- 31-432 41661 BR black with late crest

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### Class C Wainwright 0-6-0

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- 31-465 31579 BR black with late crest
- 31-463 271 SECR plain green
- 31-464 593 SR black with green lining

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### Class 64xx Pannier 0-6-0

Pre-order for £65.41



- 31-635 6407 GWR green
- 31-636 6403 BR black with early emblem
- 31-637 6400 BR black with late crest

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### Class 03 0-6-0 Diesel shunters



- 31-364 D2383 BR green with wasp stripes - weathered £63.71
- 31-365 03170 BR blue with wasp stripes - weathered £63.71
- 31-366 D2016 BR green £59.46

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32-044 D8028 BR green £72.21  
32-038DS 20124 BR blue - weathered (DCC Sound) £195.46

### Class 24/1 Diesel Pre-order for £73.06



32-440 D5135 BR plain green  
32-441 D5149 BR green with small yellow panels  
32-442 24137 BR blue  
[ehattons.com/24](http://ehattons.com/24)

### Class 43 Warship Pre-order for £76.46



32-065 D865 'Zealous' BR maroon small yellow panels  
32-066 D835 'Pegasus' BR green small yellow panels  
32-067 824 'Royal Oak' BR blue  
[ehattons.com/warship](http://ehattons.com/warship)

### Class 45 Diesel



32-680 45036 BR blue £80.71  
32-681 D108 BR green - weathered £84.96

### Wickham Type 27 trolley & trailer Pre-order for £39.06



32-991 BR Maroon  
32-992 BR Engineers yellow  
32-993 BR Engineers yellow with wasp stripes  
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36-165A Motorised £47  
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39-575 Crimson & Cream  
39-576 Maroon  
39-577 Crimson  
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39-776 BR Maroon  
39-777 BR Blue & Grey  
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## OO Gauge

### Steam locos



266201 Beyer Garratt 2-6-0 4970 LMS std bunker & pony wheel brake 1930-31. Pristine (Hel). . . . £199  
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R3064 BR Smokey Joe (Hor) . . . . £26



R2672 Caledonian Railway 0-4-0 steam loco in blue. Railroad range (Hor) . . . . £21



31-931 Class 1000 Midland Compound 4-4-0 1189 in LMS black (Bac) . . . . £112.88  
31-932DC Class 1000 Midland Compound 4-4-0 40934 in BR lined black early emblem. DCC On Board (Bac) . . . . £127.76  
31-933 Class 1000 Midland Compound 4-4-0 41157 BR lined black late crest (Bac) . . . . £112.88



R3005 Class 2800 2-8-0 2845 in BR black late crest - weathered (Hor) . . . . £106



32-828A Class 2MT Ivatt 2-6-0 46526 in BR lined green late crest - weathered (Bac) . . . . £89.21



31-128 Class 3000 GWR ROD 2-8-0 3036 in BR black early emblem - weathered (Bac) (list £139.95) **BARGAIN** . . . £88



31-086 Class 3200 Earl 'Dukedog' 4-4-0 9017 in BR black early emblem (as preserved) (Bac) . . . . £104  
31-085 Class 3200 Earl 'Dukedog' 4-4-0 9022 BR black early emblem - weathered (Bac) . . . . £109



31-727 Class 3700 City GWR 4-4-0 3439 'City Of London' GWR Green Monogram (Bac) . . . . £104.98



R3006 Class 3800 2-8-0 3864 in BR weathered black early emblem. (Hor) . . . . £106  
R3006X Class 3800 2-8-0 3864 BR weathered black early emblem. DCC Fitted (Hor) . . . . £120



31-626A Class 3F 0-6-0 43257 in BR black early emblem (Bac) . . . . £71.23  
31-628DC Class 3F 0-6-0 43620 BR black late crest - weathered. DCC On Board (Bac) . . . . £93.16  
32-233 Class 3F Fowler Jinty 0-6-0 tank 23 in S&DJR Blue (Bac) . . . . £82.01



32-140 Class 4575 Prairie tank 2-6-2 4585 in BR lined green early emblem (Bac) . . . . £68.30



32-129A Class 45xx Prairie tank 2-6-2 4545 in BR black early emblem (Bac) . . . . £72.21



31-880 Class 4F 0-6-0 3851 in LMS black Johnson/Deeley tender (Bac) . . . . £76.46  
31-881 Class 4F 0-6-0 43875 BR black early emblem and Johnson/Deeley tender (Bac) . . . . £76.46  
31-882 Class 4F 0-6-0 43824 BR black late crest and Fowler tender (as preserved) (Bac) . . . . £76.46



31-166 Class 5 L&YR 2-4-2T 50636 in BR lined black early emblem (Bac) . . . . £71.36  
31-167DC Class 5 L&YR 2-4-2T 50795 in BR lined black early emblem (weathered). DCC Fitted (Bac) . . . . £98.13



R3110 Class 61XX Prairie steam loco 2-6-2T 6129 in BR black (Hor) . . . . £80



31-213DS Class 6P Patriot 4-6-0 45504 'Royal Signals' in BR green late crest. DCC Sound Fitted (Bac) . . . . £189  
R3017 Class 6P Patriot 4-6-0 45535 'Sir Herbert Walker K.C.B.' in BR green early crest (Hor) . . . . £123  
R3017X Class 6P Patriot 4-6-0 45535 'Sir Herbert Walker K.C.B.' in BR green early crest. DCC fitted (Hor) . . . . £126



31-013 Class 7F S&DJR 2-8-0 53808 in BR black late crest & Deeley tender (Bac) . . . . £110.46



R3168 Class 8P 4-6-2 71000 'Duke Of Gloucester' in BR green late crest (Railroad range) (Hor) . . . . £79



32-859 Class 9F Standard 2-10-0 92233 BR black late crest - weathered (Bac) . . . . £124.02



R3086 Class A1 'Flying Scotsman' in LNER Apple Green. Upgraded to 3-pole motor flywheel (Railroad range) (Hor) . . . £76



32-550C Class A1 4-6-2 60163 'Tornado' in BR Express blue (Bac) . . . . £128.01  
32-550B Class A1 4-6-2 60163 'Tornado' in BR lined Brunswick green (Bac) (list £150.60) . . . . **BARGAIN** . . . £92  
R3060 Class A1 4-6-2 60163 'Tornado' in British Railways Apple Green (Railroad Range) (Hor) . . . . £79



31-530 Class A2 4-6-2 526 'Sugar Palm' in LNER lined apple green. (Bac) (list £149.95) . . . . **BARGAIN** . . . £89  
31-528 Class A2 4-6-2 60533 'Happy Knight' in BR lined green late crest and double chimney & multi-valve regulator (Bac) (list £149.95) **BARGAIN** . . . £99  
31-529 Class A2 4-6-2 60534 'Irish Elegance' in BR lined green early emblem (Bac) (list £149.95) . . . . **BARGAIN** . . . £92



31-965 Class A4 4-6-2 60021 'Wild Swan' in BR lined green early emblem (Bac) (list £129.40) **BARGAIN** . . . £92  
R2784X Class A4 4-6-2 60022 'Mallard' in BR late crest green (DCC Fitted) - Railroad Range (Hor) . . . . £72



R3131 Class A4 steam loco 4-6-2 4462 'Great Snipe' in LNER blue (Hor) . . . . £116



31-715 Class B1 1123 in LNER lined green (Bac) . . . . £76  
31-714 Class B1 61250 'A. Harold Bibby' BR lined black early emblem (Bac) . . £74



R2921X Class B17/2 Sandringham 4-6-0 61637 'Thorpe Hall' in BR early crest DCC Fitted (Hor) . . . . £125  
R2922X Class B17/6 Sandringham 4-6-0 61650 'Grimsby Town' in BR late crest DCC Fitted (Hor) . . . . £125



31-146 Class D11/1 4-4-0 62663 'Prince Albert' in BR black early emblem (Bac) . . . . £100.22



31-318 Class J11 Robinson (GCR 9J) 5317 in LNER black (Bac) . . . . £76.46  
31-319 Class J11 Robinson (GCR 9J) 64311 BR black early emblem (Bac) £76.46  
31-320DC Class J11 Robinson (GCR 9J) 64325 BR black late crest. DCC Fitted (Bac) . . . . £91.76



32-154A Class N 2-6-0 31404 in BR lined black late crest - weathered (Bac) . . . . £99.07



31-002 Class O4 Robinson ROD 2-8-0 63635 in BR black early emblem (Bac) (list £129.95) . . . . **BARGAIN** . . . £78  
31-001Z Class O4 Robinson ROD 2-8-0 63743 (shed 9G) in BR black late crest - weathered. Ltd Edition of 512 (Bac) (list £148.72) **BARGAIN** . . £79



31-564 Class V2 Gresley 2-6-2 60860 'Durham School' in BR lined black early emblem (Bac) . . . . £94  
31-565 Class V2 Gresley 2-6-2 60862 in BR lined green late crest and double chimney (Bac) . . . . £94



32-261 Class WD Austerity 2-8-0 90441 in BR black early emblem (Bac) . . . . £110.42  
32-260DC Class WD Austerity 2-8-0 90448 in BR black with late crest. DCC On Board (Bac) . . . . £125.29



31-979A Standard Class 3MT tank 82001 in BR black early emblem - weathered (Bac) . . . . £80.71  
31-979 Standard Class 3MT tank 82001 BR lined black early emblem (Bac) £78.42



32-954 Standard class 4MT 2-6-0 76058 in BR lined black early emblem (Bac) (list £102.95) **BARGAIN** . . . £66  
32-360 Standard Class 4MT 2-6-4 tank 80121 BR lined black late crest (Bac) . . . . £84.96



32-508 Standard Class 5MT 73049 in BR lined green late crest & BR1 tender (Bac) (list £123) . . . . **BARGAIN** . . . £72  
32-509 Standard class 5MT 73109 in BR lined black early emblem and BR1B tender (Bac) (list £123) . . . . **BARGAIN** . . . £79

### Train packs



R3133 East Coast 'Flying Scotsman' Train Pack Class 91 electric loco, DVT & 2 Mk4 coaches (Hor) . . . . £144



R3093 Tornado Pullman Pack Special Edition (modified Railroad) Class A1 4-6-2 60163 Tornado & 3 x R223 style Pullman coaches (Hor) . . . . £132



R2955 Virgin Charter Relief Train Pack Class 90 90029 in EWS and DVT 82126 in 'Pretendolino' (Hor) (list £153.25) . . . . **BARGAIN** . . . £96

### Diesel locos



10001HAP 10001 BR Brunswick green orange, black & orange lining. Aug 1956 - Oct 1957. (Dap) (list £105) . . . . **BARGAIN** . . . £99



R3049 Class 08 0-6-0 Diesel Shunter 08417 in Serco Livery (Hor) . . . . £77



1405 Class 14 'Teddy Bear' (ex British Rail Green) Blue Circle Cement (ex D9526) (Weathered). (Hel) (list £115) . . . . **BARGAIN** . . . £75  
1407 Class 14 'Teddy Bear' 14701 Loadhaul Livery. Ltd Ed of 200 certificate. (Hel) . . . . £115  
1406 Class 14 'Teddy Bear' British Steel 45' (Ex British Rail Green (Weathered) wasp ends. (Hel) (list £115) . . . . **BARGAIN** . . £75  
1404 Class 14 'Teddy Bear' D9521 BR Green (pristine) (Hel) (list £105) . . . . **BARGAIN** . . . £89



1403 Class 14 'Teddy Bear' D9535 BR Green (weathered) (Hel) (list £115) . . . . **BARGAIN** . . . £89



1600 Class 16 North British diesel D8400 BR green grey roof. Ltd Ed of 750 pcs (Hel) . . . . £107  
1601 Class 16 North British diesel D8401 BR green small yellow warning panels. Ltd Ed of 750 (general release). (Hel) . . . . £107  
1602 Class 16 North British diesel D8404 BR green Stratford-style yellow warning panels. Ltd Ed of 750 (general release) (Hel) . . . . £107  
1605 Class 16 North British diesel D8405 BR green small yellow warning panels. Weathered. Ltd Ed of 750 (general release) . . . . £115  
1603 Class 16 North British diesel D8407 BR green with full yellow ends. Ltd Ed of 750 (general release) (Hel) . . . . £107  
1604 Class 16 North British diesel D8409 BR green grey roof. Gloss finish. Ltd Ed of 750 (general release) (Hel) . . . . £107



1716 Class 17 diesel D8585 in green small yellow panels (Hel) . . . . £87  
1717 Class 17 diesel D8606 in green full yellow ends (Hel) . . . . £87



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32-037 Class 20 20901 in GBRI (Bac).....£72.21



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Amended yellow panels and disc headcode box (Dap) ..... £103



2320 Class 23 Baby Deltic D5900 green headcode discs and frost grilles - gloss (Hel) .....£104  
2321 Class 23 Baby Deltic D5901 green headcode discs and frost grilles (Hel) . £104  
2322 Class 23 Baby Deltic D5905 green headcode discs and no frost grilles (Hel) ..... £104



2311 Class 23 Baby Deltic D5906 in BR green small yellow panels (Hel) (list £119.95)..... BARGAIN..... £76  
2310 Class 23 Baby Deltic D5907 in BR Green small yellow ends - gloss finish. (Hel) (list £119.95)..... BARGAIN..... £72



2323 Class 23 Baby Deltic D5909 green headcode discs and no frost grilles - weathered (BR).....£112  
2300 Class 23 Baby Deltic diesel D5900 in BR Green Small Yellow Panels and 4 character headcode. (Hel) (list £119.95) BARGAIN..... £76  
2308 Class 23 Baby Deltic diesel D5900 in BR Green large yellow ends. (Hel) (list £119.95)..... BARGAIN..... £72



32-431DC Class 24 24077 in BR blue indicator discs. DCC On Board (Bac).....£76.46



2608 Class 26/1 diesel D5339 in BR green small yellow panels (Hel).....£87  
2609 Class 26/1 diesel D5341 in BR green small yellow panels (Hel).....£87



2724 Class 27 BRCW Sulzer diesel D5353 in BR green (Hel) (list £99.95)..... BARGAIN..... £69  
2723 Class 27 BRCW Sulzer diesel D5361 in BR green small yellow panels (Hel) (list £99.95)..... BARGAIN..... £69  
2708 Class 27 BRCW Sulzer diesel D5381 in BR green small yellow panels (Hel) (list £99.95)..... BARGAIN..... £69



2709 Class 27 BRCW Sulzer diesel D5389 in BR blue small yellow panels (Hel) (list £99.95)..... BARGAIN..... £69



2800 Class 28 Co-Bo Diesel D5700 Full BR Green - modified windows. (Hel) (list £125)..... BARGAIN..... £84  
2811 Class 28 Co-Bo Diesel D5702 BR Green Small Yellow Panels. (Hel) (list £125)..... BARGAIN..... £100



2801 Class 28 Co-Bo Diesel D5705 BR Green Small Yellow Panels (as preserved). (Hel) (list £125)..... BARGAIN..... £89  
2804 Class 28 Co-Bo Diesel D5708 BR Green Full Yellow Ends (Weathered). (Hel)..... BARGAIN..... £132  
2809 Class 28 Co-Bo Diesel D5708 BR Green Full Yellow Ends. (Hel) (list £125)..... BARGAIN..... £89  
2807 Class 28 Co-Bo Diesel D5711 in Full BR Green modified windows. (Hel) (list £125)..... BARGAIN..... £89  
2810 Class 28 Co-Bo Diesel D5714 Full BR Green - modified windows. (Hel) (list £125)..... BARGAIN..... £89  
2803 Class 28 Co-Bo Diesel D5718 BR Green Small Yellow Panels (Weathered). (Hel) (list £132)..... BARGAIN..... £98



R3067 Class 31 Diesel Electric 31256 BR Blue (Railroad Range) (Hor) (list £64.99)..... BARGAIN..... £57  
R2963 Class 31/4 31439 diesel in Regional Railways "North Yorkshire Moors Railway" DCC Ready. (Hor).....£109  
3434 Class 33/0 diesel 33033 Railfreight Construction Sector triple grey (Hel).....£95  
3432 Class 33/0 diesel 33059 in BR blue full yellow ends (Hel).....£95  
3431 Class 33/0 diesel 6544 in BR blue full yellow ends (Hel).....£95  
3430 Class 33/0 diesel D6506 in BR blue full yellow ends (Hel).....£95



3410 Class 33/0 diesel D6507 in early BR green (Hel).....£95  
3413 Class 33/0 diesel D6530 in BR green experimental yellow panels rounded top corners (Hel).....£95  
3414 Class 33/0 diesel D6570 BR green full yellow ends and BR coach roundels (Hel).....£95  
3411 Class 33/0 diesel D6577 in early BR green (Hel).....£95  
V212 Class 37 diesel 37426 Intercity Mainline "V" Lein Fach Vale of Rheidol" (V1).....£70



32-781A Class 37/0 37034 BR Blue Split Head Code - weathered (Bac).....£83.90  
32-480DS Class 40 D211 "Mauretania" in BR green indicator discs. DCC Sound on board (Bac).....£208



32-481 Class 40 D369 in BR green centre head code (Bac) NEW.....£81.56



4748 Class 47 Un-numbered BR green full yellow ends (Hel) (list £89)..... BARGAIN..... £60



31-658D Class 47/0 47190 "Pectinidae" in BR Petroleum Sector sound (Bac).....£212.46  
31-658 Class 47/0 47190 "Pectinidae" BR Petroleum Sector - weathered (Bac).....£97.71



31-656DC Class 47/0 D1677 "Thor" in BR green full yellow ends. DCC On Board (Bac).....£94  
32-616 Class 47/3 47365 "Diamond Jubilee" BR Railfreight Distribution (Bac).....£99.21



32-817 Class 47/7 47745 "Royal London Society For The Blind" in RES red & grey (Bac).....£89.21



32-815 Class 47/8 47834 "Fire Fly" BR Intercity Swallow (Bac).....£89.21



4D-003-007 Class 52 diesel D1012 "Western Firebrand" in BR maroon small yellow panels (Dap).....£119  
4D-003-003 Class 52 diesel D1056 Western Sultan BR Maroon full yellow panels (Dap).....£135  
4D-003-006 Class 52 diesel D1065 "Western Consort" in BR maroon small yellow panels (Dap).....£119



32-526DS Class 55 Deltic 55018 "Ballymoss" in BR blue. DCC Sound (Bac).....£180



32-529B Class 55 Deltic D9011 in BR two-tone green. Weathered (advertised earlier as "pristine") (Bac) . £82.88



32-761 Class 57/0 57312 in Network Rail yellow (Bac).....£86.36



R3141 Class 60 diesel DB Schenker "Tata Steel" (Hor) . £120



32-734A Class 66 diesel 66101 in DB Schenker - weathered (Bac).....£97.71



32-736 Class 66 diesel 66846 in Colas Rail (Bac) . £86.45



32-980 Class 66/9 66731 "InterhubGB" in GBRI Europorte (Bac).....£86.41  
R3183 Class 67 diesel loco 67002 in Arriva Trains Wales (Hor).....£108



31-587DC Class 70 PowerHaul diesel 70004 in Freightliner. DCC On Board (Bac).....£112.50  
31-588 Class 70 PowerHaul diesel 70005 Freightliner - weathered (Bac) £115.01



31-995 Class D/16 LMS 10000 in BR Brunswick green lined orange & black (Bac).....£99  
31-996 Class D/16 LMS 10000 BR Brunswick green, part egg shell blue waistband (Bac).....£99



4011 English Electric DP2 prototype in BR two-tone green (as per 1965 until withdrawal in 1967) (Hel) (list £129.95)..... BARGAIN..... £89



MM0088 Irish Class 071/111 diesel loco 088 in CIE original (Mur).....£125  
MM0080 Irish Class 071/111 diesel loco in NR orange & black (Mur) £125

### Electric locos



31-678 Class 85 (AL5) Bo-Bo Electric 85026 in BR blue single pantograph (Bac) (list £112.45)..... BARGAIN..... £78  
31-677 Class 85 (AL5) Bo-Bo Electric 83056 in BR blue single pantograph. (Bac) (list £112.45)..... BARGAIN..... £80



R3149 Class 92 Co-Co electric loco in DB Schenker (Hor) £62  
R3135 Class 92 electric loco 92032 in GBRI (Hor).....£62

### DMUs



R3047 Class 101 2 Car DMU in Strathclyde PTE orange (Hor).....£88



31-325DC Class 105 2 Car Cravens DMU in BR blue full yellow ends (DCC on board). (Bac) (list £129.95)..... BARGAIN..... £79

31-325 Class 105 2 car Cravens DMU in BR blue full yellow ends. Norwich / Lowestoft (Bac) (list £114.95)..... BARGAIN..... £70  
31-327 Class 105 2 car Cravens DMU in BR green half yellow ends. Harwich/Manningtree (Bac) (list £110.55)..... BARGAIN..... £79  
31-326A Class 105 2 Car Cravens DMU in BR green speed whiskers. (Bac) (list £114.95)..... BARGAIN..... £70  
31-535 Class 105 Cravens 2 Car DMU in BR blue full yellow ends (Power Twin Unit) (Bac) (list £114.95)..... BARGAIN..... £67  
31-537 Class 105 Cravens 2 Car DMU in BR green half yellow ends (Power Twin Unit) (Bac) (list £114.95)..... BARGAIN..... £63  
32-903 Class 108 2 car DMU in BR Greater Manchester PTE white & blue. Chester/Manchester (Bac) (list £106.05)..... BARGAIN..... £58  
32-906 Class 108 2 Car DMU in BR green half yellow ends (Bac) (list £114.95)..... BARGAIN..... £69



32-905 Class 108 2-car DMU in BR blue & grey full yellow ends (Bac) (list £114.95)..... BARGAIN..... £59  
32-912 Class 108 3 Car DMU BR blue full yellow ends (Bac) (list £134.95)..... BARGAIN..... £74



8940 Class 128 DPU Blue full yellow ends and flush fronts (Hel).....£94  
8942 Class 128 DPU in BR blue (weathered) (Hel).....£100  
8993 Class 128 DPU BR blue full yellow ends and Midland style fronts (Hel) £94  
8992 Class 128 DPU BR blue small yellow panels and Midland style fronts (Hel).....£94



8991 Class 128 DPU in BR Green small yellow panels and Midland style fronts (Hel).....£94  
8990 Class 128 DPU BR Green speed whiskers and Midland style fronts (Hel).....£94  
8902 Class 128 DPU W55991 in early BR blue white cab roof domes and yellow gateway door covers. (Hel).....£94



32-925 Class 150/1 2-car DMU in First North Western. Preston/Blackpool (Bac) (list £105).....£53  
32-515A Derby Lightweight 2 Car DMU in BR green half yellow ends (Bac) £90  
32-516A Derby Lightweight 2 Car DMU BR green speed whiskers (Bac) £93.97



32-517 Derby Lightweight 2-car DMU BR blue (Bac) £90



Prices valid until 11/06/14

Orders received after this date for products that have increased in price will be given a refund



8705 Railbus W&M E79961 in green - gloss (Hel) ..... **BARGAIN** ..... £69  
8704 Railbus W&M E79962 in green large yellow panel - weathered. (Hel) (list £129.95) ..... **BARGAIN** ..... £79



8710 Railbus W&M Laboratory 20 "Elliot" in RTC red & blue (Modelzone Exclusive) (Hel) ..... £97



8800 Railcar W79975 in BR light green speed whiskers & semi-gloss finish (Hel) ..... £94

### EMUs



R4529 1967 Brighton Belle Car (Pullman Trailer 1st W/ Kitchen) No.2 (Hor) ..... £37  
R4528 1967 Brighton Belle Car (Pullman Trailer 1st W/Kitchen) No.1 (Hor) ..... £37  
R4527 1967 Brighton Belle Car (Pullman Trailer 3rd) (Hor) ..... £37  
31-030 Class 350/1 Desiro 4 Car EMU 350 111 "Apollo" in Silver Link (unbranded) (Bac) (list £189.95) ..... **BARGAIN** ..... £109



31-032 Class 350/1 Desiro 4-Car EMU 350 102 in London Midland (Bac) (list £189.95) ..... **BARGAIN** ..... £127  
31-031 Class 350/1 Desiro 4 Car EMU 350 238 in London Midland (Bac) (list £189.95) ..... **BARGAIN** ..... £127



R3185 Class 395 Javelin 4 car EMU "Sir Chris Hoy" in Southeastern (Hor) **NEW** ..... £132  
R3161A Class 401 2-BIL 2-car EMU 2041 in SR green DCC ready (Hor) ..... £99  
R3161AX Class 401 2-BIL 2-car EMU 2041 in SR green DCC fitted (Hor) £114  
R3162AX Class 401 2-BIL 2-car EMU 2142 in BR green DCC Fitted (Hor) £114



R3162A Class 401 2-BIL 2-car EMU 2142 in BR green DCC Ready (Hor) ..... £99



31-375 Class 416 2-car EPB EMU in BR blue (Bac) (list £119.50) ..... **BARGAIN** ..... £69



31-267 Class 419 Motor Luggage Van (MLV) in BR blue & grey (Bac) ..... £66  
31-265 Class 419 Motor Luggage Van (MLV) BR Southern Region green (Bac) ..... £66



31-266 Class 419 Motor Luggage Van (MLV) in BR Southern Region green yellow panel (Bac) ..... £66



R2946 Class 423 VEP 4 car EMU in BR Blue (Hor) (list £180.99) ..... **BARGAIN** ..... £118



R2988 Class 5BEL Pullman Brighton Belle 1967 2 Car Pack (2 x Drive MTR. Brake 3rd) (Hor) (list £184.49) **BARGAIN** ..... £100

### Track Maintenance vehicles



B859NRY2 MRA side-tipping ballast train. 5 car unit & generator vehicle. Network Rail yellow new running number. Pristine (B859A) (Dap) ..... £118  
B859RTBG2 MRA side-tipping ballast train. 5 car unit & generator vehicle. Railtrack blue/grey. Pristine (Dap) ..... £89  
B800 Non-motorised OO Track Cleaner motorised cleaning heads & vacuum blue (Dap) ..... £56



B800BRBlue Non-motorised OO Track Cleaner motorised cleaning heads and vacuum in BR blue (Dap) ..... £52  
B800RGreen Non-motorised OO Track Cleaner motorised cleaning heads and vacuum in BR green (Dap) ..... £52  
31-575 Windhoff MPV Multi-Purpose master and slave units 'Network Rail' (Bac) ..... £114



31-577A Windhoff MPV Multi-Purpose master and slave units in Railtrack - weathered (Bac) ..... £126.61

### Track cleaning fluid

### Train sets - analogue



30-042 DCC starter train set 0-6-0 Saddle Tank loco & 0-6-0 Junior Diesel Shunter, 2 wagons, brake van & 36-500 controller (Bac) ..... £127.49



R1171 Flight Of The Mallard train set LNER Class A4 4-6-2 "Mallard" steam loco & 3 teak coaches (Hor) ..... £144



R1167 Flying Scotsman Set 3 x LNER coaches (loco has 3-pole motor) (Hor) ..... £120



R1138 GWR Passenger Freight train set GWR Class 101 0-4-0 steam loco, 2 wagons & 4 wheel coach (Hor) ..... £77



30-077 Midnight Metropolitan 32-217 style London Transport maroon pannier (different number to 30-076 version) (Bac) ..... £89.24



30-160 Rural Commuter set Class 105 2 car DMU in BR green (Bac) ..... £84.99



30-125 St. Blazey Hauler set BR Blue Class 08 08839, 2 x China clay wagons & Brake van (Bac) ..... £80.74



30-007 Starter set "Jack the Saddle Tank" (Bac) ..... £54

### Train sets - DCC



R1173 e-Link DCC Western Master train set GWR Class 2721 steam loco & 3 wagons (Hor) ..... £120



R1125 Somerset Belle train set Class 3F 0-6-0 S&DJR 0-6-0 steam loco & 3 wagons - DCC control (Hor) ..... £134

### Coaches



R4515 Gresley (Non Vestibuled) Suburban 1st Class in LNER teak (Hor) ..... £44



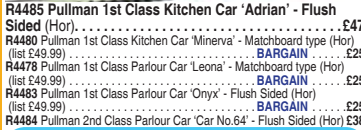
R4574 LNER Thompson Teak effect Non-Corridor Brake third class coach (Hor) ..... £40  
R4572 LNER Thompson Teak effect Non-Corridor Composite (Lavatory) (Hor) £45  
R4573 LNER Thompson Teak effect Non-Corridor Third Class. (Hor) (list £48.99) ..... **BARGAIN** ..... £32



R4475 Pullman 12-wheel 3rd Class Parlour Car "Car No. 97" (Hor) (list £50.49) ..... **BARGAIN** ..... £29



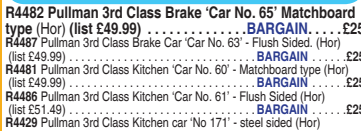
R4485 Pullman 1st Class Kitchen Car "Adrian" - Flush Sided (Hor) ..... £47  
R4480 Pullman 1st Class Kitchen Car "Minerva" - Matchboard type (Hor) (list £49.99) ..... **BARGAIN** ..... £25  
R4478 Pullman 1st Class Parlour Car "Leona" - Matchboard type (Hor) (list £49.99) ..... **BARGAIN** ..... £25  
R4483 Pullman 1st Class Parlour Car "Ornyx" - Flush Sided (Hor) (list £49.99) ..... **BARGAIN** ..... £25  
R4484 Pullman 2nd Class Parlour Car "Car No.64" - Flush Sided (Hor) £38



R4482 Pullman 3rd Class Brake "Car No. 65" Matchboard type (Hor) (list £49.99) ..... **BARGAIN** ..... £25  
R4487 Pullman 3rd Class Brake Car "Car No. 63" - Flush Sided. (Hor) (list £49.99) ..... **BARGAIN** ..... £25  
R4481 Pullman 3rd Class Kitchen Car "Car No. 60" - Matchboard type (Hor) (list £49.99) ..... **BARGAIN** ..... £25  
R4486 Pullman 3rd Class Kitchen Car "Car No. 61" - Flush Sided (Hor) (list £51.49) ..... **BARGAIN** ..... £25  
R4429 Pullman 3rd Class Kitchen Car "No 171" - steel sided (Hor) (list £49.99) ..... **BARGAIN** ..... £22  
R4479 Pullman 3rd Class Parlour Car "Car No. 34" - Matchboard type (Hor) (list £49.99) ..... **BARGAIN** ..... £25  
R4427 Pullman 3rd Class Parlour Car "No 66" - steel sided (Hor) ..... £40



R4352 Mk1 BSK brake corridor second in BR maroon. New tooling for 2013 (Hor) ..... £15  
R4413A BR Hawksworth (Post 1953) 1st / 3rd Brake in BR Maroon (Hor) (list £40.25) ..... **BARGAIN** ..... £21  
R4351 Mk1 SK corridor second in BR maroon. New tooling for 2013 (Hor) ..... £17  
34-325C Period III 50ft Parcels Van in BR maroon - weathered (Bac) ..... £20.91  
4P-010-027 RTR 57H Stanier non-corridor composite in LMS lined maroon 19195 (Dap) **NEW** ..... £13  
4P-010-009 RTR 60ft Stanier corridor composite in BR lined maroon (Dap) ..... £14  
34-654C Thompson 60ft full brake in BR maroon (Bac) ..... £20  
39-300A BR Mk1 BSP Pullman bar 2nd The Hadden Bar (with lighting) (Bac) £29  
39-300C BR Mk1 SK Pullman Second Kitchen in Umber & Cream "Car 335" (With Lighting) (Bac) ..... £31.07



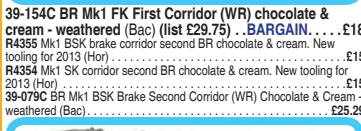
R4352 Mk1 BSK brake corridor second in BR maroon. New tooling for 2013 (Hor) ..... £15



39-129C BR Mk1 CK Composite Corridor (WR) chocolate & cream - weathered (Bac) (list £29.75) **BARGAIN** ..... £18



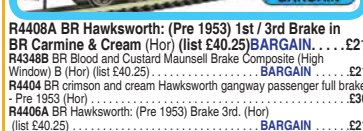
39-154C BR Mk1 FK First Corridor (WR) chocolate & cream - weathered (Bac) (list £29.75) ..... **BARGAIN** ..... £18  
R4355 Mk1 BSK brake corridor second BR chocolate & cream. New tooling for 2013 (Hor) ..... £15  
39-079C BR Mk1 BSK Brake Second Corridor (WR) Chocolate & Cream - weathered (Bac) ..... £25.29



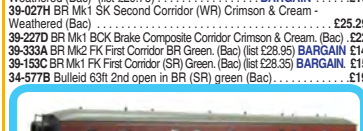
R4407A BR Hawksworth (Pre 1953) Composite coach in BR carmine & cream (Hor) (list £38.99) **BARGAIN** ..... £22



R4408A BR Hawksworth (Pre 1953) 1st / 3rd Brake in BR Carmine & Cream (Hor) (list £40.25) **BARGAIN** ..... £21  
R4348B BR Blood and Custard Maunsell Brake Composite (High Window) B (Hor) (list £40.25) ..... **BARGAIN** ..... £21  
R4404 BR crimson and cream Hawksworth gangway passenger full brake - Pre 1953 (Hor) ..... £30  
R4406A BR Hawksworth (Pre 1953) Brake 3rd. (Hor) (list £40.25) ..... **BARGAIN** ..... £21  
4P-010-011 RTR 60ft Stanier corridor composite BR carmine & cream (Dap) £14  
39-252C BR Mk1 RFO Restaurant Car Crimson & Cream - Weathered (Bac) (list £29.75) ..... **BARGAIN** ..... £16  
39-027H BR Mk1 SK Second Corridor (WR) Crimson & Cream - Weathered (Bac) ..... £25.29  
39-2270 BR Mk1 BSK Brake Composite Corridor Crimson & Cream (Bac) £22  
39-333A BR Mk2 FK First Corridor BR Green. (Bac) (list £28.95) **BARGAIN** £14  
39-153C BR Mk1 FK First Corridor (SR) Green. (Bac) (list £28.35) **BARGAIN** £15  
34-577B Bulleid 63ft 2nd open in BR (SR) green (Bac) ..... £19



R4409A BR Hawksworth (Post 1953) Gangway Passenger Brake in BR Maroon (Hor) (list £38.99) ..... **BARGAIN** ..... £22



R4411A BR Hawksworth (Post 1953) Brake 3rd in BR Maroon (Hor) (list £40.25) ..... **BARGAIN** ..... £21.50  
R4412A BR Hawksworth (Post 1953) Composite in BR Maroon (Hor) (list £38.99) ..... **BARGAIN** ..... £22



R4412A BR Hawksworth (Post 1953) Composite in BR Maroon (Hor) (list £38.99) ..... **BARGAIN** ..... £22



39-271C Pack of 4 BR Mk1 GUV in Maroon. Weathered (Bac) (list £119) ..... **BARGAIN** ..... £74  
39-271C Single (Bac) (list £29.75) ..... **BARGAIN** ..... £19  
39-271C Mecapack of 8 (Bac) (list £238) ..... **BARGAIN** ..... £142



39-271C Pack of 4 BR Mk1 GUV in Maroon. Weathered (Bac) (list £119) ..... **BARGAIN** ..... £74



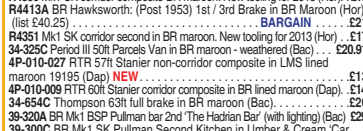
R4569 BR (Ex LNER) 61' 6" Corridor Buffet Car in maroon (Hor) ..... £44  
R4567 BR (Ex LNER) 61' 6" Corridor 1st Class (Hor) ..... £38  
R4566 BR (Ex LNER) 61' 6" Corridor Brake Composite in maroon (Hor) ..... £44



39-500 Pack of 4 BR Mk1 SLF Sleeper Car in maroon (Bac) (list £115.80) ..... **BARGAIN** ..... £89  
39-500 Single (Bac) ..... £24



R4352 Mk1 BSK brake corridor second in BR maroon. New tooling for 2013 (Hor) ..... £15



R4413A BR Hawksworth (Post 1953) 1st / 3rd Brake in BR Maroon (Hor) (list £40.25) ..... **BARGAIN** ..... £21  
R4351 Mk1 SK corridor second in BR maroon. New tooling for 2013 (Hor) ..... £17  
34-325C Period III 50ft Parcels Van in BR maroon - weathered (Bac) ..... £20.91  
4P-010-027 RTR 57H Stanier non-corridor composite in LMS lined maroon 19195 (Dap) **NEW** ..... £13  
4P-010-009 RTR 60ft Stanier corridor composite in BR lined maroon (Dap) ..... £14  
34-654C Thompson 60ft full brake in BR maroon (Bac) ..... £20  
39-300A BR Mk1 BSP Pullman bar 2nd The Hadden Bar (with lighting) (Bac) £29  
39-300C BR Mk1 SK Pullman Second Kitchen in Umber & Cream "Car 335" (With Lighting) (Bac) ..... £31.07



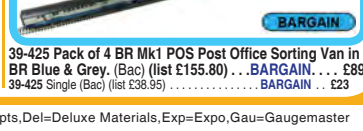
39-321 BR Mk1 BSP Pullman bar 2nd coach in blue/grey (with lighting) (Bac) (list £36.55) ..... **BARGAIN** ..... £21



39-291A BR Mk1 FP Pullman parlour 1st coach in blue grey (with lighting) (Bac) (list £36.55) ..... **BARGAIN** ..... £21  
39-274A BR Mk1 GUV InterCity Metrolink Blue & Grey - Weathered (Bac) £25.29



39-291A BR Mk1 FP Pullman parlour 1st coach in blue grey (with lighting) (Bac) (list £36.55) ..... **BARGAIN** ..... £21



39-425 Pack of 4 BR Mk1 POS Post Office Sorting Van in BR Blue & Grey. (Bac) (list £155.80) ..... **BARGAIN** ..... £89  
39-425 Single (Bac) (list £38.95) ..... **BARGAIN** ..... £23





# Opening Hours

Shop 8am to 6pm Mon to Sat  
10am to 4pm Sun

Phones 7am to 9pm Mon to Thu  
8am to 6pm Fri & Sat  
10am to 4pm Sun



**BARGAIN**

39-381 BR MK2A BSO brake open 2nd Intercity blue/grey SC9424 (Bac) (list £25.95) **BARGAIN** ... £12

39-380A BR Mk2A BSO Brake Second Open Blue & Grey (Bac) (list £28.95) **BARGAIN** ... £18

39-340A BR Mk2A FK First Corridor Blue & Grey (Bac) (list £28.95) **BARGAIN** ... £18

39-400 BR MK25 BFK brake corridor 1st blue grey 14033 (Bac) (list £25.95) **BARGAIN** ... £12

39-501 BR Mk1 SLF Sleeper Car in blue & grey (Bac) **BARGAIN** ... £24

39-501 Pack of 4 (Bac) (list £115.80) **BARGAIN** ... £89

39-311A BR Mk1 SP Pullman Second Parlour Grey & Blue (With Lighting) (Bac) (list £36.55) **BARGAIN** ... £30

R4468 BR Gresley (ex-LNER) Buffet Car in BR blue/grey (Hor) **BARGAIN** ... £44

39-250 BR Mk1 BCK Brake Composite Corridor Blue & Grey (Bac) **BARGAIN** ... £24.10

39-301A BR Mk1 SK Pullman Second Kitchen Grey & Blue (With Lighting) (Bac) (list £36.55) **BARGAIN** ... £21

34-652B Thompson 63ft full brake BR blue - weathered (Bac) (list £25.75) **BARGAIN** ... £17



**BARGAIN**

39-430 Pack of 4 BR Mk1 POS Post Office Sorting Van in Royal Mail Letters Large Red, (Bac) (list £155.80) **BARGAIN** ... £89

39-430 Single (Bac) (list £38.95) **BARGAIN** ... £25



**BARGAIN**

39-435 Pack of 4 BR Mk1 POS Post Office Sorting Van in Royal Mail Travelling Post Office Red, (Bac) (list £155.80) **BARGAIN** ... £89

39-435 Single (Bac) (list £38.95) **BARGAIN** ... £25

39-185 BR Mk1 BG Full Brake in Departmental Olive Green (Bac) £24.10

39-372 BR MK25 BSO brake open 2nd Network South East (Bac) (list £28.95) **BARGAIN** ... £14

R4271A Pendolino trailer standard buffet (non-working pantograph) PTSRBH (Hor) (list £41.49) **BARGAIN** ... £29



**Wagons**

R296 Track cleaning coach (Hor) ... £22

Wchass10 10 foot wagon chassis (Dap) ... £5.50



**BARGAIN**

38-113A Pack of 4 100 ton TEA bogie tank wagon in Esso grey (Bac) (list £130) **BARGAIN** ... £72

38-113A Single (Bac) (list £32.50) **BARGAIN** ... £19

38-113A Megapack of 8 (Bac) (list £260) **BARGAIN** ... £139

37-778C 12 ton mogog van in GWR grey (Bac) ... £7.78



**BARGAIN**

38-475 Pack of 4 12 Ton non-ventilated van corrugated ends in BR bauxite (early) (Bac) (list £43.80) **BARGAIN** ... £31

38-475 Single (Bac) **BARGAIN** ... £8

38-475 Megapack of 8 (Bac) (list £87.60) **BARGAIN** ... £59



**BARGAIN**

38-476 Pack of 4 12 Ton non-ventilated van corrugated ends in BR bauxite (late) (Bac) (list £43.80) **BARGAIN** ... £31

38-476 Single (Bac) **BARGAIN** ... £8

38-476 Megapack of 8 (Bac) (list £87.60) **BARGAIN** ... £59

37-903A 12 ton plankd shock absorbing van corrugated ends BR bauxite (Bac) ... £7



**BARGAIN**

38-080B Pack of 4 12 Ton Southern 2+2 plankd ventilated van in LMS grey (Bac) (list £43.80) **BARGAIN** ... £36

38-080B Single (Bac) **BARGAIN** ... £10

38-080B Megapack of 8 (Bac) (list £87.60) **BARGAIN** ... £68



**BARGAIN**

38-450 Megapack of 8 13 ton Hyfit steel open wagon in BR bauxite (early) (Bac) (list £79.80) **BARGAIN** ... £58



**BARGAIN**



**BARGAIN**



**BARGAIN**



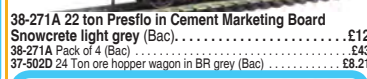
**BARGAIN**

37-250H 16 ton steel mineral wagon without top flap doors in BR grey (Bac) ... £8.29

R6368 20 Ton brake van in BR brown (Hor) ... £6

R6586 21 Ton wagon "Cambrian Wagon Works" (Hor) ... £7

A003 21T hopper wagon - unpainted (Dap) ... £6



**BARGAIN**

38-271A 22 ton Presflo in Cement Marketing Board Snowcrete light grey (Bac) ... £12

38-271A Pack of 4 (Bac) ... £43

37-502D 24 Ton ore hopper wagon in BR grey (Bac) ... £8.21



**BARGAIN**

38-011B Pack of 4 24 Tonne glw MFA open box mineral wagon in EWS (ex-Loadhaul) (Bac) (list £40) **BARGAIN** ... £39

38-011B Single (Bac) **BARGAIN** ... £9

38-011B Megapack of 8 (Bac) (list £80) **BARGAIN** ... £62

38-404 25 ton Pill Box brake van in BR Departmental olive green (Bac) ... £11



**BARGAIN**

38-825G 25 Ton Queen Mary brake van in BR bauxite (Bac) ... £15.43

R6615 27 Ton Tipper "Stewarts & Lloyds" (Hor) **NEW** ... £16

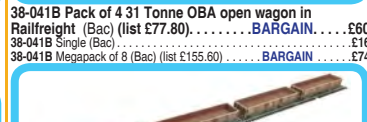
R6616 27 Ton Tippler British Steel Corporation (Hor) ... £8



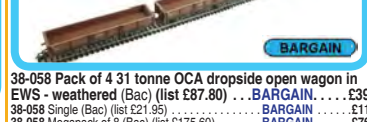
**BARGAIN**



**BARGAIN**



**BARGAIN**



**BARGAIN**



**BARGAIN**

38-125A Pack of 4 35 Ton VBA box van sliding door in EWS (Bac) (list £78.80) **BARGAIN** ... £42

38-125A Single (Bac) (list £19.70) **BARGAIN** ... £11

38-125A Megapack of 8 (Bac) (list £157.60) **BARGAIN** ... £79



**NEW**

4F-040-009 4 plank wagon "Cadbury" (Dap) **NEW** ... £9

4F-040-010 4 plank wagon "Cadbury" - weathered (Dap) **NEW** ... £10



**NEW**

R6581 4-plank wagon Morecombe Electricity Dept (Hor) **NEW** ... £7

R6592 4-plank wagon The Fleetwood Industrial Co-op Society (Hor) ... £7

R6579 4-plank wagon The Newmarket Coop (Hor) **NEW** ... £7



**BARGAIN**

38-130A Pack of 4 40 Tonne YGH Sealion bogie hopper wagon in olive green - weathered (Bac) **BARGAIN** ... £86

38-130A Single (Bac) ... £23

38-130A Megapack of 8 (Bac) (list £224.40) **BARGAIN** ... £135



**BARGAIN**

33-879A Pack of 4 45 Ton bogie well wagon in LNER grey boiler load (Bac) **BARGAIN** ... £36

33-879A Single (Bac) ... £10

33-879A Megapack of 8 (Bac) ... £70

37-584 45 ton TTA tank in Ciba-Geigy (Bac) ... £10.88



**BARGAIN**



**NEW**



**NEW**

4F-052-015 5 plank wagon 9' wheabase "Alfred Jukes" (Dap) **NEW** ... £9

4F-052-016 5 plank wagon 9' wheabase "Alfred Jukes" - weathered (Dap) **NEW** ... £10

37-036 5 plank wagon steel floor in Tarbitumac (Bac) ... £7

37-036 Pack of 4 (Bac) (list £37.60) **BARGAIN** ... £26

37-061C 5 plank wagon wooden floor in BR grey (Bac) ... £8.42



**NEW**

R6597 5-plank wagon "Hopton-Wood Stone Firms Ltd" (Hor) **NEW** ... £7

4F-031-003 6 wheel milk tanker "Unigate Dairies" (ex-B1009) (Dap) ... £11

4F-031-019 6 wheel milk tanker "United Dairies" (Dap) ... £11



**NEW**

R6595 6-plank wagon "J. Hackett & Co." (Hor) **NEW** ... £7.95

37-081F 7 plank end door wagon in BR grey (Bac) ... £8.67

4F-071-006 7 plank wagon "LMS" - weathered (Dap) ... £10

37-188 7 plank wagon coke rails "Moy" - weathered (Bac) ... £10.16



**NEW**

R6601 8-plank wagon "Foster & Co." (Hor) **NEW** ... £7.95



**BARGAIN**

38-159 Pack of 4 80 Tonne BDA bogie bolster wagon in Railfreight steel beam load, (Bac) (list £95) **BARGAIN** ... £46

38-159 Single (Bac) (list £23.75) **BARGAIN** ... £12

38-159 Megapack of 8 (Bac) (list £190) **BARGAIN** ... £89



**BARGAIN**

38-150A 80 tonne glw BDA bogie bolster wagon in Loadhaul (Bac) (list £87.20) **BARGAIN** ... £11

38-150A Pack of 4 (Bac) (list £87.20) **BARGAIN** ... £39

38-150A Megapack of 8 (Bac) (list £174.40) **BARGAIN** ... £76



**BARGAIN**

38-151B Pack of 4 80 Tonne glw BDA bogie bolster wagon in Railfreight (Bac) (list £87.20) **BARGAIN** ... £49

38-151B Single (Bac) (list £21.80) **BARGAIN** ... £13

38-151B Megapack of 8 (Bac) (list £174.40) **BARGAIN** ... £96



**BARGAIN**



**BARGAIN**



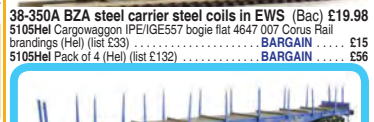
**BARGAIN**



**NEW**



**NEW**



**BARGAIN**

38-350A BZA steel carrier steel coils in EWS (Bac) **BARGAIN** ... £19.98

5105Hel Cargowagon IPE/IGE557 bogie flat 4647 007 Corus Rail brandings (Hel) (list £33) **BARGAIN** ... £15

5105Hel Pack of 4 (Hel) (list £132) **BARGAIN** ... £56



**BARGAIN**

5107 Cargowagon IPE/IGE557 bogie flat 4747 028 in weathered Cargowagon (Hel) (list £38) **BARGAIN** ... £17

5107 Pack of 4 (Hel) (list £152) **BARGAIN** ... £62

4F-037-102 Conflat wagon & container "Pickfords" (Dap) ... £11

37-960 Conflat wagon in BR bauxite A container in BR crimson (Bac) ... £8.82



**BARGAIN**



**BARGAIN**

38-347 FNA nuclear flask wagon sloping floor & oval buffers in standard Buff (Bac) (list £26.95) **BARGAIN** ... £19

4F-014-003 Fruit D van W2010 in BR maroon (Dap) ... £14

R6366 Fuel wagon pack with Shell, Texaco & Total tankers (Hor) ... £12



## for new releases



38-678 GWR Shunters Truck BR Black 'Loco Dept.' (Bac) £10.58  
38-678 GWR Shunters Truck GWR Grey Newton Abbott (Bac) ... £10.58



37-313 Intermodal bogie wagon 2 x 45ft containers in Maersk (Bac) ..... £33.45  
37-314 Intermodal bogie wagon 2 x 45ft containers in Salmarine (Bac) ..... £33.45  
BHspec856d IOA Network Rail bogie ballast wagon, 70 5992 033-3, Hatton's Limited edition of 500, Pristine (Dap) (list £19.95) BARGAIN, £12  
BHspec856b IOA Network Rail bogie ballast wagon, 70 5992 045-3, Hatton's Limited edition of 500, Pristine (Dap) (list £19.95) BARGAIN, £12  
BHspec856c IOA Network Rail bogie ballast wagon, 70 5992 077-1, Hatton's Limited edition of 500, Pristine (Dap) (list £19.95) BARGAIN, £12



38-212A Pack of 4 JJA auto ballaster in Railtrack curved top profile (4 per rake each Generator wagon) (Bac) (list £151) ..... BARGAIN, £110  
38-212A Single (Bac) ..... £28  
38-212A Megapack of 8 (Bac) (list £302) ..... BARGAIN, £214  
R6640 LMS 4 Wheel CCT Van, New tooling for 2013 (Hor) ..... £12  
R6640A LMS 4 Wheel CCT Van, New tooling for 2013 (Hor) ..... £12



38-240 Pack of 4 MBA Megabox high-sided bogie box wagon in EWS (with buffers) (Bac) (list £100.80) ..... BARGAIN, £62  
38-240 Single (Bac) (list £25.20) ..... BARGAIN, £16  
38-240 Megapack of 8 (Bac) (list £201.60) ..... BARGAIN, £119



38-242 Pack of 4 MBA Megabox high-sided bogie box wagon in EWS - weathered (without buffers) (Bac) (list £108) ..... BARGAIN, £54  
38-242 Single (Bac) (list £27) ..... BARGAIN, £14  
38-242 Megapack of 8 (Bac) (list £216) ..... BARGAIN, £104



38-553 Midland 20T Brake Van LMS Bauxite (without Duckets) (Bac) ..... £12.67



38-245 Pack of 4 MOA Monsterbox low-sided bogie box wagon in EWS (Bac) (list £105.80) ..... BARGAIN, £54  
38-245 Single (Bac) (list £26.45) ..... BARGAIN, £14  
38-245 Megapack of 8 (Bac) (list £211.60) ..... BARGAIN, £100  
R6543 Murco 100 Ton Tanker (Hor) ..... £21



38-300 Pack of 4 OTA (ex-VDA) timber carrier lumber load in BR Railfreight (Bac) (list £99.80) BARGAIN, £77  
38-300 Single (Bac) ..... £20  
38-301 OTA (ex-VDA) timber carrier lumber load in EWS (Bac) ..... £20  
38-301 Pack of 4 (Bac) (list £99.80) ..... BARGAIN, £77



38-185 Pack of 3 12 Ton ventilated vans in BR bauxite (late) - weathered (Bac) ..... £30



37-672 Pack of 3 14 Ton tank wagons in British Tar - weathered (Bac) ..... £33.96



37-671 Pack of 3 14 Ton tank wagons in Fina - weathered (Bac) ..... £33.37  
38-285 Pack of 3 22 ton Prestfos in Tunnel Cement (Bac) ..... £36



37-096 Pack of 3 7 plank 'Coal trader' BR (P numbered) wagons - weathered (Bac) ..... £27.16



37-095 Pack of 3 7 plank 'Coal trader' private owner wagons - weathered (Bac) ..... £25.88  
37-981 Pack of 3 Conflat wagons in BR bauxite AF containers in light blue - weathered (Bac) ..... £33.50



37-982 Pack of 3 Conflat wagons in BR bauxite BD containers in BR crimson - weathered (Bac) ..... £33.45



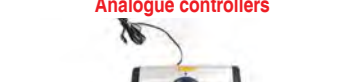
R6371 Pack of 6 Petrol tanker wagon in Shell black (Hor) (list £37.50) ..... BARGAIN, £33  
R6371 Single (Hor) ..... £6  
R6534 PGA Hopper Wagon 'Yeoman' (Hor) ..... £13  
C043 Prestwin 1win Silo cement wagon plastic kit (Dap) ..... £5.40



4F-039-004 Telescopic hood wagon in Tiphook blue & grey #589 9 058 8 (Dap) ..... £21  
4F-039-001 Telescopic hood wagon Tiphook blue & grey #589 9 061 5 (Dap) ..... £21  
4F-039-002 Telescopic hood wagon Tiphook blue & grey #589 9 091 2 (Dap) ..... £21  
A021 Unpainted 6 wheel milk tanker (Dap) ..... £9.99



R6622 ZFO/ZFP (Trout) Ballast Hopper, (Hor) NEW ..... £14



R8250 Standard Train Controller (an alternative to R965), Use R964 or P9200 transformer (Hor) ..... £21



P9200 Multi-purpose transformer for use R8250, Successor to R964 (Hor) ..... £14



DCR-21PIN-01 21-pin 4-function 1.1Amp direct plug decoder back EMF (Hat) ..... £12  
DCR-21PIN-ValuePack05 (Hat) ..... £57  
DCR-21PIN-ValuePack10 (Hat) ..... £110



X9659 4-pin Hornby decoder (Hor) ..... £10



DCC27 8 & 21-pin 4-function 1A (1.8A peak) small OMNI decoder (measures 231 x 27w x 10d mm) (Gau) ..... £16  
DCC-TS2SAP 8-pin 2-function TS Series small & thin decoder Stay Alive (DCC) ..... £23.95



R8249 8-pin 4-function 2-sided 0.5A (1A peak) decoder (Hor) ..... £14  
R8249 Box of 6 (Hor) ..... £76  
R8245 Sapphire digital decoder 1A current 1.5A stall (21 & 8-pin adapter included) (Hor) ..... £32



PC2 One Touch DCC Quad point controller x 4 (Tra) ..... £32  
DCC-ADS9 Solenoid accessory decoder (8-way) (DCC) ..... £41

## DCC controllers



R8312 e-LINK Module, Railmaster Software & 1 Amp Transformer (PC/Laptop Required) (Hor) ..... £68



36-500 EZ Command DCC controller - boxed (Bac) ... £65

## DCC accessories



R8239 Power and Signal Booster - can be used any DCC controlled system (Hor) ..... £74

## Point motors



DCP-CB6D Cobalt slow-action digital DCC point motor x 6 (DCC) ..... £110  
R8014 Mark 2 Point Motor (Hor) ..... £7



TT300 Slow motion DCC point motor (Tra) ..... £20



R8243 Surface Mounted point motor (Hor) ..... £7

## Electronic components

DCF-PS2.0 Pickup springs 2mm axle for OO x 48 (DCC) ..... £22.95  
R8211 Rolling road for all types of steam loco (utilises live rollers) (Hor) ..... £48

## Lighting equipment

DML-SRBRGVP 6 upright lamps and 2 swan-neck wall lamps - SR/BR gas (DCC) ..... £69.95  
DML-MBS Buffer stop lamps x 2 (DCC) ..... £22.95



AL3 Coach light (constant) (Tra) ..... £13  
TSV203 Converted gas light (x4) 12V (Tra) ..... £9.50  
GM56 OO Buffer lights x 2 (Gau) ..... £10  
AL2 Tail Light (Flickering) Flame Effect (Tra) ..... £13



TSV211 Yard light 6v 110mm (Tra) ..... £6.50

## Accessories



SFX10 Steam loco sound capsule (with built in battery, speaker & motion detector) (Tra) NEW ..... £37

## Cables &amp; Wires

PL-80 Power feed joiners - Code 100/124 (x4 pairs) (Pec) ..... £6

## Spares

SL-111 Finescale insulated rail joiners/fishplates (Code 70, 75 & 83) for OO & HO gauge - Pack of 12 (Pec) ..... £20  
SL-110 Finescale rail joiners/fishplates (for code 70, 75 & 83) for OO & HO gauge - Pack of 24 (Pec) ..... £20  
SL-11 Insulated rail joiners/fishplates for OO, HO & O gauge code 100 rails incl. Hornby, Peco & Peco Streamline) - Pack of 12 (Pec) ..... £2  
SL-10 Metal rail joiners/fishplates (for code 100 rails incl. Hornby, Peco & Peco Streamline). For OO, HO & O gauge - Pack of 24 (Pec) ..... £2  
R8213 Spare rollers for rolling road (for use R8211) (Hor) ..... £16



B803 Track cleaner (B800) accessory pack (Dap) ..... £9

## Wheel sets

R8218 14.1 mm coach wheels (pack of 10) (Hor) ..... £5



R8264 14.1mm 2 hole coach wheels (pack of 10) (Hor) ..... £5  
36-033 Brass turned coach disc wheels on 10 metal axles - Pack of 20 (Bac) ..... £8  
36-034 Brass turned wagon disc wheels on 10 metal axles - Pack of 20 (Bac) ..... £8  
R8097 Metal 3 hole disc wagon wheels on axles (10 axles) (Hor) ..... £6.50  
R8098 Metal spoked wheels on axles (10 axles) (Hor) ..... £5  
36-005A Pair of BR Mk1 coach bogies. Identical to 36-005 (Bac) ..... £4

## Buildings - railways



PO213 2 Road Red Brick Engine Shed & Workshop Building (Card Kit) (Met) ..... £13  
44-065 Art Deco Platform Centre Building (Bac) ..... £17



44-086 Ash Plant (based on Carnforth, Lancashire) (Bac) (list £79.95) ..... BARGAIN, £47  
44-183 Blue Anchor Station (136 x 90 x 66mm) (Bac) ..... £29.71



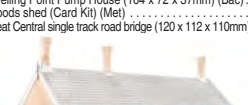
44-087 Bluebell Waiting Room (Bac) (list £44.95) BARGAIN, £22  
44-132 Boiler House (126 x 80 x 65mm) (Bac) ..... £16.96



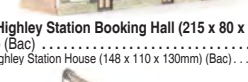
44-173 Brick Servicing Depot (320 x 82 x 121mm) (Bac) ..... £50.96  
PO237 Country station (Card Kit) (Met) ..... £10  
LK-20X Double length overall arched station roof (Pec) ..... £18



44-141 Double track 1970's & 80's diesel depot (Bac) (list £79.95) ..... BARGAIN, £49  
522 Engine Shed, inc. Hut (176 x 90 x 120mm) (Rail) ..... £26  
44-128 Fueling Point Pump House (164 x 72 x 37mm) (Bac) ..... £25.46  
PO232 Goods shed (Card Kit) (Met) ..... £11  
44-121 Great Central single track road bridge (120 x 112 x 110mm) (Bac) ..... £31



44-144 Highley Station Booking Hall (215 x 80 x 105mm) (Bac) ..... £59.46  
44-142 Highley Station House (148 x 110 x 130mm) (Bac) ..... £38.21



44-146 Highley Station Yard Crane (60x45x75mm) (Bac) £21.21  
SSAM103 Interior for signal boxes. Use for Wills SS48 or Metcalfe PO233 (Wills) LK-56 Loco inspection pit for normal code 100 track (Pec) ..... £6



PO230 Mainline Station (Met) ..... £11



44-184 Mechanical Wash Plant (96 x 96 x 75mm) (Bac) ..... £33.96  
R9679 Modern Traction Shed (Hor) ..... £44  
R9746 North Eastern Railway waiting room (Hor) ..... £13  
PO234 Pair of island station buildings (Card Kit) (Met) ..... £8  
PO340 Platform canopy (Met) ..... £13



PO216 Platform kit in red brick - Makes up to 8ft (Card Kit) (Met) ..... £9  
44-164 Shillingstone Station Building (265 x 120 x 105mm) (Bac) ..... £58.46  
44-174 Side Office / Workshop (96 x 40 x 65mm) (Bac) ..... £19.51  
PO233 Signal box inside hut & fuel store shed (Card Kit) (Met) ..... £7  
PO235 Stone Platform Kit (Met) ..... £8



44-176 Stone Signal Box (114 x 60 x 80mm) (Bac) ..... £37.36  
44-179 Traction Fuelling Point (95 x 50 x 70mm) (Bac) ..... £19.51  
44-178 Traction Servicing Depot (320 x 142 x 100mm) (Bac) ..... £73.91  
LK-80 Train Shed Unit (Pec) ..... £23



PO216 Platform kit in red brick - Makes up to 8ft (Card Kit) (Met) ..... £9  
44-164 Shillingstone Station Building (265 x 120 x 105mm) (Bac) ..... £58.46  
44-174 Side Office / Workshop (96 x 40 x 65mm) (Bac) ..... £19.51  
PO233 Signal box inside hut & fuel store shed (Card Kit) (Met) ..... £7  
PO235 Stone Platform Kit (Met) ..... £8



44-176 Stone Signal Box (114 x 60 x 80mm) (Bac) ..... £37.36  
44-179 Traction Fuelling Point (95 x 50 x 70mm) (Bac) ..... £19.51  
44-178 Traction Servicing Depot (320 x 142 x 100mm) (Bac) ..... £73.91  
LK-80 Train Shed Unit (Pec) ..... £23





**UK P&P £4 PER ORDER**  
**£2 per single diecast item**  
**£7 guaranteed Next Day delivery**  
(Orders before 2pm)

### Man-made scenic structure - railway-related

R083 Buffer Stop (Hor) ..... £1.40  
R083 Box of 6 (Hor) ..... £8  
R636 Double track level crossing (Hor) ..... £18



R070 Electrically Operated Turntable (Hor) ..... £59



44-186 Great Central Water Tower (96 x 40 x 74mm) (Bac) £23.76  
SL-43 Loco Lift and storage unit (Pec) ..... £11  
44-192 Platform Buffet (100 x 40 x 55mm) (Bac) ..... £25.46  
LK-62 Platform Edging, Concrete Type (Pec) ..... £4.60  
OOST5 Platform footbridge kit (Anc) ..... £19  
R6833 Platform No.3 - Single sided straight x 2 - Skaledale (Hor) ..... £9  
R464 Platform Ram (Hor) ..... £3.50  
SL-40 Rail built buffer stop (Pec) ..... £1.40



44-548 Station Signage Set (15 x 5 x 48mm) (Bac) . . £4.21  
R8614 Straight Platform x 2 - Skaledale (Hor) ..... £9  
SS57 Vari-girder plate girder panels (W/I) ..... £5  
44-071 Wagon Loading Tower (172 x 90 x 205mm) (Bac) ..... £34

### Signals



ECKB228 2 light signal red/green standard square head (Ber) ..... £16  
DS8 One Touch DCC Signal Dual Home (R/G) (Tra) ..... £32  
DS1 One Touch DCC Signal Home (R/G) (Tra) ..... £22



4L-002-001 Signal - Motorised, LMS home (OOSIGN3) (Dap) ..... £22  
4L-001-001 Signal - Motorised, Square post GWR home lower quadrant (OOSIGN1) (Dap) ..... £22  
4L-002-002 Signal - Motorised, Square post LMS distant upper quadrant (ex-OOSIGN4) (Dap) ..... £22

### Buildings - general



44-134 1930's Semi Detached Houses (140 x 70 x 110mm) (Bac) ..... £33.96  
44-135 1970's Detached House (105 x 85 x 89mm) (Bac) ..... £21.21  
PO229 Brewing facility consisting of main brewhouse, malt store & ale store. (Card Kit) (Met) ..... £9  
R8788 Corrugated Nissen Hut - Skaledale "Rural" range (Hor) ..... £7  
R8626 Country Fire Station - Skaledale (Hor) ..... £24  
R8701 Country police station - Skaledale (Hor) ..... £19  
44-190 Crossing Keeper's Cottage (80 x 90 x 100mm) (Bac) ..... £18.66  
PO330 GWR Signal box (card kit) (Met) ..... £12



44-223 Low Relief 3 storey Solicitors/Doctors (100 x 28 x 140mm) (Bac) ..... £18.66  
44-235 Low Relief British Transport Police Station (74 x 30 x 90mm) (Bac) ..... £16.96  
44-227 Low Relief Pear of Victorian Tenements (204 x 56 x 160mm) (Bac) ..... £42.46  
PO277 Low relief terrace house backs - stone (Met) ..... £10  
PO274 Low relief terrace house fronts - red brick (128w x 73d x 125h mm) (Met) ..... £10  
PO205 Low-relief Pub & Shops (124 x 81 x 35mm) (Bac) ..... £20.36  
R9722 Modern Terraced House (Hor) ..... £20



44-094 Modern Town house under construction (Bac) (list £49.95) ..... BARGAIN ..... £24



PO261 Pair of red brick terraced houses (Card Kit) (Met) . . £9  
PO226 Parish Church (re-designed) (Met) ..... £15  
44-157 Pendon Wagon & Horses Pub (230 x 95 x 100mm) (Bac) ..... £40.76  
44-193 Prefabricated House (124 x 81 x 35mm) (Bac) ..... £20.36  
PO263 Red brick corner shop (Card Kit) (Met) ..... £9



44-191 Red Star Parcels Office (108 x 40 x 40mm) (Bac) £20.36  
44-194 Taxi Office (50 x 44 x 64mm) (Bac) ..... £15.26  
R8621 Terrace house (left hand) - Skaledale (Hor) ..... £12



R8622 Terrace house (right hand) - Skaledale (Hor) . . £12

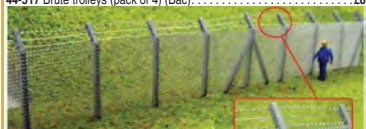
**NEW**



PO272 Terraced shop fronts - brick - 128 (w) x 73 (d) mm (Met) **NEW** ..... £13  
PO273 Terraced shop fronts - stone - 128 (w) x 73 (d) mm (Met) **NEW** ..... £13

### Man-made scenic structure - non-railway

44-517 Brute trolleys (pack of 4) (Bac) ..... £8



OOF8 Chainlink Security Fence Barbed Wire Top Kit (240 x 25mm) (Anc) ..... £12



LK-45 Flexible field fencing. Approx 1066mm (42in). 5 pieces (Pec) ..... £2.50



44-512 Snack Bar (Bac) (list £14.95) . . . BARGAIN . . . £7



GM375 Tarmac road 68mm wide (1m) (Gau) ..... £6.95

### Bridges, Tunnels & Walls

SS80 3 arch viaduct plastic kit (W/I) ..... £19



R076 Foot Bridge (Hor) ..... £14  
PO236 Footbridge (Met) ..... £8  
R8008 Grand suspension bridge (Hor) ..... £39

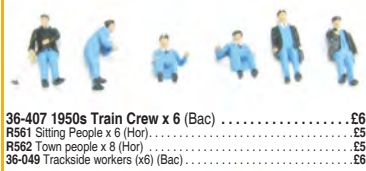


R9751 Hagley Footbridge (Hor) ..... £25  
44-228 Low Relief Double Track Tunnel Portal (175 x 10 x 94mm) (Bac) ..... £13.60  
548 Modular Covered Footbridge (Rat) ..... £20  
R8641 Platform footbridge - Skaledale "Rural" range (Hor) ..... £22  
44-152 Railway Road Over Bridge (102 x 184 x 88mm) (Bac) ..... £38.21  
537 Retaining Walls x 2 (350mm long) (Rat) ..... £7

### Minerals, Water & Rocks

GM114 Granite Ballast - OO & HO gauge - large bag 500g (Gau) ..... £3

### People - civil



36-407 1950s Train Crew x 6 (Bac) ..... £6  
R511 Sitting People x 6 (Hor) ..... £5  
R562 Town people x 8 (Hor) ..... £5  
36-049 Trackside workers (x6) (Bac) ..... £6



36-051 Traction Maintenance Depot Workers (x6) (Bac) £6  
36-401 Transporters/rail-enthusiasts (x6) (Bac) ..... £6

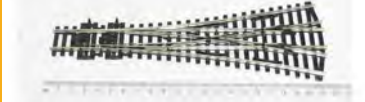
### Track - Code 100 Setrack

ST-273 Power clip (Pec) ..... £2  
ST-245 Setrack curved double radius left handed point insulfrog (Pec) £12  
ST-244 Setrack curved double radius right handed point insulfrog (Pec) ..... £12  
ST-201 Setrack double straight (Pec) ..... £1.75  
ST-250 Setrack medium diamond crossing insulfrog (Pec) ..... £2  
ST-221 Setrack No.1 radius double curve (Pec) ..... £2  
ST-226 Setrack No.2 radius double curve (Pec) ..... £2  
ST-241 Setrack No.2 radius left handed point insulfrog (Pec) ..... £7.50  
ST-240 Setrack No.2 radius right handed point insulfrog (Pec) ..... £7.50  
ST-225 Setrack No.2 radius standard curve (Pec) ..... £1  
ST-231 Setrack No.3 radius double curve (Pec) ..... £2.25  
ST-235 Setrack No.4 Radius Standard Curve. No "double" version produced - use 16 to form a circle (Pec) ..... £2  
ST-204 Setrack Quad Straight (Pec) ..... £3  
ST-204 Box of 24 (Pec) ..... £58  
ST-202 Setrack short straight (Pec) ..... £1  
ST-200 Setrack standard straight (Pec) ..... £1.20

### Track - Code 100 Streamline



SL-100 Pack of 25 1 yard (91.5cm) length of Code 100 Wooden-sleeper nickel silver flexible track (Pec) ..... £64  
SL-100 Single (Pec) ..... £2.80  
SL-102 1 yard (91.5cm) length of Nickel Silver concrete-sleeper flexible track (Pec) ..... £2.75  
SL-102 Pack of 25 (Pec) ..... £62  
SL-E99 3 way medium radius point electrofrog (Pec) ..... £22



SL-99 3 way medium radius point insulfrog (Pec) . . . £22



SL-90 Double slip insulfrog (Pec) ..... £28  
SL-98 Large Y point (Pec) ..... £10  
SL-87 Left hand curved point (Pec) ..... £10.50  
SL-87 Left hand curved point electrofrog (Pec) ..... £11  
SL-E89 Left hand large point electrofrog (Pec) ..... £10  
SL-89 Left hand large point insulfrog (Pec) ..... £10



SL-96 Left hand medium point (Pec) ..... £9  
SL-E96 Left hand medium point electrofrog (Pec) ..... £9  
SL-92 Left hand small point (Pec) ..... £8  
SL-E92 Left hand small point electrofrog (Pec) ..... £8  
SL-86 Right hand curved point (Pec) ..... £10.50  
SL-E86 Right hand curved point electrofrog (Pec) ..... £11  
SL-E88 Right hand large point electrofrog (Pec) ..... £10  
SL-88 Right hand large point insulfrog (Pec) ..... £10  
SL-95 Right hand medium point (Pec) ..... £9  
SL-E95 Right hand medium point electrofrog (Pec) ..... £9  
SL-91 Right hand small point (Pec) ..... £8  
SL-E91 Right hand small point electrofrog (Pec) ..... £8  
SL-85 Short crossing insulfrog (Pec) ..... £8  
SL-80 Single slip insulfrog (Pec) ..... £27  
SL-97 Small Y point (Pec) ..... £8  
SL-E97 Small Y point electrofrog (Pec) ..... £8.50

### Track - Code 75 FineScale Streamline

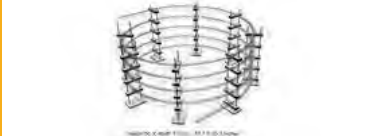
SL-102F 1 yard (91.5cm) length of finescale Nickel Silver concrete-sleeper flexible track (Pec) ..... £3  
SL-102F Pack of 25 (Pec) ..... £64  
SL-100F 1 yard (91.5cm) length of Nickel Silver Finescale flexible track (Pec) £295  
SL-100F Pack of 25 (Pec) ..... £64  
SL-E199 3 way finescale medium radius point electrofrog (Pec) ..... £24  
SL-E190 Finescale double slip electrofrog (code 75 Rail) (Pec) ..... £24  
SL-E198 Finescale large Y point electrofrog (Pec) ..... £10.50  
SL-E187 Finescale left hand curved point electrofrog (Pec) ..... £10.50  
SL-E189 Finescale left hand large point electrofrog (Pec) ..... £10.50  
SL-E196 Finescale left hand medium point electrofrog (Pec) ..... £10.50  
SL-E192 Finescale left hand small point electrofrog (Pec) ..... £10  
SL-E186 Finescale right hand curved point electrofrog (Pec) ..... £11  
SL-E188 Finescale right hand large point electrofrog (Pec) ..... £10.50  
SL-E195 Finescale right hand medium point electrofrog (Pec) ..... £10.50  
SL-E191 Finescale right hand small point electrofrog (Pec) ..... £10  
SL-E180 Finescale single slip electrofrog (code 75 rail) (Pec) ..... £29

### Track & Points

R0809 1 single yard length of Semi-Flexible Track (Hor) ..... £3.50  
R0809 Pack of 24 (Hor) ..... £79  
R065 1st radius double curve (8 make a circle) (Hor) ..... £2.50  
R065 Circle of 8 (Hor) ..... £15  
R066 2nd radius curve (8 make a circle) (Hor) ..... £2  
R067 2nd radius double curve track (8 make a circle) (Hor) ..... £2.25  
R067 Circle of 8 (Hor) ..... £18  
R069 3rd radius double curve track (8 make a circle) (Hor) ..... £3  
R069 Circle of 8 (Hor) ..... £22  
36-607 Double Curve 2nd radius 438mm Arc 45 (same as Hornby R807) (Bac) £2  
R001 Double Straight (Hor) ..... £2.25  
R601 Box of 24 (Hor) ..... £49  
R8222 Extension Pack B. Contains 1 x R8073, 2 x R600, 4 x R607, 1 x R606, 1 x R083 (Hor) ..... £21  
R8223 Extension Pack C. Contains 1 x R8073, 2 x R600, 4 x R607, 1 x R606 (Hor) ..... £21  
R8224 Extension Pack D. 1 x R8072, 3 x R605, 1 x R608, 1 x R636, 1 x R083 (Hor) ..... £32  
R8225 Extension Pack F. Contains 1 x R8072, 1 x R8073, 2 x R600, 2 x R606, 1 x R083 (Hor) ..... £22  
SL-190 Finescale double slip insulfrog (Pec) ..... £34  
R910 Fishplates/rail joiners x 12 (Hor) ..... £2  
R0714 Left hand curved point (Hor) ..... £14  
R8072 Left hand Express point (Hor) ..... £16  
R8077 Left Hand Standard Point (Hor) ..... £9  
36-874 Left-hand curved point Radii 438mm Arc 22.5 & 33.75 (same as Hornby R8074) (Bac) (list £13.70) ..... BARGAIN ..... £11  
36-877 Left-Hand Point (same as Hornby R8077) (Bac) ..... £11



36-872 Left-hand standard point (Bac) ..... £7  
R603 Long Straight (Hor) ..... £3.25



HELIX-50-505 Modular helix in clear acrylic 50cm height single track (Pro) ..... £380  
R8206 Power track for analogue (non DCC) use only (Hor) ..... £4.50  
DCX-PBM PowerBase Magnet Pack - to enable OO locos for PowerBase - 12 magnets (DCC) ..... £14



DCX-PBVP PowerBase OO Gauge Value Pack - use to setup PowerBase on 16ft (5 metres) of track and run 3 locos - 12 magnets (DCC) ..... £24  
R8075 Right hand curved point (Hor) ..... £14.40  
36-875 Right Hand Curved Point Radii 438mm Arcs 22.5 & 33.75 (same as Hornby R8075) (Bac) ..... £11  
R8078 Right hand Express point (Hor) ..... £16  
R8073 Right Hand Standard Point (Hor) ..... £9  
36-878 Right-Hand Standard Point (same as Hornby R8078) (Bac) ..... £11  
36-873 Right-Hand Standard Point (Bac) ..... £7  
R600 Standard Straight (Hor) ..... £2  
R600 Box of 24 (Hor) ..... £33  
ST-100 Starter Track Set (Pec) ..... £52  
36-600 Straight Track 168mm (same as Hornby R600) (Bac) ..... £1  
36-600 Box of 12 (Bac) (list £15.60) ..... BARGAIN ..... £10  
36-601 Straight track 335mm (same as Hornby R601) (Bac) ..... £1.50  
R617 Uncoupling Ramp (Hor) ..... £3

### Track underlay



GM200 5 metres of realistic grey ballasted OO gauge underlay (Gau) ..... £19  
GM210 Brown ballasted underlay x 5 metres (Gau) ..... £19



CB-START Hornby Pre-cut cork beds starter pack 40m (ex-PCCRKSET) (Pro) ..... £40  
CB-600 Pre Cut Cork Bed for R600 601 Straight Tracks x 10 (Pro) ..... £7  
SL-50 Roll of foam track underlay sleeper indentation. Suitable for Setrack and Streamline 5m long (16 4") (Pec) ..... £8  
R638 Roll of track foam underlay Approx: 4880mm (16ft) (Hor) ..... £9

### Railway publications



R8148 Hornby 2014 Catalogue (60th Edition) (Hor) . . . £8

### Buses

35210EFE 36" BET 6 Bay Single Lamp "City of Oxford" (EFE) ..... £24



UK8017 ADL Enviro200 "Arriva Southern Counties" (4055 - GN09 AXH). Re-announced model (Cre) ..... £27  
38007 AEC 10T10 bus "London Transport" (EFE) ..... £24  
29007 AEC 10T10 coach "Greenline" (EFE) ..... £21  
34002 AEC 2RT2 d/cock bus "London Transport" (EFE) ..... £24



30713 AEC Renown "Barton Transport" (EFE) ..... £24  
34110 AEC RT bus "London County" (EFE) ..... £24  
LLB-04 Albion Lowlander d/cock bus "Highland Omnibuses" (Bri) (list £33) ..... BARGAIN ..... £10  
24502 Alexander Atlantean bus "Newcastle Corporation" (EFE) ..... £22



R503 Alexander R Type Olympian dual door double deck bus "Arriva" "London Sightseeing Tour Bus" (Bri) (list £32.99) ..... BARGAIN ..... £10  
38402 Alexander Y Type Bristol bus "Manchester P.T.E." (EFE) ..... £24  
20139 Bedford OB coach "Seaview Services" (EFE) ..... £24



B108A Bristol Lodekka LD1 Closed Platform Short Radiator "Bristol Omnibus Co." 418 to Bristol (circa 1957-1972) (Bas) ..... £21  
B108B Bristol Lodekka LD1 Open Platform Short Radiator "Bristol Omnibus Co." 233 to Chippenham (circa 1957-1973) (Bas) ..... £21  
B109A Bristol Lodekka LD1 SR West Yorkshire Bradford #53 (circa 1956-1971) (Bas) **NEW** ..... £21



B109B Bristol Lodekka LD1 SR West Yorkshire Harrogate #53 (circa 1956-1971) (Bas) **NEW** ..... £21  
OM408198 Bristol Lodekka, West Yorkshire, 36 Leeds dual destination (Cor) ..... £28  
20455 Bristol VR III "Southern Vectis" (EFE) ..... £24  
OM4608B Caetano Levante, National Express, 202 Swansea "Welsh Dragon" dual destination (Cor) ..... £28



OM41605A Crossley DD42, Lancaster City Transport, Bus Station W dual destination (Cor) ..... £28  
25812EFE Daimler DMS bus "Carlisle" (EFE) **NEW** ..... £23





[www.hattons.co.uk](http://www.hattons.co.uk)

For British Outline

[www.ehattons.com](http://www.ehattons.com)

For All Products

NEW



OM41415A Daimler ROE Grimsby "Cleethorpes Transport, 8 Humberston" (Cor) **NEW** .....£32  
OM41415B Daimler ROE Grimsby "Cleethorpes Transport, 9 Barnoldby Le-Beck" (Cor) .....£32  
B017bs Ford R Series Duple Dominant II Smiths Happyway Spencers (Bas) .....£15

NEW



26327 Guy Arab II Utility bus "Stockport Corporation" (EFE) **NEW** .....£26  
30509 Guy GS special in "London Transport" green (EFE) .....£18  
12310 Harrington Grenadier "Birch Bros." (EFE) .....£24

NEW



AN1-20 Leyland Atlantean (NBC) "West Yorkshire (Rider)" (Bri) (list £33.99) .....£8  
AN1-18 Leyland Atlantean Park Royal bodied - "Brighton & Hove (NBC)" (Bri) (list £32.99) .....£9  
16536 Leyland MCW Atlantean "Hants & Dorset NBC" (EFE) .....£24  
16134 Leyland PD2 Highbridge "Yorkshire Woollen" (EFE) .....£24  
16014 Leyland PD2 Lowbridge "Newcastle Corporation" (EFE) .....£24

NEW



18409 Leyland Tiger TS8 - Type B - "County Motors" (EFE) **NEW** .....£24  
28817 Leyland Titan 2 door d/deck bus "London Northern" (EFE) .....£19  
15717 Plaxton Panorama "Penine Motor Services" (EFE) .....£24

NEW



OM46113B Plaxton Panther, Oxford Bus Company "London Victoria, Baker Street & Marble Arch X90" (Cor) **NEW** .....£32  
OM46113A Plaxton Panther, Oxford Bus Company "Oxford City, Brookes Uni & High Street X90" (Cor) .....£32  
36702 Plaxton SLF Dart MkII "First Western National" (EFE) .....£21  
31806 RMA Routemaster "Clydeside Silverline" (EFE) .....£24  
31909 RML Routemaster d/deck bus "London County N.B.C." (EFE) .....£24

NEW



R404 Scania Alexander R - Stagecoach East London (Bri) (list £33.99) .....£8  
ES2-02 Scania ELC Omnidekka d/deck bus "Uni-Link Southampton" (Bri) (list £33) .....£8  
UK0010 Scania OmniCity Stagecoach London special Scania 100 Years branding (Nor) .....£48  
OM46701B Wright Eclipse 2, Wilts and Dorset, Mt Castlepoint dual destination (Cor) .....£28  
OM41229A Wright Gemini, Yellow Bus 1C Christchurch dual destination (Cor) .....£4.50

NEW



OM46008A Wright Solar "Reading Transport" - "37 - Overdown Road" (Cor) (list £27.99) .....£20

### Cars

CR5003 3 piece Mini Collection - Speedwell blue, Radford Wicker Mini & Monte Carlo Rally Mini (Cor) (list £11.99) .....£8  
76ASH004 Armstrong Siddeley Hurricane in Black (Oxf) **NEW** .....£4.50

NEW



76ASL001 Armstrong Siddeley in Black (Oxf) **NEW** .....£4.50  
76CDS001 Citroen DS19 (1970s) in Sherwood green Daffodil roof (Oxf) .....£4  
76FF001 Ford Fiesta Mk1 in Venetian red (Oxf) .....£4

NEW



76MING001 Mini 1275GT Reynard in orange (Oxf) **NEW** .....£4

### Commercial vehicles

L14 2 forklift trucks - 1 red, 1 yellow (Bas) .....£7  
DA70 AEC Mammoth Major dropside tipper "BRS North Derbyshire Group" (circa 1951-1961) (Bas) .....£8.99

NEW



38801 AEC Mkill 3-axle Dropside "B.R.S. Derbyshire Group" (EFE) **NEW** .....£22  
DA71 AEC Monarch Artic low loader "Thomas Nield & Son" (circa 1937-1947) (Bas) .....£8.99  
13502 Atkinson 4-axle Tanker "Bulwark" (EFE) .....£8.99  
76BD003 Bedford OW Luton "United Omnibus" (Oxf) .....£22

NEW



76BD006 Bedford OY Dropside BRS (Oxf) **NEW** .....£9  
22913 Bedford TK box van "Ever Ready" (EFE) .....£22

NEW



24107 Bedford TK Dropside "Crosville N.B.C." (EFE) .....£22  
36304 Bedford TK Short Dropside "Russell of Bathgate" (EFE) .....£22  
76ATKL001 BRS Atkinson 8-wheel Flatbed lorry (Oxf) .....£10  
76TCAB004CC Coca Cola T Cab Box Trailer (Oxf) .....£19  
76DAF02LL DAF 105 Cadzow Ltd edition of 2000 (Oxf) .....£16

NEW



76RDH001 Daimler Hearsie in Black (Oxf) **NEW** .....£4.50  
A011B Dodge "Parrot Nose" Tipper dark blue/black (circa 1955-1965) (Bas) .....£7.49  
A011A Dodge "Parrot Nose" Tipper in red/black (circa 1955-1965) (Bas) .....£7.49

NEW



DA20 Dodge Kew artic & empty pallet load "BRS - Guilford" (Bas) (list £9.99) .....£7  
76SCA03HB Eddie Stobart Scania Horsebox (Oxf) .....£15  
76FT006 Ford Transit high top LWB van in plain white (Oxf) .....£24  
76FT005 Ford Transit van high top LWB "Network Rail" (Oxf) .....£24  
76FT002 Ford Transit van low roof "Royal Mail" (Oxf) .....£24

NEW



76FOW001 Fowler B6 road loco "Atlas Norman E Box" (Oxf) .....£13

NEW



D-95 Karrier Bantam Dropside - RAF (blue/grey) (Bas) (list £6.99) .....£4.50

NEW



DA69 Karrier Bantam flatbed coal & coke load "S.B.Tawn & Son Solid Fuels" (circa 1964-1974) (Bas) .....£9.99  
A009B Karrier Bantam Refuse Truck "Cleansing Department" in dark blue (circa 1954-1964) (Bas) .....£7.49  
76KRS002 Konecranes Reach Stacker (for freight containers) "W H Malcolm". Fully posable (Oxf) .....£20

NEW



76KRS001 Konecranes Reach Stacker (for freight containers) in Konecranes blue. Fully "posable" (Oxf) .....£17  
76LAN2001 Land Rover Series II "British Rail" (Oxf) .....£4  
DA67 Leyland Beaver Artic Van "BRS Argyle" (circa 1956-1966) (Bas) .....£8  
DA56 Leyland Beaver flatbed & trailer "British Railways" (Bas) .....£12

NEW



D-82 Leyland FG Crewbus "British Railways" - new casting (Bas) (list £6.99) .....£4.50

NEW



DA28 Leyland FG Van - Mothers Pride bread (Bas) (list £6.99) .....£4.50  
DA65 Leyland Flatbed & Drawbar Trailer "Jacob's Biscuits" (circa 1950-1960) (Bas) .....£12



DA09 Leyland Mastiff Artic Van "BRS - Islandlink" (New Casting) (Bas) (list £6.99) .....£5  
DA27 Leyland Mastiff Low loader forklift "Pickfords" (Bas) (list £11.99) .....£9.50  
76MAN02CT T MAN TGX XXL trailer "W H Malcolm" (Oxf) .....£9  
76BMC001 Mobile Training Unit/car transporter "BMC" in blue (Oxf) .....£10



DG225005 Ruston Bucyrus 19 - Crane NEW  
TGOLING (Cor) .....£16  
DG225004 Ruston Bucyrus 19 - Drag Shovel - GWR (Cor) .....£16  
DG225007 Ruston Bucyrus 19 face shovel in Southern railways green (Cor) .....£17  
76SC110001 Scania 110 Flatbed "BRS" (Oxf) .....£13



76S94001 Scania 94 6 Wheel Curtainside TNT (Oxf) .....£12



76SHL01TK Scania Cab BP Tanker (Oxf) .....£20



76SHL03TK Scania Highline Petrol Tanker "Eddie Stobart" (Oxf) .....£18



76IRZ004 Scania Irizar PB "Eddie Stobart" (Oxf) .....£16



76SHL02TK Scania R Series Petrol Tanker W H Malcolm (Oxf) **NEW** .....£18  
76TCAB001 Scania T Cab Low Loader "Ridgway Rentals" (Oxf) .....£16



76TCAB002 Scania T Topline Tipper "Tinnelly" (Oxf) **NEW** .....£20  
DA74 Trader Tipper "Thomas Nield & Son/Edward Beck & Son" (circa 1954-1964) (Bas) .....£7.99



76VOL01LED Volvo FH12 Eddie Stobart "LED Teletubby" mobile LED daylight screen (Oxf) .....£15



76WM001 Whitby Mondial Ice Cream Van "Walls Ice Cream" (Oxf) .....£5

### Military ground vehicles

76AEC008 AEC Matador Artillery Tractor British Army "Mickey Mouse" (Oxf) .....£10



76BF002 Brown 40mm Bofors Anti-Aircraft Gun as used by the British Army/Navy 1937 - late 1980s. Olive Drab (Oxf) **NEW** .....£4.95  
76BSA005 BSA M20/WM20 Motorcycle & sidecar 34th Armoured Brigade 1945 (Oxf) .....£3.50



76DSC001 Dingo Scout Car 50th Royal Tank Regiment 23rd Armoured Brigade Tunisia (Oxf) .....£4.95  
76SET25 Military 3 piece set - Italy 1943. Matador, Tilly & MWD (Oxf) .....£17



76SET23 Military 3 Piece Set - Tilly, David Brown Tractor and Land Rover (Oxf) **NEW** .....£11

### Motorcycles & Scooters



76BSA001 BSA M20/WM20 Motorcycle & sidecar "AA", early front forks (circa 1937-47) (Oxf) .....£4

### Public Service vehicles

76AM003 AEC Mercury TL fire engine Edinburgh & SE Area (Oxf) .....£17  
76BD002 Bedford OW Fire Engine "Essex Fire Brigade" in red (Oxf) .....£9  
76F106002 Dennis F106 Rear Pump London Fire Brigade (Oxf) .....£10  
76F8003 Dennis F8 fire engine "Glasgow" (Oxf) .....£11  
76DL001 Dennis Light 4 "New World" Fire Engine East Sussex (Oxf) .....£9  
76TLM001 Dennis Ladder Extensible and possible detailed ladder for 76TLM001-76TLM005 (Oxf) **NEW** .....£3.50  
76LC001 Leyland Cub PK7 1936 fire engine Newcastle City Fire Brigade (Oxf) .....£5.50

NEW



76SET24 London Fire Brigade Set - Dennis F106 and Austin Tilly (Oxf) **NEW** .....£13  
76SAL004 Scania Aerial Fire Rescue Pump Mid & West Wales F&R Service (Oxf) .....£16  
76SFE008 Scania CP31 Pump Ladder Merseyside Pink Fire & Rescue (Oxf) .....£12

### Trams



CE00609 Tram 69 Birkenhead Corporation tramways. Motorised (Bac) .....£57

### Underground vehicles



99935 2 car 1938 tube set in "Dinosaur" as per Isle of Wight (not motorised) (EFE) .....£65

### Tools

BS-HO-01 HO/OO Scale Ballast Spreader (Pro) .....£11

### N Gauge

#### Steam locos



2S-006-001 Class 14xx steam loco 1410 in GWR Shireburn & autocococh 182 in chocolate & cream (Dap) **NEW** .....£67  
2S-006-003 Class 14xx steam loco 1456 in BR early black & autocococh W196W in cammeline & cream (Dap) **NEW** .....£67  
2S-006-004 Class 14xx steam loco 1464 in BR early black & autocococh W191W in maroon (Dap) **NEW** .....£67  
2S-006-002 Class 14xx steam loco 1467 in GWR green & autocococh 186 in chocolate & cream GWR crest (Dap) **NEW** .....£67



372-626 Class 2MT Ivatt 2-6-0 46440 in BR lined black early emblem (Gra) .....£82  
372-627 Class 2MT Ivatt 2-6-0 6404 in LMS black (Gra) .....£82



2S-010-000 Class 49xx Hall steam loco 4937 "Lanelay Hall" in GWR lined green (Dap) .....£100  
2S-010-001D Class 49xx Hall steam loco 4951 "Pendeford Hall" BR lined green late crest. DCC fitted (Dap) .....£111



372-752 Class 4MT Fairburn 2-6-4 tank 42073 in BR black late crest (Gra) .....£84.96  
372-751 Class 4MT Fairburn 2-6-4 tank 42096 BR black early emblem (Gra) .....£84.96  
372-753 Class 4MT Fairburn 2-6-4 tank 42267 BR black late crest - weathered (Gra) .....£93.46  
2S-007-008 Class 57xx Pannier #5764 GWR green "Great Western" lettering (Dap) .....£61  
2S-007-005 Class 57xx Pannier tank steam loco #L97 London Transport maroon (Dap) .....£61



2S-007-004 Class 57xx Pannier tank steam loco 9741 in British Railways green (Dap) .....£61



372-802 Class A1 4-6-2 60147 "North Eastern" in BR green early emblem (Gra) (list £144.40) **BARGAIN** .....£111  
372-800A Class A1 4-6-2 60163 "Tornado" BR lined Brunswick green (Gra) .....£133.75  
372-800B Class A1 4-6-2 60163 "Tornado" BR Express blue (as preserved) (Gra) .....£133.75





## Overseas postage

Countries outside the EU can deduct 20% VAT from prices then add postage. All overseas postage is charged at cost.

Please specify surface or airmail



ND129G Class A3 steam loco 2744 "Grand Parade" in LNER apple green (Dap).....£99  
ND129GD Class A3 steam loco 2744 "Grand Parade" LNER apple green, DCC fitted (Dap).....£122  
ND129D Class A3 steam loco 4472 Flying Scotsman LNER Green (Dap) £105  
ND129F Class A3 steam loco 60106 "Flying Fox" BR lined green late crest (Dap).....£99  
ND129AD Class A3 steam loco and tender 60045 "Lemberg" in BR lined green late crest, DCC fitted (Dap).....£115



2S-008-002 Class A4 steam loco 4498 "Sir Nigel Gresley" in LNER blue double chimney (Dap).....£101  
2S-008-002D Class A4 steam loco 4498 "Sir Nigel Gresley" in LNER blue double chimney (as preserved), DCC fitted (Dap) **NEW**.....£122  
ND128G Class A4 steam loco 60005 "Sir Charles Newton" in BR lined green late crest (Dap).....£99  
2S-008-001 Class A4 steam loco 60012 "Commonwealth of Australia" in BR green early crest (Dap).....£101  
2S-008-001D Class A4 steam loco 60012 "Commonwealth of Australia" in BR green early crest, DCC fitted (Dap) **NEW**.....£118  
2S-008-000 Class A4 steam loco 60019 "Bittern" in BR green late logo and double chimney (Dap).....£101  
2S-008-000D Class A4 steam loco 60019 "Bittern" in BR green late logo and double chimney, DCC fitted (Dap) **NEW**.....£118



372-077 Class B1 61251 4-6-0 "Oliver Bury" BR black late crest (Gra) (list £121.95).....**BARGAIN**.....£82



ND079f Class B17 4-6-0 2863 "Everton" LNER Apple green (Dap).....£93



372-400 Class J39 0-6-0 1856 in LNER Lined Black flat sided tender (Gra).....£72  
372-402 Class J39 0-6-0 64791 BR black late crest & stepped tender (Gra) £72  
372-401 Class J39 0-6-0 64960 BR black early emblem & flat sided tender (Gra).....£72



372-426 Class WD Austerity 2-8-0 90566 in BR black late crest (Gra).....£106  
372-425 Class WD Austerity 2-8-0 90732 "Vulcan" in BR black early emblem (Gra) (list £129.70).....**BARGAIN**.....£79  
372-726 Standard Class 5MT 4-6-0 73014 BR Lined black late crest & BR1 tender (Gra).....£99  
372-725 Standard Class 5MT 4-6-0 73068 BR lined green late crest & BR1C tender (Gra).....£99



372-727 Standard Class 5MT 4-6-0 73082 "Camelot" in BR lined black early emblem BR1B tender (Gra).....£99  
372-726 Standard Class 5MT 4-6-0 73014 BR Lined black late crest BR1B tender (Gra).....£99



2S-012-002 Terrier Tank loco 0-6-0T 2659 in Southern lined green (Dap) **NEW**.....£56  
2S-012-003 Terrier Tank loco 0-6-0T 32670 BR lined black late crest (Dap) **NEW**.....£56  
2S-012-001 Terrier Tank loco 0-6-0T 83 "Earlwood" in Improved Engine green (Dap) **NEW**.....£56

### Train packs



2D-012-007 Class 22 diesel loco in BR blue & 6 milk tankers - weathered (Dap).....£142

### Diesel locos

371-015B Class 08 diesel 08556 in BR blue wasp stripes (Gra).....£65.15



371-020 Class 08 diesel shunter 13029 in BR black early emblem (Gra).....£56  
371-022 Class 08 diesel shunter D5729 BR green wasp stripes - weathered (Gra).....£59



372-953 Class 14 diesel D9526 in BR green wasp stripes - weathered (Gra).....£72.08



371-032 Class 20 diesel 20063 in BR blue indicator discs - weathered (Gra).....£80  
371-031 Class 20 diesel 20192 in BR blue indicator box (Gra).....£76



2D-012-000 Class 22 diesel loco 6326 in BR blue full yellow ends (Dap) (list £136.89).....£99  
2D-012-003 Class 22 diesel loco D6319 in BR green small yellow panels (Dap) (list £136.89).....**BARGAIN**.....£99  
2D-012-003D Class 22 diesel loco D6319 in BR green small yellow panels, DCC fitted (Dap).....£130  
2D-012-002 Class 22 diesel loco D6320 in BR green small yellow panels (Dap) (list £136.89).....**BARGAIN**.....£99  
2D-012-005D Class 22 diesel loco D6331 in BR green small yellow panels, DCC fitted (Dap).....£130



372-979 Class 24 diesel D5085 BR two-tone green (Gra) £82.45



371-080 Class 25/3 diesel 25279 BR blue (Gra) (list £94.05).....**BARGAIN**.....£45



ND145J Class 26 diesel loco D5326 in BR green (not blue as previously announced) (Dap).....£85



ND205A Class 27 diesel D5356 in BR green and gangway doors (Dap).....£66  
ND205B Class 27 diesel D5381 in BR green small yellow warning panels and gangway doors (Dap).....£66



2D-003-000 Class 52 diesel loco D1005 "Western Venturer" in BR blue full yellow panel (Dap).....£91  
2D-003-001 Class 52 diesel loco D1029 "Western Legionnaire" in BR maroon small yellow panel (Dap).....£91  
2D-003-002 Class 52 diesel loco D1038 "Western Sovereign" in BR green small yellow panel (Dap).....£91  
2D-003-003D Class 52 diesel loco D1056 "Western Sultan" in BR maroon full yellow panel, DCC fitted (Dap).....£108  
2D-004-008 Class 56 diesel 56056 in Construction (Doncaster built) (Dap) £101  
2D-004-006 Class 56 diesel 56070 in BR blue (Doncaster built) (Dap) **NEW**.....£101  
2D-004-005 Class 56 diesel 56089 in EWS (Doncaster built) (Dap).....£101  
2D-004-007 Class 56 diesel 56090 BR blue large logo (Doncaster built) (Dap) **NEW**.....£101



2D-004-009 Class 56 diesel 56105 in Colas Rail freight (Doncaster built) (Dap) **NEW**.....£101



371-655 Class 57/3 diesel 57605 "Totnes Castle" First Great Western (Gra).....£91.76  
ND103h Class 58 Diesel 58044 Triple Grey Unbranded (Dap) (list £123.10).....**BARGAIN**.....£69



ND103J Class 58 Diesel in EWS (Dap).....£95



371-355 Class 60 diesel 60011 in DB Schenker (Gra).....£90.49



371-384 Class 66 diesel 66209 EWS - weathered (Gra).....£99.41  
371-385 Class 66 diesel 66546 in Freightliner (Gra).....£89.21  
ND201D Class 66 diesel 66729 in GBRF Europorte "Derby County" (Dap).....£99  
371-396 Class 66/9 diesel 66731 "InterhubGB" in GBRF (Gra).....£89.21



371-636 Class 70 PowerHaul diesel 70003 Freightliner (Gra).....£101.11

### Electric locos

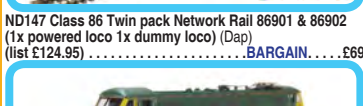
ND099m Class 86 Bo-Bo Electric 86401 Network South East style panto (Dap) (list £117.89).....**BARGAIN**.....£59  
ND099S Class 86 electric 86605 Freightliner Triple Grey Dummy (Dap) (list £43.95).....**BARGAIN**.....£26



ND099Q Class 86 electric Freightliner Power Haul new style panto (Dap) (list £117.89).....**BARGAIN**.....£59



ND147 Class 86 Twin pack Network Rail 86901 & 86902 (1x powered loco 1x dummy loco) (Dap) (list £124.95).....**BARGAIN**.....£69



371-777 Class 90 electric 90046 Freightliner (Gra) (list £100).....**BARGAIN**.....£54

### HSTs



ND122G Class 43 HST Book Set in Cross Country Trains (Dap).....£128  
ND122L Class 43 HST Book Set in East Midlands Trains (Dap).....£128

### DMUs



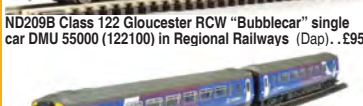
371-503 Class 101 2-car DMU BR blue & grey "Express Parcels" (motor in each car) (Gra) (list £127.35).....**BARGAIN**.....£79



371-876 Class 108 2-car DMU in BR blue (Gra).....£68



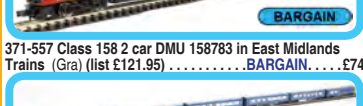
ND209B Class 122 Gloucester RCW "Bubblecar" single car DMU 55000 (122100) in Regional Railways (Dap).....£95



ND113A Class 156 2-car DMU dummy "Northern Rail" (Dap).....£45



371-557 Class 158 2-car DMU 158783 in East Midlands Trains (Gra) (list £121.95).....**BARGAIN**.....£74

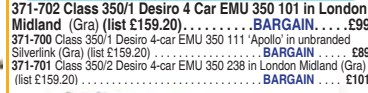


371-741 Class 251 Blue Pullman 6 car Midland set in Nanking blue full yellow ends (Gra) (list £269.95).....**BARGAIN**.....£171

### EMUs



371-702 Class 350/1 Desiro 4 Car EMU 350 101 in London Midland (Gra) (list £159.20).....**BARGAIN**.....£99



371-700 Class 350/1 Desiro 4-car EMU 350 111 "Apollo" in unbranded Silverlink (Gra) (list £159.20).....**BARGAIN**.....£89  
371-701 Class 350/2 Desiro 4-car EMU 350 238 in London Midland (Gra) (list £159.20).....**BARGAIN**.....£101



372-677 Class 411 4 CEP 4 car EMU in BR blue & grey (Gra).....£124  
372-676 Class 411 4 CEP 4 car EMU in BR green (Southern Region) yellow warning panels (Gra).....£124  
372-675 Class 411 4 CEP 4 car EMU in BR green (Gra).....£124

### Train sets - analogue



370-110 Depot Master train set Class 04 in BR Green & 3 wagons (Gra).....£84.99

### Train sets - DCC



NDIESEL2 DCC train set Class 56 in LoadHaul, 3 x Telescopic steel wagons, Gaugemaster DCC23 decoder fitted (Dap).....£232

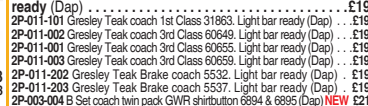
### Coaches



2P-011-201 Gresley Teak Brake coach 5548. Light bar ready (Dap).....£19



2P-011-301 Gresley Teak Buffet coach 9129. Light bar ready (Dap).....£19



2P-011-001 Gresley Teak coach 3rd Class 60649. Light bar ready (Dap).....£19  
2P-011-002 Gresley Teak coach 3rd Class 60649. Light bar ready (Dap).....£19  
2P-011-001 Gresley Teak coach 3rd Class 60655. Light bar ready (Dap).....£19  
2P-011-002 Gresley Teak coach 3rd Class 60659. Light bar ready (Dap).....£19  
2P-011-202 Gresley Teak Brake coach 5532. Light bar ready (Dap).....£19  
2P-011-203 Gresley Teak Brake coach 5537. Light bar ready (Dap).....£19  
2P-003-004 B Set coach twin pack GWR shirubition 6894 & 6895 (Dap) **NEW**.....£21



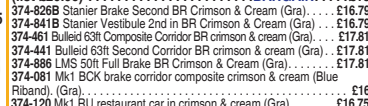
374-804A Mk1 RFO Restaurant Car Chocolate & Cream (Gra) (list £17.40).....**BARGAIN**.....£11



374-431 Bulleid 63ft Semi-open Brake Third in BR crimson & cream (Gra).....£17.81



374-831B Stanier Brake First BR Crimson & Cream (Gra) (list £20.95).....**BARGAIN**.....£13



374-826B Stanier Brake Second BR Crimson & Cream (Gra).....£16.79  
374-841B Stanier Vestibule 2nd in BR Crimson & Cream (Gra).....£16.79  
374-461 Bulleid 63ft Composite Corridor BR crimson & cream (Gra).....£17.81  
374-441 Bulleid 63ft Second Corridor BR crimson & cream (Gra).....£17.81  
374-886 LMS 60ft Full Brake BR Crimson & Cream (Gra).....£17.81  
374-081 Mk1 BCK brake corridor composite crimson & cream (Blue Riband) (Gra).....£16  
374-120 Mk1 RU restaurant car in crimson & cream (Gra).....£16.75



374-440 Bulleid 63ft Second Corridor BR (SR) green (Gra).....£17.81  
374-430 Bulleid 63ft Second Corridor Open BR (SR) green (Gra).....£17.81  
374-083 Mk1 BCK brake corridor composite in green (Blue Riband) (Gra).....£16  
374-131 Mk1 GUV in green (Blue Riband) (Gra).....£16



374-161 Mk1 FK first corridor in maroon (Gra).....£16.75  
374-816 Mk1 FO First Open Maroon (Blue Riband) (Gra).....£16  
2P-001-101 Collett 2nd class coach W1117 BR maroon/crimson (Dap).....£17



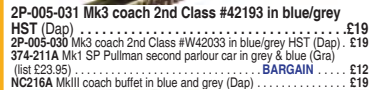
# Hatton's

Serving the model railway community for over 65 years

- 2P-000-200 Collett brake coach W5649 in BR maroon/crimson (Dap) £17  
 2P-000-001 Collett composite coach W7016 in BR maroon/crimson (Dap) £17  
 2P-000-002 Collett composite coach W7021 in BR maroon/crimson (Dap) £17  
 374-885 LMS 50ft Full Brake crimson lake (Gra) £17.81  
 374-310B Mk1 57ft suburban brake second in maroon (Gra) £15.18  
 374-271B Mk1 57ft suburban second compartment in maroon (Gra) £15.18  
 374-830B Stanier Brake First LMS Crimson Lake (Gra) £12.95  
 374-845B Stanier Vestibule First Corridor LMS Crimson Lake (Gra) £12.95  
 374-832 Stanier 1st class brake BR maroon M5062M (Gra) £12.95  
 374-832 Stanier 1st class brake BR maroon M5062M (Gra) £12.95  
 374-832 Stanier 1st class brake BR maroon M5062M (Gra) £12.95



CM002 Mk3 book set 4 coaches in blue/grey buffers (Dap) £71  
 2P-005-021 Mk3 coach 1st Class #42127 in blue/grey HST (Dap) £19  
 2P-005-020 Mk3 coach 1st Class #41125 in blue/grey HST (Dap) £19  
 2P-005-032 Mk3 coach 2nd Class #42187 in blue/grey HST (Dap) £19



2P-005-031 Mk3 coach 2nd Class #42193 in blue/grey HST (Dap) £19  
 2P-005-030 Mk3 coach 2nd Class #42033 in blue/grey HST (Dap) £19  
 2P-211A Mk1 SP Pullman second parlour car in blue & blue (Gra) £12.95  
 2P-005-001 Mk3 coach 2nd Class #42083 'E' in First Great Western (Dap) £12.95  
 NC216A Mk1 coach buffet in blue and grey (Dap) £19



374-900 Mk1 TPO Coach Royal Mail Travelling Post Office Red (Gra) £16  
 NC216F Mk1 coach buffet in Intercity Executive #40407 HST (Dap) £19  
 2P-005-000 Mk3 coach 1st Class #41103 'G' in First Great Western (Dap) £17  
 2P-005-001 Mk3 coach 2nd Class #42083 'E' in First Great Western (Dap) £17

## Wagons

- 377-981 12 Ton Eastern Ventilated Van Comurgated Ends BR Late Bauxite (Gra) £9  
 377-981 Pack of 4 (Gra) (list £38) BARGAIN £32  
 377-981 Megapack of 8 (Gra) (list £76) BARGAIN £60  
 2F-034-011 21 Ton hopper wagon "BR" (ex-NB118) (Dap) £8  
 373-925B 30 Ton bogie bolster wagon in BR Gulf red (Gra) £12.54  
 373-900E 46 Tonne gvw HAA Hopper Freight Brown - weathered (Gra) £11.01



373-976A 46 Tonne POA box mineral wagon reinforced ends in "ARC (Tiger)" Yellow. (Gra) (list £11.40) BARGAIN £7  
 2F-031-005 6 Wheel Milk Tanker "Co-op London" (Dap) £11  
 2F-031-003 6 wheel milk tanker "Independent Milk" (Dap) £11  
 2F-031-002 6-wheel milk tanker "Express Dairies" (Dap) NEW £11



377-901 Pack of 4 BAA steel carrier wagon coils in Railfreight Metals sector (Gra) (list £91.80) BARGAIN £72  
 377-901 Single (Gra) £19  
 377-901 Megapack of 8 (Gra) (list £183.60) BARGAIN £104



2F-047-006 CCT parcel van M527051 in BR maroon (Dap) £13  
 377-095 Coal Trader Triple Pack - 7 Plank Private Owner Wagons weathered (Gra) £21.21  
 377-096 Coal Trader Triple Pack - 7 Plank Wagons BR (Ex-Private Owner) P Numbers - weathered (Gra) £21.21  
 2F-013-014 Gunpowder van NE 71421 - weathered (Dap) NEW £9  
 2F-013-013 Gunpowder wagon NE 71421 (Dap) NEW £8.50



377-355 Intermodal Bogie Wagons With Two 45ft Containers "DHL" (Gra) £30



377-366 Intermodal Bogie Wagons With Two 45ft Containers "Geest". (Gra) (list £36.95) BARGAIN £22  
 377-356 Intermodal Bogie Wagons With Two 45ft Containers "Samskip". (Gra) (list £36.95) BARGAIN £22



377-650 Pack of 4 M4A "Monsterbox" EWS buffers (Gra) (list £89) BARGAIN £48  
 377-650 Single (Gra) (list £22.25) BARGAIN £14  
 377-650 Megapack of 8 (Gra) (list £178) BARGAIN £92



373-007C PCA bulk powder wagon 'Castle Cement' grey - weathered (Gra) (list £9.95) BARGAIN £7  
 377-927 PCA Metalair Bulk Powder Wagon Grey - Weathered. (Gra) (list £10.30) BARGAIN £8  
 373-076D PCA taper bulk powder wagon 'Ketton Cement' Yellow (Gra) (list £9.95) BARGAIN £6  
 373-075E PCA taper bulk powder wagon 'Ketton Cement' Yellow (Gra) (list £9.95) BARGAIN £6  
 NHSPEC004 Silver Bullet China Clay bogie wagon in ex-works pristine silver 37 879 8 044-5. Ltd edition of 250 (Dap) (list £24.95) BARGAIN £18



2F-027-004 Silver Bullet wagon Nacco # 33 80 7898 044 - weathered (Dap) £23



2F-023-009 Siphon H milk wagon 1426 in GWR (Dap) £12  
 2F-023-013 Siphon H milk wagon 1426 in GWR - weathered (Dap) NEW £12



377-725 Pack of 4 SPA Wagon Steel Coil Wagon in Railfreight red (Gra) (list £63.40) BARGAIN £42  
 377-725 Single (Gra) (list £15.85) BARGAIN £11  
 377-725 Megapack of 8 (Gra) (list £126.80) BARGAIN £80  
 377-635 Triple pack 12 Ton BR plywood fruit van BR bauxite early - weathered (Gra) (list £28.95) BARGAIN £19



377-990 Triple pack 12 Ton ventilated vans BR bauxite early - weathered (Gra) (list £29.95) BARGAIN £19



377-965 Triple pack 13 Ton high sided steel open wagons BR bauxite - weathered (Gra) £22.74



373-666 Triple pack 14 Ton tank wagons "Esso" - weathered (Gra) £24.31



373-270 Triple pack 8 Ton cattle wagons in BR bauxite early - weathered (Gra) £23.29



377-335 Triple pack Conflat wagons BR bauxite AF containers light blue - weathered (Gra) (list £31.95) BARGAIN £19



36-558A 6-pin 2-function decoder (suitable for OO & N gauge locos and use on analogue track) (Bac) £15.26



36-556RA 6-pin E-Z Command 90 degree right-angled decoder (DC Compatible) (Bac) £14.54  
 DCC-TS2SAP 8-pin 2-function TS Series small & thin decoder Stay Alive (DCC) £23.95

## DCC accessory decoders

### Lighting equipment

DCD-ADS8 Solenoid accessory decoder (8-way) (DCC) £41  
 NC040a Light Bar coach lighting unit for modern coaches/multiple units (Class 156/Mk1 'Plug&Play') (Dap) £7  
 NC040b Light Bar coach lighting unit for older coaches (Collett coaches 'Plug&Play') (Dap) £8  
 GM58 N Gauge Buffer lights x 2 (Gau) £10  
 Cables & Wires  
 PL-82 Power feed joiners - Code 55/80 (x4 pairs) (Pec) £6

## Spares

2A-000-006 Coupling magnets (ex-NSPARE7A) - 1 pair (Dap) £5  
 SL-311 Insulated Rail Joiners/Fishplates for N & 009 gauge (12 per pack) (Pec) £150  
 2A-000-008 Magnetic NEM couplers - medium arm (ex-NSPARE8) - 5 pairs (Dap) £17  
 2A-000-009 Magnetic coupling conversion kit for non-NEM couplings (ex-NSPARE9) (Dap) £8  
 2A-000-013 Magnetic couplings - long arm - 5 pairs (Dap) £18  
 2A-000-014 Magnetic couplings - short arm - 5 pairs (Dap) £12  
 SL-310 Rail Joiners/Fishplates for N & 009 gauge (24 per pack) (Pec) £150

## Buildings - railways



40-027 Bluebell Waiting Room (Gra) (list £42.95) BARGAIN £23



42-083 Carriage Shed (Gra) (list £34.95) BARGAIN £16  
 42-097 Depot water tower (80 x 48 x 86mm) (Gra) £29.71



42-050 Four Road Engine Shed (155 x 206 x 51mm) (Gra) £60  
 42-126 Single Road Servicing Shed (161 x 45 x 48mm) (Gra) £28

## Man-made scenic structure - railway-related

379-200 x 4 Platform sections (red brick) (Gra) £9



42-070 Coaling Tower (138 x 104 x 175mm) (Gra) £64  
 NCAT1 Overhead Mk3 High Speed Catenary Single Mast (Pack of 10) (Dap) £4  
 NB-55 Turntable Kit, well type, deck length 151mm (Pec) £12

## Signals

2L-001-003 Signal - motorised, GWR home round post (Dap) £22  
 2L-002-001 Signal - Motorised, LMS home upper quadrant (ex-NSIGN3) (Dap) £22

## Buildings - general



42-076 Garage (61mm x 57mm x 41mm) (Gra) £21  
 42-077 Georgian Townhouse (61 x 51 x 58mm) (Gra) £21  
 42-081 Portable Offices (66 x 28 x 39mm) (Gra) £16  
 42-125 Rural Workers Cottages (72mm x 43mm x 65mm) (Gra) £21

## Man-made scenic structure - non-railway



NF8 Security fencing barbed wire kit 9ft high (150ft long) (Anc) £8.50

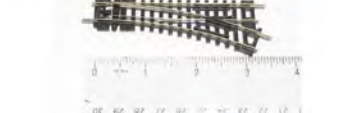
## Bridges, Tunnels & Walls



251 Three arch viaduct (Rat) £15

## Track - Code 80 Setrack

ST-11 Double straight track (Pec) £150  
 ST-20 Level Crossing gates for single track (Pec) £6  
 ST-19 N Setrack No. 4 radius double curve (Pec) £2  
 ST-17 N Setrack No.3 radius double curve (8 form a circle). £175  
 ST-12 No.1 radius double curve (Pec) £120  
 ST-3 No.1 radius single curve (Pec) £1  
 ST-15 No.2 radius double curve (Pec) £125  
 ST-6 Setrack left hand point insulfrog (Pec) £8



ST-5 Setrack right hand point insulfrog (Pec) £8  
 ST-1 Standard straight track (Pec) £1  
 ST-300 Starter Track Set (Pec) £42

## Track - Code 80 Streamline

SL-302 1 yard (91.5cm) length of Concrete Sleeper Nickle Silver Flexible track (Pec) £270  
 SL-302 Pack of 25 (Pec) £53  
 SL-300 1 yard (91.5cm) length of Wooden-Sleeper Nickle Silver Flexible track (Pec) £260

## SL-300 Pack of 25 (Pec) £52

SL-E387 Left hand curved point insulfrog (Pec) £9  
 SL-387 Left hand curved point insulfrog (Pec) £9  
 SL-E388 Left hand large point insulfrog (Pec) £9  
 SL-388 Left hand large point insulfrog (Pec) £9  
 SL-E396 Left hand medium point insulfrog (Pec) £8  
 SL-396 Left hand medium point insulfrog (Pec) £8  
 SL-E386 Right hand curved point insulfrog (Pec) £9  
 SL-386 Right hand curved point insulfrog (Pec) £9  
 SL-E388 Right hand large point insulfrog (Pec) £9  
 SL-388 Right hand large point insulfrog (Pec) £9  
 SL-E395 Right hand medium point insulfrog (Pec) £8  
 SL-395 Right hand medium point insulfrog (Pec) £8

## Track - Code 55 Finescale Streamline



SL-300F Pack of 30 1 yard (91.5cm) length of Finescale Nickle Silver flexible track (Pec) £68  
 SL-300F Single (Pec) £290  
 SL-302F 1 Yard of Nickle Silver Flexible Track Concrete Sleepers (Pec) £3  
 SL-302F Pack of 30 (Pec) £78  
 SL-E399F 3-way finescale turnout (Pec) £26  
 SL-E387F Finescale curved double radius left hand point insulfrog (Pec) £9.50  
 SL-E386F Finescale curved double radius right hand point insulfrog (Pec) £9.50  
 SL-E390F Finescale double slip insulfrog (Pec) £31  
 SL-390F Finescale double slip insulfrog (finescale only) (Pec) £31  
 SL-E396F Finescale left hand medium point insulfrog (Pec) £8.50  
 SL-E392F Finescale left hand small point insulfrog (Pec) £8  
 SL-E394F Finescale long crossing insulfrog (Pec) £10  
 SL-E388F Finescale right hand large point insulfrog (Pec) £9.50  
 SL-E395F Finescale right hand medium point insulfrog (Pec) £8.50  
 SL-E391F Finescale right hand small point insulfrog (Pec) £8  
 SL-E383F Finescale scissors crossover insulfrog (Pec) £52  
 SL-E380F Finescale single slip insulfrog (Pec) £30  
 SL-E397F Finescale Y Point. Insulfrog (Pec) £10

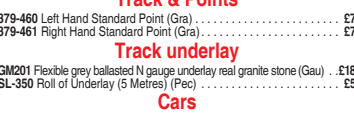
## Track & Points

379-460 Left Hand Standard Point (Gra) £7  
 379-461 Right Hand Standard Point (Gra) £7

## Track underlay

GM201 Flexible grey ballasted N gauge underlay real granite stone (Gau) £18  
 SL-350 Roll of Underlay (5 Metres) (Pec) £5

## Cars



NMN001 Austin Mini in Tartan Red Union Jack roof (Oxf) £3

## Commercial vehicles



NPB001 Commer PB Postbus Royal Mail (Oxf) NEW £4  
 NPT005 Ford Transit Ford Transit Network Rail (Oxf) NEW £4.45  
 TSV300 Hitachi TX160 Road/Rail Telescopic Crane in orange (Tra) £5.50



NTCAB001 Scania T Cab Curtainside "Stobart" (Oxf) £9



NSCA001 Scania Topline Curtainside "Stobart" (Oxf) £9



NT9 228mm (9") Radius Tracksetta (Pec) NEW £6.24  
 NT10 254mm (10") Straight Template Tracksetta (Pec) NEW £6.24  
 NT12 304mm (12") Radius Tracksetta (Pec) NEW £6.24  
 NT15 381mm (15") Radius Tracksetta (Pec) NEW £6.24  
 NT18 457mm (18") Radius Tracksetta (Pec) NEW £6.24  
 NT21 533mm (21") Radius Tracksetta (Pec) NEW £6.24  
 NT24 610mm (24") Radius Tracksetta (Pec) NEW £6.24  
 NT30 762mm (30") Radius Tracksetta (Pec) NEW £6.24  
 NT38 915mm (36") Radius Tracksetta (Pec) NEW £6.24

## Tools



BL99032C J39 0-6-0 Freight loco 1586 in LNER black (Bas) (list £589.99) BARGAIN £390  
 BL99031B J39 0-6-0 Freight loco 64781 in BR black late crest (Bas) (list £589.99) BARGAIN £390



3103 Class 31 Brush diesel-electric in BR Blue logos under cabs - Ltd Ed (Hel) £445

## Wagons



BL99077 12 Ton Ventilated Van in SR brown (Bas) (list £37.50) BARGAIN £25



BL99077 12 Ton Ventilated Van in SR brown (Bas) (list £37.50) BARGAIN £25





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### Trams



7F-051-007 5-plank wagon "SR" (Dap) .....£35



7F-080-012 8-plank wagon "Rose, Smith" (Dap) .....£33

### DCC accessory decoders

DCD-AD58 Solenoid accessory decoder (8-way) (DCC) .....£41

### Track - Code 124 Bullhead Streamline



SL-700BH Box of 12 1 Yard O Gauge Flexible Nickel Silver Track (Bullhead Nickel Silver Rail) (Pec) .....£60  
SL-700BH Single (Pec) .....£6



SL-E790BH Double slip (8 degree angle) Electrofrog (Pec) .....£75



SL-E791BH Right hand point bullhead rail and electrofrog (Pec) .....£36  
ST-725 Setrack Bullhead 2nd radius standard curve 410mm (16") radius 1020mm (40.5") 16 make a circle (Pec) .....£6.50  
SL-E797BH Y Point bullhead rail & electrofrog (Pec) .....£36

### Cars



VA13304 Ford Capri Mk1 3.0GT, Thames Valley Police (Cor) **NEW** .....£22



VA13303 Ford Capri Mk1 3000GT, Roger Clark 1973 Avon Tour of Great Britain, DNF (Cor) .....£23  
VA11907 Ford Cortina MkIV 2.0 Gria Oyster gold SPECIAL EDITION (Cor) £19  
VA12607A Ford Escort Mk2, 1.3 Gria Astro Silver RHD (UK) (Cor) .....£20  
VA12507A Ford Fiesta Mk1 XR2, Diamond White RHD (UK) (Cor) .....£20  
VA13501 Mini 1275 GT, 1970 Scottish Rally, Paddy Hopkirk & Tony Nash - 2nd overall, 1st in class. **NEW TOOLING** (Cor) **NEW** .....£23



VA13500 Mini 1275 GT, Bronze Yellow 'Trevor' (Cor) **NEW** £17  
VA12708 Peugeot 205, Rallye (UK) in Express yellow (Cor) **NEW** .....£20

### Commercial vehicles

43AT003 AFS Low Loader Taxi (Oxf) .....£17



43APH001 Austin Princess 125 Hearse in Black (Oxf) .....£19

### Public Service vehicles

VA12408 Ford Granada MkII Series1 2.8 'Leicestershire Police' (Cor) £22

## G Scale

### Steam locos

91404 Emily Steam loco (with moving eyes) (Thomas the Tank range) (Bac) .....£205

### Track & Points



16000 Curved track radius 3 22.5 degrees (LGB) .....£11  
10610 Straight track 1200mm long (LGB) .....£23  
10610 Box of 6 (LGB) .....£124



91405 Toby the Tram Engine (with moving eyes) (Thomas the Tank range) (Bac) .....£157.25

## Any or Multiple Scales

### Analogue controllers

DC075 "Tech 6" controller - allows control of a DCC chipped loco on a traditional analogue layout (Gau) .....£89  
DS Double power controller brake simulator (Gau) .....£119



D Double track power controller (Gau) .....£69



Q Quadruple 4 circuit power controller (Gau) .....£125  
SS-1 Super shuttle controller (Gau) .....£24  
W Walkabout circuit controller (Gau) .....£29

### Analogue power supplies



M1 Transformer Output 2 x 16v AC 1A (Gau) .....£37  
T1 Uncased 2 x 16v AC Transformer (Gau) .....£18

### Analogue point control

A001Smart 4 Servo control & operation set complete switches, control board & digital readout for Analogue operation (ANE) .....£57



CDU Capacitor Discharge Unit (Gau) .....£11  
PL-35 Capacitor Discharge Unit Mk2 (Pec) .....£12  
PL-15 Twin Microswitch (Pec) .....£6

### DCC decoders

10311-02 2-function 2-sided 0.5/0.8A Silver mini decoder NEM651 plug (Len) .....£29  
10310-02 2-function 2-sided 0.5/0.8A Silver mini wired decoder (Len) .....£29  
10321-01 21-pin 4-function 1-sided 1.1A Silver decoder (Len) .....£25



36-557 21-pin E-Z Command 4-function 1A decoder back EMF (Bac) .....£15  
524-121 4-function 1.3A (2A peak) D13SR wired decoder (Size: 1.35" x 0.63" x 0.110" - very thin) x 10 (NCE) .....£14



DCR-8PIN-01 8-pin (harness) 4-function 1.1Amp decoder back EMF (see description for full specifications) (Hat) .....£10  
DCR-8PIN-ValuePack05 (Hat) .....£48  
DCR-8PIN-ValuePack10 (Hat) .....£94  
DCR-8PINSA-01 8-pin (harness) 4-function 1.1Amp decoder back EMF 'Stay Alive' (see description for full specifications) (Hat) .....£11  
DCR-8PINSA-ValuePack05 (Hat) .....£99  
DCR-8PINSA-ValuePack10 (Hat) .....£99  
DCR-8PIN-2SAX-01 8-pin 2-function 1.1Amp small & thin decoder back EMF (Hat) .....£11  
DCR-8PIN-2SAX-ValuePack05 (Hat) .....£50  
DCR-8PIN-2SAX-ValuePack10 (Hat) .....£99



10231-01 8-pin 3-function 1-sided 1/1.8A decoder (Outputs A, B & C) (Len) .....£18



36-553 9-pin 3-function 1A decoder back EMF (Bac) .....£12  
10331-01 8-pin 4-function 1-sided 1.1A Silver decoder (Len) .....£24  
36-564 8-pin decoder socket harness x1 (Bac) .....£5  
10440 9-function 2.5/5.0A Gold maxi decoder (Len) .....£59  
36-559 DCC 21-pin to 8-pin adaptor/converter. For locos 21-pin sockets to use an 8-pin decoder in (Bac) .....£3.50

## DCC accessory decoders

36-561 EZ Command Dynamis 4-output point decoder (similar to Hornby R8247) (Bac) .....£36  
DCD-AD58 Solenoid accessory decoder (8-way) (DCC) .....£41

### DCC controllers

DCP-AD1 Cobalt 1-way accessory decoder (DCC) .....£11



50200 ECoS ESU Command Station DCC controller full colour LCD touch screen & dual controllers motorised dials & easy CV (ESU) .....£509



36-520 EZ Command 5 amp booster transformer (Bac) .....£165



36-507 EZ Command Dynamis system - Additional handset (Bac) .....£59



DCC02 Prodigy "Advance 2" starter DCC controller package (Gau) .....£199  
DCC49 Prodigy 8 Amp booster unit (Gau) .....£144



DCC01 Prodigy Express Package. Can be extended the DCC13 Walkaround or DCC51 Wireless (Gau) .....£124  
524-027 SB5 Smart Booster Entry level 5A DCC system for use Power Cab controller (NCE) .....£144  
DCC13 Wireless Walkaround unit for the Prodigy Advance 2 DCC system (DCC03) (Gau) .....£159



11150 L11150 (LS150) Switch Module 6 AC Outputs (Len) .....£41  
23151 USB DCC computer interface and ethernet gateway software (Len) .....£124

### DCC accessories

PL-9 5 Mounting Plates for use PL-10E (Pec) .....£2.25



PL-10 Point Motor (Switch Machine) (Pec) .....£4.50  
PL-10 Bag of 6 (Pec) .....£26  
PL-10E Point Motor Extended Pin (use PL-9) (Pec) .....£4.50  
PL-10E Bag of 6 (Pec) .....£25  
PM-2 Seep point motor (Gau) .....£3.50  
PM-4 Seep point Motor Self Latching Switch (Gau) .....£5



DCP-CB1 Cobalt slow-action analogue point motor x 1 (DCC) .....£15  
DCP-CB1D Cobalt slow-action digital DCC point motor x 1 (DCC) .....£21  
PL-10W High performance turnout point motor (Pec) .....£6



PM-1 Seep point motor accessory switch (Gau) .....£4



PL-11 Side mounted point motor (Pec) .....£7



PL-50 Turnout switch module (makes wiring points easy) (Pec) .....£14

### Switches & Levers

GM510 A5H Single Pole Double Throw Momentary Contact Mini-Toggle for Point Motors (Gau) .....£2.50  
PL-13 Accessory Switch for fitting to turnout motor PL10 (Pec) .....£2.50  
DCP-CBS Cobalt S - Lever all accessories - unpainted x 1 (DCC) .....£16



DCP-CBS12 Cobalt S - Lever all accessories - unpainted x 12 (DCC) .....£165  
DCP-CBS8 Cobalt S - Lever all accessories - unpainted x 6 (DCC) .....£90  
PL-22 Lever Operated On/Off Switch (Pec) .....£5.50  
PL-26B Passing Contact Switch - Black Lever (Pec) .....£4.50  
PL-26R Passing Contact Switch - Red Lever (Pec) .....£4.50  
PL-26W Passing Contact Switch - White Lever (Pec) .....£4.50  
PL-26Y Passing Contact Switch - Yellow Lever (Pec) .....£4.50  
PL-27 Switch Console Unit (Pec) .....£3  
PL-51 Turnout switch module add-on (makes wiring easy) (Pec) .....£5

### Electronic components



TLU Tension lock uncoupler (Gau) .....£9  
26211 Turntable Motorising Set (Exp) .....£21

### Accessories

SL-14 Track Fixing Pins (Pec) .....£1.25

### Cables & Wires

PL-34 Pre-wired Wiring Loom for use PL-10 and PL-10E motors (Pec) .....£3.50

### Track underlay

GM130 Cork sheet - 1/16 thickness 3' x 2' (600x900mm) approx (Gau) .....£5.50  
JCS116S Cork Sheet - 1/16" Thick - 12" x 36" (Jav) .....£2



JCS18L Cork Sheet - 1/8" Thick - 24" x 36" (Jav) .....£8

### Glues

AD-57 Rokat Card Glue. Clean, Neat & Instant Card Modelling Glue (ideal For Superquick & Metcalfe) - 50ml (Del) .....£5.20

### Tools



XU2175B Flexible track cutters (XURON) (Gau) .....£15  
DCT-BWS Heavy duty BUS wire stripper (DCC) .....£22.95  
PL-71 Loco servicing kit - servicing cradle, inflis, Powerlube, brush & scraper (Pec) .....£16



DCM-RR6A Rolling Road - Active Set - For N Gauge, OO Gauge & Others - See Description (ex DCP101) (DCC) £61

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## HORNBY

|           |                                                                     |         |
|-----------|---------------------------------------------------------------------|---------|
| R1177     | Gloucester City Pullman Electric Train Set                          | £134.50 |
| R3017     | BR Patriot Class 'Sir Herbert Walker K.C.B.' BR Green (Late) #45535 | £122.95 |
| R3019     | BR (Late) Grange Class 'Paviland Grange' #6845 - Weathered          | £112.95 |
| R3020     | LMS 2-6-4T Fowler 4P Class LMS Red #2308                            | £100.95 |
| R3103     | BR Class A4 'Bittern' #60019 BR Green Double Tender - SE            | £131.95 |
| R3105     | GWR Castle Class 'Wellington' GWR Green Hawksworth Tender           | £122.95 |
| R3118     | BR Castle Class 'Penrice Castle' #7023 BR Green                     | £125.95 |
| R3119     | LMS 4-6-2 Princess Coronation Class 'Duchess of Abercorn' LMS       | £115.95 |
| R3185     | South Eastern 'Sir Chris Hoi' Class 395 Javelin Train Pack          | £157.95 |
| R3187     | GNR 0-6-2T N2 Class #1744                                           | £78.95  |
| R3204     | LSWR 0-4-4T M7 Class - NRM                                          | £113.95 |
| R3205     | BR 4-6-0 'Rood Ashton Hall' 4900 Class                              | £104.95 |
| R3207     | LNER 2-8-2 P2 Class 'Cock O' The North'                             | £107.95 |
| R3221     | LMS Duchess Of Sutherland and Support Coach Train Pack              | £148.95 |
| R3222     | GWR Green 2-8-0 42XX Class Locomotive                               | £104.95 |
| R3224     | BR Black 2-8-0 52XX Class Locomotive                                | £104.95 |
| R3225     | GWR Green 2-8-2 72XX Class Locomotive                               | £113.95 |
| R3227     | BR Black 2-8-0 Class 01 Locomotive 63663                            | £114.95 |
| R3230     | LNER 0-6-0 J15 Class Locomotive - Pre 1948                          | £95.95  |
| R3231     | BR 0-6-0 J15 Class Locomotive - Early BR                            | £95.95  |
| R3232     | BR 0-6-0 J15 Class Locomotive - Late BR                             | £95.95  |
| R3233     | LNER 4-4-0 D16/3 Class - Pre 1948 Locomotive                        | £95.95  |
| R3234     | BR 4-4-0 D16/3 Class - Early BR Locomotive                          | £95.95  |
| R3235     | BR 4-4-0 D16/3 Class - Early BR (1948) Locomotive                   | £95.95  |
| R3236     | BR 4-6-2 'Duke Of Gloucester' Class 8 - Late BR 1960                | £109.95 |
| R3237     | GWR 4-6-0 'Caerphilly Castle' Castle Class - NRM                    | £128.95 |
| R3238     | SR 0-6-0 700 Class Locomotive - 1920s-1930s                         | £95.95  |
| R3239     | BR 0-6-0 700 Class - Late BR Locomotive                             | £95.95  |
| R3240     | BR 0-6-0 700 Class - Early BR Locomotive                            | £95.95  |
| R3242     | BR 2-6-0 K1 Class - Early BR Locomotive                             | £113.95 |
| R3243/A   | BR 2-6-0 K1 Class - Late BR Loco - Different Running Numbers        | £113.95 |
| R3244/TTS | BR Green 4-6-2 'Duke Of Gloucester' #71000 with TTS Sound           | £122.95 |
| R3245/TTS | BR Blue 4-6-2 'Tornado' Peppercom A1 Class TTS Sound                | £135.95 |
| R3246/TTS | LNER 2-8-2 'Cock O' The North' P2 Class Locomotive TTS Sound        | £135.95 |
| R3258     | BR 2-BLL 2 Car Electric Multiple Unit Train Pack                    | £113.95 |
| R3260     | SR 2-HAL 2 Car Electric Multiple Unit Train Pack                    | £113.95 |
| R3263     | BR Co-Co Diesel Electric 'Vanguard' Class 50 024 Locomotive         | £129.95 |
| R3267/XS  | Transrail Co-Co Diesel Electric Class 60 005 Skiddaw DCC Sound      | £217.95 |
| R3268     | Arriva Train Wales Bo-Bo Diesel Electric Class 67 003 Locomotive    | £122.95 |
| R3269     | BR InterCity 125 Class 43 HST (Eastern Region) Pack                 | £183.95 |
| R3270     | Midland Mainline Class 43 HST Pack                                  | £183.95 |
| R3271     | BR InterCity Class 43 HST Pack                                      | £183.95 |
| R3273     | RailRoad BR 2-10-0 Franco Crosti Boiler 9F Class - Early BR         | £104.95 |
| R3274     | RailRoad BR 2-10-0 Franco Crosti Boiler 9F Class                    | £104.95 |
| R3284/TTS | RailRoad LNER 4-6-2 Flying Scotsman A1 Class TTS Sound              | £87.95  |
| R3285/TTS | RailRoad LNER 4-6-2 Gadenhall A4 Class Locomotive TTS Sound         | £87.95  |
| R3286/TTS | RailRoad BR Empress of Canada Class 40 D232 TTS Sound               | £73.95  |
| R3287/TTS | RailRoad BR Class 47 401 BR Blue Diesel Locomotive TTS Sound        | £73.95  |
| R3289/TTS | Network Rail Class 37 97301 Locomotive with TTS Sound               | £73.95  |
| R3290/A   | BR 2-HAL 2 Car Electric Multiple Unit - Different Running Numbers   | £113.95 |
| R3291/XS  | Colas Rail Freight Co-Co Diesel Class 56094 with DCC Sound          | £217.95 |
| R8213     | DCC Select Controller                                               | £92.50  |
| R8214     | DCC Elite Controller                                                | £203.50 |
| R8249     | 4 Function Decoder                                                  | £14.00  |
| R8312     | eLink and RailMaster Combination Pack                               | £76.50  |

## BACHMANN

|          |                                                                 |         |
|----------|-----------------------------------------------------------------|---------|
| 30-042   | Digital Starter Train Set                                       | £127.49 |
| 30-048   | The Highlanders' Digital Sound Train Set                        | £250.71 |
| 30-053   | Torbay Express Train Set                                        | £96.05  |
| 30-170   | Thames Valley Express Electric Train Set                        | £144.46 |
| 30-575   | The Railway Children Collectable Train Pack                     | £110.46 |
| 31-029   | Class 166 Networker 3 Car DMU #166204 Thames Trains             | £125.76 |
| 31-119   | BR Standard Class 4MT #75035 BR Black Late Crest - Weathered    | £110.46 |
| 31-129A  | 3000 Class (ROD) 2-8-0 #3028 GWR Green                          | £114.71 |
| 31-137   | Class D11/2 'Allan-Bane' #6399 LNER Green                       | £106.21 |
| 31-138   | Class D11/2 Hayston of Bucklaw #62682 BR Black Early Emblem     | £106.21 |
| 31-167DC | L6YR 2-4-2 Tank #50795 BR Lined Black E/E - Weathered           | £98.13  |
| 31-187   | Jubilee Class Nelson #5664 LMS Crimson with Stanier Tender      | £110.46 |
| 31-214   | Patriot Class 4-6-0 Giggleswick #45538 BR Green Early Emblem    | £110.46 |
| 31-268   | Class 419 MLV Network South East                                | £72.21  |
| 31-318   | Robinson Class J11 (GCR 9J) #5317 LNER Black 0-6-0              | £76.46  |
| 31-319   | Robinson Class J11 (GCR 9J) #4311 BR Black Early Emblem         | £76.46  |
| 31-320DC | Robinson Class J11 (GCR 9J) #6325 BR Black Late Crest           | £91.76  |
| 31-344   | Class 04 #D2332 Lloyds NCB Industrial Yellow - Weathered        | £62.86  |
| 31-365   | Class 03 #D3170 BR Blue Wasp Stripes & Air Tanks - Weathered    | £63.71  |
| 31-431   | Midland Class 1F #41708 BR Black Early Emblem (Preserved)       | £67.79  |
| 31-441DC | ivatt Class 2MT 2-6-2 Tank #41291 BR Lined Black Late Crest     | £81.13  |
| 31-463   | C Class 0-6-0 #271 SECR Plain Green                             | £76.46  |
| 31-465   | C Class 0-6-0 #31579 BR Black Late Crest                        | £76.46  |
| 31-517DS | Class 158 2 Car DMU #158849 Regional Railways *SOUND*           | £233.71 |
| 31-614   | Class V3 Tank #67609 BR Lined Black Late Crest Cranked Pipes    | £76.46  |
| 31-635   | Class 64x0 0-6-0 Pannier Tank #407 GWR Green                    | £65.41  |
| 31-637   | Class 64x0 0-6-0 Pannier Tank #6400 BR Lined Green Late Crest   | £65.41  |
| 31-656DC | Class 47 #D1677 'Thor' BR Green Yellow Ends                     | £95.50  |
| 31-658   | Class 47 #47190 Pectinidae BR Petroleum Sector - Weathered      | £97.71  |
| 31-679   | Type ALS Electric #E3095 BR Electric Blue Small Yellow Panel    | £100.26 |
| 31-691   | LMS Stanier Mogul Class #42969 BR Lined Black Early Emblem      | £101.11 |
| 31-692   | LMS Stanier Mogul Class #42968 BR Lined Black L/C (Preserved)   | £101.11 |
| 31-920   | H2 Class Atlantic 4-4-2 2426 St Albans Head SR Olive Green      | TBA     |
| 31-921   | H2 Class Atlantic 4-4-2 32424 Beachy Head BR Black Early Emblem | TBA     |
| 31-979A  | BR Standard Class 3MT Tank #82001 BR Black E/E - Weathered      | £80.71  |
| 31-995   | LMS 10000 BR Brunswick Green, Lined Orange & Black              | £89.50  |
| 31-996   | LMS 10000 BR Brunswick Green, Part Eggshell Blue Waistband      | £89.50  |
| 31-997   | LMS 10001 BR Brunswick Green, Blue Waistband Yellow Panels      | £89.50  |
| 32-038DS | Class 20 #D2014 BR Blue Indicator Dials - Weathered *SOUND*     | £195.46 |
| 32-065   | Class 43 'Waship' #D865 Zealoud #D865 BR Maroon Yellow Panel    | £76.46  |
| 32-066   | Class 43 'Waship' 'Pegasus' #D835 BR Green Yellow Panel         | £76.46  |
| 32-085   | Class 56XX #6639 BR Black Early Emblem                          | £63.71  |
| 32-233   | Fowler Class 3F 0-6-0 (Inty) #23 SDJR Blue                      | £62.01  |
| 32-260DC | WD Austerity 2-8-0 #90448 BR Black Late Crest                   | £125.29 |
| 32-285   | Class 101 2 Car DMU BR Green with Speed Whiskers                | £110.46 |
| 32-286   | Class 101 2 Car DMU BR Green with Yellow Warning Panel          | £110.46 |
| 32-331   | Class 25/1 #25043 BR Green Full Yellow Ends - Weathered         | £71.06  |
| 32-440   | Class 24/1 DS135 BR Green                                       | £73.06  |
| 32-442   | Class 24/1 #24137 BR Blue                                       | £73.06  |
| 32-481   | Class 40 #D369 BR Green Centre Head Code                        | £81.56  |
| 32-5298  | Class 55 #D9011 BR Two Tone Green                               | £82.88  |
| 32-550C  | Class A1 Tornado #60163 BR Express Blue                         | £128.01 |
| 32-680   | Class 45 #45036 BR Blue Split Centre Head Code                  | £80.71  |
| 32-762DS | Class 57/3 The Hood #57312 Virgin - Weathered *SOUND*           | £220.95 |
| 32-763   | Class 57/3 Pride of Crewe #57309 DRS Compass Blue               | £97.71  |
| 32-784   | Class 37/0 #37242 Mainline Blue Centre Head Code - Weathered    | £83.90  |
| 32-785DS | Class 37/0 #37254 BR Departmental - Weathered *SOUND*           | £208.21 |
| 32-786   | Class 37/0 #37174 EWS Domino Head Code - Weathered              | £83.90  |
| 32-927   | Class 150/12 Car DMU #150128 First Great Western                | £110.46 |
| 32-938   | Class 150/2 #150204 Northern Rail                               | £110.46 |
| 32-992   | Wickham Type 27 Trolley Car BR Engineers Yellow                 | £39.06  |
| 32-993   | Wickham Type 27 Trolley Car BR Engineers Yellow Wasp Stripes    | £39.06  |
| 35-076   | Class E40 6-2 #473 Southern Green                               | £76.46  |
| 35-077   | Class E40 6-2 #32556 BR Black Early Emblem                      | £76.46  |
| 35-600   | Class 20 Diesel Locomotive - DC & DCC Sound                     | £121.55 |
| 35-675   | Class 57x Pannier Tank Locomotive - DC & DCC Sound              | £112.20 |
| 36-553   | DCC Decoder with Back EMF and 3 Function Outputs (8 Pin)        | £11.95  |
| 36-556RA | E-Z Command 90° Pin DCC Decoder                                 | £14.54  |
| 36-557   | 1 Amp 4 Function 21 Pin DCC Decoder with Back EMF               | £14.50  |
| 36-558A  | E-Z Command 6 Pin Decoder for "OO" and "N" gauge                | £15.25  |

## GRAHAM FARISH

|          |                                                                     |         |
|----------|---------------------------------------------------------------------|---------|
| 370-080  | 'Countrywide Coal' Digital Train Set                                | £127.46 |
| 370-500  | Cumbrian Mountain Express Collectable Train Pack                    | £140.21 |
| 371-015B | Class 08 #08856 BR Blue with Wasp Stripes                           | £65.16  |
| 371-019  | Class 08 #08897 EWS - Weathered                                     | £71.70  |
| 371-085  | Class 25/1 #D5188 BR Green                                          | £84.96  |
| 371-087  | Class 25/2 #25234 BR Blue                                           | £84.96  |
| 371-110  | Class 31 #D5563 BR Green - Directional Lighting                     | £87.51  |
| 371-111  | Class 31 #D5596 BR Green Small Yellow Panels - Directional Lighting | £87.51  |
| 371-112  | Class 31 #31173 BR Blue - Directional Lighting                      | £87.51  |
| 371-165  | Class 37/4 #37407 Loch Long BR Blue Large Logo                      | £84.96  |
| 371-168  | Class 37/5 #37506 Railfreight Red Stripe                            | £84.96  |
| 371-169  | Class 37/4 #37409 DRS                                               | £84.96  |
| 371-286  | Class 55 Kings Own Yorkshire Light Infantry #D9002 BR Green SYP     | £84.96  |
| 371-287  | Class 55 Prince of Wales's Own Regiment of Yorkshire #55005 Blue    | £84.96  |
| 371-330  | Class 150/1 #150128 First Great Western                             | £97.91  |
| 371-384  | Class 66 #66209 EWS - Weathered                                     | £99.41  |
| 371-396  | Class 66 (Low Emission Variant) Interhub GB #66731 GBRI             | £89.21  |
| 371-454  | Class 37 #D6827 BR Green Centre Headcode - Weathered                | £93.46  |
| 371-558  | Class 158 2 Car DMU #158871 ScotRail                                | £97.50  |
| 371-604  | Class 42 Waship Onslaught #D832 BR Green                            | £93.46  |
| 371-635  | Class 70 Powerhaul #70006 Freightliner                              | £101.11 |
| 371-656  | Class 57 #57312 Network Rail Yellow                                 | £97.76  |
| 371-657  | Class 57 Pride of Crewe #57309 DRS Compass Livery                   | £97.76  |
| 371-752  | Class 87 Royal Sovereign #87002 BR Blue                             | £89.21  |
| 371-880  | Class 108 2 Car DMU BR Green Small Yellow Panel                     | £101.96 |
| 371-987  | Class 64x0 0-6-0 Pannier Tank #6400 BR Lined Green Late Crest       | £59.46  |
| 372-030  | Castle Class Earl of Dunraven #5044 GWR Lined Green                 | £110.46 |
| 372-181  | Princess Coronation Class Duchess of Hamilton #46229 BR Green       | £127.46 |
| 372-183  | Princess Coronation Class #46240 City of Coventry BR Crimson L/C    | £127.46 |
| 372-212  | Class 3F (Inty) #47345 BR Black Late Crest                          | £59.46  |
| 372-310  | Merchant Navy Class #35024 East Asiatic Company BR Blue E/E         | £127.46 |
| 372-312  | Merchant Navy Class #35028 Clan Line BR Green Late Crest            | £127.46 |
| 372-385  | Class A2/AH Peppercorn #525 LNER Apple Green                        | £123.21 |
| 372-388  | Class A2 Blue Peter #60532 BR Lined Green Late Crest                | £123.21 |
| 372-400  | Class 139 #135 LNER Lined Black Flat Sided Tender                   | £73.91  |
| 372-536  | Class 4MT Tank #80119 BR Lined Black Late Crest                     | £84.96  |
| 372-625  | ivatt Class 2MT #46521 BR Lined Green Late Crest                    | £81.50  |
| 372-626  | ivatt Class 2MT BR Lined Black E/E Locomotive 46440                 | £81.50  |
| 372-653  | BR Standard Class 4MT #76079 BR Lined Black Early Emblem            | £100.26 |
| 372-725  | BR Standard Class 5MT 73068 BR Lined Green Late BRIC Tender         | £103.50 |
| 372-727  | BR Standard 5MT 'Carnegie' BR Lined Black Early BR1B Tender         | £103.50 |
| 372-752  | Fairburn 2-6-4 Tank #42073 BR Black Late Crest                      | £84.96  |
| 372-800A | Class A1 Tornado #60163 BR Lined Brunswick Green                    | £133.75 |
| 372-800B | Class A1 Tornado #60163 BR Express Blue                             | £133.75 |
| 372-930  | N Class 2-6-0 #1406 SR Olive Green Slope-sided Tender               | £110.46 |
| 372-931  | N Class 2-6-0 #31844 BR Black Early Emblem                          | £110.46 |

## RAILS BLACK LMS LIMITED EDITIONS

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31-998 LMS Twins Wooden Box Set #10000/10001 Black/Chrome £249.50

UK POSTAL RATES: £4.00 (1st Class), £4.50 (1st Class Recorded), Special Delivery £8.50 next day delivery inc Saturdays by 10pm (orders must be placed before 200pm on date of despatch), £7.50 per parcel over 2kg sent via ParcelForce courier for next day delivery inc Saturdays (orders must be placed before 3:00pm on date of despatch). This excludes post codes IV, HS, KA27-28, KW, ZE, PA20-78, PH17-50, BT, IM, TR21-25, JE-GY and PO31-41 which will be charged at £12.

WORLDWIDE POSTAL RATES: Postage charged at cost sent via Royal Mail Airmail under 2kg, ParcelForce over 2kg. (Air sure and International signed for available on request).

New releases may be booked in advance.

All mail order or telephone orders despatched immediately with an immediate refund or follow-on option on 'Out of Stock' items. Please advise with your order.

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From M1 North, Junction 33, follow Parkway then A61 Chesterfield Road.  
By Bus: From Midland Station/Transport Interchange catch No 53 (Lowdges) bus to Albert Road (approximately 2 miles).

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Please see over the page for the extensive list of items we buy.  
If you are looking to sell any make we haven't mentioned please contact us anyway as we put a price on anything.

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## Colour coding:

No DCC - DCC READY - DCC Fitted/Sound

## PLEASE NOTE:

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Forthcoming releases will be despatched immediately upon release. If your order contains both current items and forthcoming releases then these will be despatched separately and subject to separate delivery charges.





## DAPOL

### N GAUGE

|                    |                                                              |         |
|--------------------|--------------------------------------------------------------|---------|
| 2D-001-000/1/2/3   | Class 33/0 - Various Liveries & Running numbers              | £91.95  |
| 2D-002-000/1/2/3   | Class 50 - Various Liveries, Names & Running numbers         | £104.95 |
| 2D-003-003/4/5     | Class 52 Diesel - Various Names, Liveries & Running numbers  | £90.95  |
| 2D-004-005/6/7/8/9 | Class 56 (Doncaster Bull) Various Liveries & Running numbers | £102.95 |
| 2D-005-000/1/2/3   | Class 59 - Various Liveries & Running numbers                | £104.95 |
| 2D-007-001         | Class 66 Malcolm Rail & Megafret Wagons Train Pack           | £139.95 |
| 2D-009-000/1/2     | Class 121 - Various Liveries & Running numbers               | £96.50  |
| 2D-012-001/2/4/5   | Class 22 - Various Liveries & Running numbers                | £109.50 |
| 2D-017-001/2       | Mk3 DVT - Network Rail/InterCity                             | £35.95  |
| 2S-002-000/1/2/3   | Schools Class - Various Names, Liveries & Running numbers    | £104.95 |
| 2S-007-005/6/7/8/9 | GWR 57XX - Various Liveries & Running numbers                | £61.50  |
| 2S-008-000/1/2/3   | Class A4 - Various Names, Liveries & Running numbers         | £104.95 |
| 2S-009-001/3       | GWR Class 2884/38xx - Various Liveries & Running numbers     | £104.95 |
| 2S-010-000/1/2/3   | Hall Class - Various Names, Liveries & Running numbers       | £100.95 |
| 2S-012-001/2/3     | Terrier - Various Liveries & Running numbers                 | £55.95  |
| ND116A/B/C/D       | Class 142 - Various Liveries & Running numbers               | £91.95  |
| ND145F/G/H/I       | Class 26 - Various Liveries & Running numbers                | £86.50  |
| ND205A/B/C/D       | Class 27 - Various Liveries & Running numbers                | £91.95  |
| NDIESEL2           | Diesel DCC Deluxe Starter Set                                | £231.95 |

Please note that the majority of Dapol N gauge locomotives are available as DCC Fitted, you can find them by adding a D to the end of the product codes when searching on our website.

### OO GAUGE

|                    |                                                          |         |
|--------------------|----------------------------------------------------------|---------|
| 4D-009-001/2/3/4   | Class 121 - Various Liveries & Running numbers           | £103.95 |
| 4D-010-001/2/3/4   | Class 73 - Various Liveries & Running numbers            | £105.00 |
| 4D-011-000/1/2/3   | Streamlined Railcar - Various Liveries & Running numbers | TBA     |
| 4D-012-000/1/2/3   | Class 22 - Various Liveries & Running numbers            | £105.00 |
| 4D-014-000/1/2/3   | Class 29 - Various Liveries & Running numbers            | £109.50 |
| 4D-015-001/2/3/4/5 | Class 122 - Various Liveries & Running numbers           | £103.95 |
| 8800               | Track Cleaner                                            | £52.00  |

### O GAUGE

|                    |                                                       |         |
|--------------------|-------------------------------------------------------|---------|
| 7D-008-001/2/3/4   | Class 08 - Various Liveries & Running numbers         | £167.50 |
| 7D-031-000/1/2/3/4 | 6 Wheel Milk Tankers - Various Names & Liveries       | £59.50  |
| 7D-051-001/2/3/4   | 5 Plank Wagons - Various Names & Liveries             | £34.50  |
| 7D-071-001/2/3/4   | 7 Plank Wagons - Various Names & Liveries             | £34.50  |
| 7D-080-001/2/3/4   | 8 Plank Wagons - Various Names & Liveries             | £34.50  |
| 7F-100-001/2/3/4   | SR Pilbox/Brake Van - Various Liveries & Running no's | £59.50  |
| 7S-010-001/2/3/4   | Terrier - Various Names, Liveries & Running numbers   | £159.95 |

### ESU Loksound

|                      |                                                                                                                                                                                       |        |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| V4.0 Steam Sound     | Classes A4 Pacific, A1/A2 Pacific, A1 Pacific "Tornado", GWR Pannier 57xx, GWR Manor 78xx, BR/LMS Mogul, 4MT Tank, Jubilee, BR/LMS Fairburn, Ivatt Class 4, 3F Jinty, Bulleid Pacific | £94.50 |
| V4.0 Diesel Sound    | Classes 03/08/20/24/25/31/37/40/43 HST/44/45/47/50/52/55/57/66/67/108 DMU/158 Sprinter                                                                                                | £94.50 |
| Decoder with Speaker | Fitting service for all OO gauge Steam Classes                                                                                                                                        | £25.00 |
| DCCSFT               | Fitting service for all OO gauge Diesel Classes                                                                                                                                       | £20.00 |
| DCDDIFT              |                                                                                                                                                                                       |        |

All sound decoders are available with either 8 or 21 pin connectors, several of the steam decoders are suitable for use in other locomotives. See our website for more details.

|       |                                                             |         |
|-------|-------------------------------------------------------------|---------|
| 50010 | ECOSBoost ext Booster 4A DCC/MOT/SV/mix                     | £197.50 |
| 50011 | ECOSBoost ext Booster 8A DCC/MOT/SV/mix                     | £369.50 |
| 50111 | ECOSControl Radio Handset & Base Station                    | £241.50 |
| 50200 | ECOS Command Station (2nd Gen) 15-21V & Colour Touchpad     | £599.50 |
| 50300 | Navigator Digital System Wireless IR Handset & Base Station | £258.50 |

### DECODER FITTING SERVICES

|         |                                                                       |        |
|---------|-----------------------------------------------------------------------|--------|
| DCCFT6  | DCC Decoder fitting service for N gauge 6 pin DCC Ready locomotives   | £29.50 |
| DCCFT8  | DCC Decoder fitting service for OO gauge 8 pin DCC Ready locomotives  | £29.50 |
| DCCFT21 | DCC Decoder fitting service for OO gauge 21 pin DCC Ready locomotives | £29.50 |

The charges for our fitting services are inclusive of the cost of the decoder which will either be a Hornby 4 or Bachmann 3 function decoder chosen at our discretion.

## HELJAN

### OO GAUGE

|                |                                                              |         |
|----------------|--------------------------------------------------------------|---------|
| 1600/1/2/3/4   | Class 16's BR Green - Various Ends, LTD Editions of 750      | £106.50 |
| 1605           | Class 16 DB405 BR Green (Weathered) - LTD Edition of 750     | £114.50 |
| 1715/6/7       | Class 17 BR Green - Various Running numbers                  | £87.00  |
| 2320/1/2       | Class 23 'Baby Deltic' BR Green - Various running numbers    | £103.50 |
| 2323           | Class 23 'Baby Deltic' BR Green D5909 Weathered              | £111.95 |
| 2500/1/2/3     | Class 05 Shunter Type A - Various Liveries & Running numbers | £99.50  |
| 2520/1/2/3     | Class 05 Shunter Type B - Various Liveries & Running numbers | £99.50  |
| 2608/9         | Class 26/1 BR Green - Various Running numbers                | £87.00  |
| 2660/1/2/3/4/5 | Class 26/0 BR Green - Various Running numbers                | £95.00  |
| 3410/1/3/4     | Class 33/0 Early BR Green - Various Running numbers          | £94.50  |
| 3430/1/2/3/4   | Class 33/0 Late - Various Liveries & Running numbers         | £94.50  |
| 3910/1/2/3     | LNER 02/3 - Various Liveries & Running numbers               | £147.50 |
| 3920/1/2/3     | LNER 02/4 - Various Liveries & Running numbers               | £147.50 |
| 4005           | LJON Prototype Diesel D0260                                  | £109.50 |
| 4010/1         | DP2 Prototype Diesel - Various Liveries                      | £102.50 |
| 4746/7/8       | Class 47 - Various Liveries & Unbranded                      | £64.50  |
| 8800/1/2/3     | AC Railbus - Various Liveries & Running numbers              | £93.50  |
| 89121          | Operating 21.5 (OO)/27 (A/H/O) Metre Turntable               | £217.50 |
| 8940/1/2       | Class 128 DPU - Various Liveries & Running numbers           | £94.00  |
| 8990/1/2/3     | Class 128 DPU - Various Liveries & Running numbers           | £94.00  |

### O GAUGE

|                  |                                                         |         |
|------------------|---------------------------------------------------------|---------|
| 1001/2/3/4/5/6/7 | Class B Tank Wagon - Various Liveries & Running numbers | £62.50  |
| 1040/1/2/3       | VAA Box Van - Various Liveries & Running numbers        | £62.50  |
| 1050/1/2/3       | OAA Open Wagon - Various Liveries & Running numbers     | £62.50  |
| 4050/1           | Class 40 - Various Liveries & Running numbers           | £520.00 |
| 4910/1/2/3/4     | BR Mk1 SO Coaches - Various Liveries & Running numbers  | TBA     |
| 4920/1/2/3/4     | BR Mk1 BSK Coaches - Various Liveries & Running numbers | TBA     |
| 4950/2/3/4/5/6   | BR Mk1 BG Coaches - Various Liveries & Running numbers  | £260.00 |
| 4990/2/3/4       | BR Mk1 GUV Coaches - Various Liveries & Running numbers | £260.00 |
| 5280/1/2         | Class 52 Western - Various Liveries & Running numbers   | £479.00 |
| 8890/1/2         | AC Railbus - Various Liveries & Running numbers         | £399.00 |

## KATO

|        |                                                       |         |
|--------|-------------------------------------------------------|---------|
| 20-850 | UniTrack M1 Basic Oval with Kato Controller           | £63.50  |
| 20-851 | UniTrack M2 Basic Oval with Passing Loop & Controller | £118.95 |
| 20-860 | UniTrack V1 Mainline Passing Siding Variation Set     | £59.50  |
| 20-861 | UniTrack V2 Single Track Viaduct Variation Set        | £67.95  |
| 20-862 | UniTrack V3 Sidings Variation Pack                    | £93.50  |
| 20-863 | UniTrack V4 Passing Loop/Sidings Variation Pack       | £67.95  |
| 20-864 | UniTrack V5 Inner Oval Variation Pack                 | £25.50  |
| 20-865 | UniTrack V6 Outer Oval Variation Pack                 | £29.50  |
| 20-866 | UniTrack V7 Scissors Crossing Variation Pack          | £59.50  |
| 20-867 | UniTrack V8 Crossing Variation Pack                   | £29.50  |
| 20-868 | UniTrack V9 Left Hand Crossover Variation Pack        | £42.50  |
| 20-869 | UniTrack V10 Right Hand Crossover Variation Pack      | £42.50  |
| 20-870 | UniTrack V11 Double Track Banked Curve Variation Pack | £76.50  |
| 20-871 | UniTrack V12 Double Track Up & Down Variation Pack    | £152.95 |
| 20-872 | UniTrack V13 Double Track Elevated Variation Pack     | £127.50 |
| 20-873 | UniTrack V14 Double Track Inside Variation Pack       | £72.25  |

## LGB

|       |                                                                    |          |
|-------|--------------------------------------------------------------------|----------|
| 20220 | RhB Class ABe B/12 "Allegria" 3 Car BMU V1                         | £1582.95 |
| 20225 | RhB Class ABe B/12 "Allegria" 3 Car BMU V1 "SOUND"                 | £1899.50 |
| 20990 | Saxon Class II K Steam Locomotive "SOUND"                          | £1055.00 |
| 26841 | Königlich Sächsisches Staats-Eisenb. Class 99.516 Steam Locomotive | £776.95  |
| 27872 | NYC Mikado Steam Locomotive "SOUND"                                | £1424.50 |
| 78500 | Digital Starter Set D8                                             | £1019.95 |

## MATHIESON MODELS

|        |                                             |       |
|--------|---------------------------------------------|-------|
| MW0003 | Pentrich Private Owner 8 Plank Wagon        | £8.20 |
| MW0008 | United National Private Owner 8 Plank Wagon | £8.20 |
| MW0013 | Brodsworth Main Private Owner 8 Plank Wagon | £9.00 |
| MW0020 | Hodgers Private Owner 8 Plank Wagon         | £9.00 |

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## GAUGEMASTER

|           |                                                          |         |
|-----------|----------------------------------------------------------|---------|
| DCP-CB12D | DCC Concepts Cobalt Digital Slow Action Point Motor (12) | £299.95 |
| DCP152    | DCC Concepts Cobalt Slow Action Point Motor (12 Pack)    | £169.95 |
| BPDC24    | OPTI 8 Pin Direct Plug Decoder (5 Pack)                  | £59.50  |
| BPDC25    | OPTI Standard 4 Function Decoder (Pack of 5)             | £51.50  |
| BPDC26    | OPTI Small 4 Function Decoder (Pack of 5)                | £62.50  |
| BPGM510   | Bulk Pack of 25 Mini-Toggle Switches for Point Motors    | £44.95  |
| DCC01     | Prodigy Express Package                                  | £119.95 |
| DCC02     | Prodigy Advance Package                                  | £198.50 |
| DCC03     | Prodigy Advance 2 Wireless Starter Set                   | £359.50 |
| DCC13     | Prodigy Advance 2 Wireless Walkaround                    | £144.50 |
| DCC14     | Prodigy Advance 2 Backlit Walkaround                     | £114.00 |
| DCC23     | 6 Pin N Gauge Plug-In Decoder                            | £21.00  |
| DCC27     | OMNI 21 & 8 Pin Decoder                                  | £16.50  |
| DCC30     | Accessory Decoder                                        | £46.75  |
| DCC40     | Auto Reverse Module                                      | £32.25  |
| DCC49     | Prodigy DCC 8 Amp Booster Unit                           | £139.50 |
| DCC51     | Prodigy Wireless Conversion Set                          | £220.95 |
| DCC55     | Prodigy Advance Wired Computer Interface Cable           | £40.50  |
| Model D   | Twin Track Controller                                    | £62.50  |
| Model Q   | Four Track Controller                                    | £124.50 |
| PM1       | Point Motor with Accessory Switch                        | £4.25   |
| PM2       | Point Motor                                              | £3.95   |
| PM4       | Point Motor Self Latching with Switch                    | £4.50   |
| 100M      | Single Power Controller                                  | £67.95  |

## PECO

|         |                                                       |        |
|---------|-------------------------------------------------------|--------|
| PL10E   | Point Motor with Extended Pin                         | £5.00  |
| PL10W   | Turnout motor with low current coils                  | £6.00  |
| PL10WE  | Turnout motor with low current coils and extended pin | £6.00  |
| PLS-100 | 'SmartSwitch' Starter Set                             | £55.00 |
| PLS-120 | 'SmartSwitch' Board                                   | £24.00 |
| PLS-125 | 'SmartSwitch' Servo Motor (Single)                    | £14.50 |
| PLS-130 | 'SmartSwitch' - 'SmartFrog'                           | £10.50 |
| PLS-135 | 'SmartSwitch' Stationary Decoder                      | £14.50 |
| PLS-140 | 'SmartSwitch' 1M Cable Extension                      | £5.00  |

### OO GAUGE

|        |                                                                 |        |
|--------|-----------------------------------------------------------------|--------|
| SL100  | 25 Yards Code 100 Wooden Sleeper Flexible Nickel Silver Track   | £62.50 |
| SL100F | 25 Yards Code 75 Wooden Sleeper Flexible Nickel Silver Track    | £64.50 |
| SL102  | 25 Yards Code 100 Concrete Sleeper Flexible Nickel Silver Track | £62.50 |
| SL102F | 25 Yards Code 75 Concrete Sleeper Flexible Nickel Silver Track  | £72.00 |
| SL104F | 25 Yards Code 75 Steel Sleeper Flexible Nickel Silver Track     | £75.00 |

### N GAUGE

|         |                                                                |        |
|---------|----------------------------------------------------------------|--------|
| SL300   | 25 Yards Code 80 Wooden Sleeper Flexible Nickel Silver Track   | £63.50 |
| SL300F  | 30 Yards Code 55 Wooden Sleeper Flexible Nickel Silver Track   | £76.50 |
| SL302   | 25 Yards Code 80 Concrete Sleeper Flexible Nickel Silver Track | £63.50 |
| SL302F  | 30 Yards Code 55 Concrete Sleeper Flexible Nickel Silver Track | £77.50 |
| SL386/7 | Right Hand/Left Hand Curved Point                              | £9.95  |
| SL388/9 | Right Hand/Left Hand Large Point                               | £9.95  |
| SL395/6 | Right Hand/Left Hand Medium Point                              | £8.75  |

### O GAUGE

|          |                                                               |        |
|----------|---------------------------------------------------------------|--------|
| SL700B-H | 12 Yards Code 124 Wooden Sleeper Flexible Nickel Silver Track | £65.50 |
| SL700FB  | 12 Yards Code 143 Wooden Sleeper Flexible Nickel Silver Track | £65.50 |

## DJ MODELS

|               |                                                             |         |
|---------------|-------------------------------------------------------------|---------|
| N17-001/2/3/4 | Class 17 Clayton - Various Liveries & Running numbers       | £97.50  |
| N17-005       | Class 17 D8501 BR Green SYP Weathered                       | £106.50 |
| N17-006/7/8   | Class 17 Powered & Dummy Twin Packs - Various Liveries      | £127.50 |
| N23-001/2/3/4 | Class 23 'Baby Deltic' - Various Liveries & Running numbers | £97.50  |
| N23-005       | Class 23 'Baby Deltic' D5901 BR Green SYP Weathered         | £106.50 |
| O23-001/2/3/4 | Class 23 'Baby Deltic' - Various Liveries & Running numbers | £306.50 |
| O23-005       | Class 23 'Baby Deltic' D5901 BR Green SYP Weathered         | £327.50 |

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# DISCOUNT 'O' GAUGE

## TOWER BRASS LOCOMOTIVES

|                                          |          |
|------------------------------------------|----------|
| R.T.R in unpainted brass/factory painted |          |
| GWR/BR King.....                         | £900.00  |
| GWR/BR Railcar 19-33.....                | £550.00  |
| GWR/BR Parcels Railcar No.34.....        | £550.00  |
| GWR 14xx Early black chassis.....        | £525.00  |
| GWR 14xx Late black chassis.....         | £525.00  |
| GWR/BR 4575 Prairie black chassis.....   | £650.00  |
| GWR 1361 Early black chassis.....        | £525.00  |
| GWR/BR 1361 Late black chassis.....      | £525.00  |
| GWR/BR Castle Collett Tender.....        | £1225.00 |
| GWR/BR Castle Hawksworth.....            | £1225.00 |
| LY/LMS/BR Pug black.....                 | £450.00  |
| LNER/BR J39 0-6-0 black.....             | £925.00  |
| GWR/BR 8750 Pannier black chassis.....   | £525.00  |
| LMS/BR Original Patriot black.....       | £1400.00 |
| BR Original Patriot green.....           | £1400.00 |

## TOWER BRASS COACHES

|                                    |         |
|------------------------------------|---------|
| Fully assembled in unpainted brass |         |
| BR Suburban all 2nd or Comp.....   | £215.00 |
| GWR/BR 'B' set black chassis.....  | £245.00 |
| GWR/BR Collett D127 brake 3rd..... | £235.00 |

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|                                     |          |
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| Black Five (various) black.....     | £1400.00 |
| Royal Scot green.....               | £1350.00 |
| Royal Scot maroon.....              | £1350.00 |
| 8F (welded or rivetted) black.....  | £1400.00 |
| GWR/BR 4-6-0 Hall Green.....        | £1350.00 |
| BR 4-6-0 Hall Black.....            | £1350.00 |
| SR 4-4-0 Schools Olive.....         | £1300.00 |
| SR 4-4-0 Schools Malachite.....     | £1300.00 |
| LNER/BR V2 2-6-2.....               | £1400.00 |
| GWR/BR Manor.....                   | £1400.00 |
| LNER/BR B1 black late tender.....   | £1400.00 |
| GWR City of Turro.....              | £1350.00 |
| LMS/BR De-streamlined Duchess.....  | £1600.00 |
| LMS/BR Non-streamlined Duchess..... | £1600.00 |
| LNER/BR J50 Black.....              | £675.00  |
| GWR/BR Grange (2 versions).....     | £1400.00 |

## FULLY FINISHED R-T-R LOCOS

|                                                |               |
|------------------------------------------------|---------------|
| LMS/BR 8F 2-8-0.....                           | from £1540.00 |
| LMS/BR Royal Scot 4-6-0.....                   | from £1575.00 |
| LMS/BR Jubilee 4-6-0.....                      | from £1625.00 |
| L&Y/LMS/BR Pug 0-4-0T.....                     | from £525.00  |
| GWR/BR 48xx/14xx Autolok 0-4-2T.....           | from £695.00  |
| GWR/BR 1361 0-6-0ST.....                       | from £695.00  |
| GWR/BR 8750 Pannier tank.....                  | from £695.00  |
| GWR/BR 4575 Prairie tank.....                  | from £855.00  |
| GWR/BR King 4-6-0.....                         | from £1235.00 |
| GWR/BR Castle 4-6-0.....                       | from £1535.00 |
| GWR/BR Hall 4-6-0.....                         | from £1575.00 |
| GWR/BR Parcels/Passenger railcars from £785.00 |               |
| SR/BR Schools 4-4-0.....                       | from £1525.00 |
| LNER/BR J39 0-6-0.....                         | from £1110.00 |
| LNER/BR V2 2-6-2.....                          | from £1625.00 |
| GWR/BR Manor.....                              | from £1625.00 |
| LMS/BR Original Patriot.....                   | from £1625.00 |
| LMS/BR Duchess.....                            | from £1945.00 |
| GWR City of Turro.....                         | from £1545.00 |
| GWR/BR Grange.....                             | from £1585.00 |
| LMS/BR Black Five.....                         | from £1625.00 |
| LNER/BR B1.....                                | from £1625.00 |
| Over 100 R-T-R locos available off the shelf   |               |

## SLATERS LOCO KITS

|                                          |         |
|------------------------------------------|---------|
| 7L002 G.W.R 28xx Curved frame.....       | £450.00 |
| 7L003 G.W.R 28xx Square frame.....       | £450.00 |
| 7L005 M.R/L.M.S Flatiron.....            | £350.00 |
| 7L006 M.R/L.M.S Johnson Halfcab.....     | £306.00 |
| 7L007 M.R/L.M.S Johnson Kirtley.....     | £417.00 |
| 7L009 C.R./Industrial Pug.....           | £213.00 |
| 7L011 M.R/L.M.S Johnson 1262 0-4-4T..... | £335.00 |
| 7L014 M.R/L.M.S Dealey Comp 4-4-0E442.00 |         |
| 7L015 G.W.R Saint Curved frame.....      | £450.00 |

## GLADIATOR LOCO KITS

|                                          |         |
|------------------------------------------|---------|
| GTR3 GCR/LNER J11 Pom Pom.....           | £275.00 |
| GTR20 L.M.S/B.R Princess.....            | £395.00 |
| GTR24 LMS/BR Original Patriot.....       | £315.00 |
| GTR26 LMS/BR Stanier Mugen.....          | £315.00 |
| GTR28 LMS/BR Austin Seven 0-8-0.....     | £285.00 |
| GTR31 LMS/BR Stanier Lemon 0-4-4TE235.00 |         |
| GTR44 LNW/LMS/BR Coal Tank 0-6-2T.....   | £225.00 |
| GTR50 L.N.E.R/B.R Garratt 2-8-8-2.....   | £595.00 |
| GTR52 LMS/BR 8F & rivetted trailer.....  | £305.00 |
| GTR58 LNER/BR K1 4-6-0.....              | £335.00 |
| GTR59 LNER/BR K1 2-6-0.....              | £325.00 |
| GTR63 LNER/NER Y8 0-4-0T.....            | £165.00 |
| GTR65 GCR/LNER F1 2-4-2T.....            | £215.00 |
| GTR72 LBSC/BR I3 4-4-2T.....             | £235.00 |
| GTR88 LMS/BR Jinty 0-6-0T.....           | £225.00 |
| FT1 GNR/LNER/BR J6 0-6-0.....            | £235.00 |
| FT3 LNER/BR B16/1 4-6-0.....             | £265.00 |
| FT5 LNER/BR J21 0-6-0.....               | £225.00 |
| FT6 NER/LNER J25 0-6-0.....              | £225.00 |
| FT7 LNER/BR N8/N9 0-6-2T.....            | £185.00 |
| FT9 NER/LNER G6 (BTP).....               | £195.00 |

## JAVELIN LOCOMOTIVE KITS

|                                           |         |
|-------------------------------------------|---------|
| JKL3 G.W.R Dukedog 4-4-0.....             | £275.00 |
| JKL4 G.W.R Collett Goods 0-6-0.....       | £265.00 |
| JKL5 G.W.R Dean Goods 0-6-0.....          | £265.00 |
| JKL5 SEC/SR Wainwright C 0-6-0.....       | £285.00 |
| JKL7 S.E.C.R Wainwright 'C' 0-6-0.....    | £285.00 |
| JKL11 LMS/BR Black five long firebox..... | £315.00 |

## HELMSMAN CONTROLLERS

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|-----------------------------------------|---------|
| MM2/5 Samp cased single controller..... | £107.50 |
| MM2/5RC Remote version of above.....    | £134.50 |

## PECO WAGON KITS

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|------------------------------------|--------|
| W601 GWR Toad brake can.....       | £35.00 |
| W602 GWR Permanent Way brake.....  | £35.00 |
| W603 GWR 6 wheel brake.....        | £37.25 |
| W604 GWR 4 plank open.....         | £29.25 |
| W605 GWR Steel Open.....           | £29.25 |
| W606 GWR 10 ton Van.....           | £36.25 |
| W607 BR 16 ton Mineral wagon.....  | £37.25 |
| W608 BR 27 ton Iron Ore wagon..... | £36.25 |
| W609 BR 20 ton Pig Iron wagon..... | £36.25 |

## PECO LINESIDE KITS

|                                              |        |
|----------------------------------------------|--------|
| LK704 Wooden lineside hut kit.....           | £17.25 |
| LK705 Brick lineside hut.....                | £17.25 |
| LK709 Ground Level Signal Box.....           | £24.75 |
| LK735 GWR Yard Crane.....                    | £18.75 |
| LK741 GWR spear fencing.....                 | £9.50  |
| LK 742 GWR spear fencing rumps.....          | £69.50 |
| LK743 Field fencing and gates.....           | £9.00  |
| LK744 Concrete fencing.....                  | £8.50  |
| LK747 Telegraph Poles.....                   | £5.30  |
| LK748 Ladders.....                           | £3.50  |
| LK749 Loading Gauges (2).....                | £10.80 |
| SL750 Single track level crossing gates..... | £17.50 |
| LK758 Platelayers tools.....                 | £5.50  |
| LK790 GWR home or distant signal.....        | £17.50 |

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|---------------------------------------------|--------|
| SLE786BH Curved R/H Point.....              | £49.50 |
| SLE787BH Curved L/H Point.....              | £49.50 |
| SL700BH 12 yards flexitrack.....            | £69.50 |
| SLE791BH Right Hand Point.....              | £37.50 |
| SLE792BH Left Hand Point.....               | £37.50 |
| SLE797BH Y Point.....                       | £37.50 |
| SLE790BH Double Slip.....                   | £81.50 |
| SL10 24 metal railjoiners.....              | £2.30  |
| SL740BH Buffer stop.....                    | £2.30  |
| TP1 Long Track pins (15mm).....             | £2.99  |
| ST700 Box (6) 393mm straight.....           | £38.50 |
| ST725 Half circle 1028mm radius curves..... | £42.00 |

## PARKSIDE WAGON KITS

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|------------------------------------------|--------|
| PS14 B.R. Grampus Ballast.....           | £30.50 |
| PS16 L.N.E.R Loco Coal Wagon.....        | £30.50 |
| PS17 B.R 12 ton Pipe Wagon.....          | £30.50 |
| PS23 G.W.R 13 ton Open Wagon.....        | £30.50 |
| PS24 G.W.R 12 ton Unfitted Van.....      | £30.50 |
| PS25 B.R 24 1/2ton Mineral.....          | £30.50 |
| PS26 G.W.R 12 ton Fitted Van.....        | £30.50 |
| PS27 G.W.R 12 ton Open Tarp.....         | £30.50 |
| PS28 G.W.R 12 ton Plywood Van.....       | £30.50 |
| PS29 G.W.R Fruit Van.....                | £30.50 |
| PS30 B.R 16ton Mineral.....              | £30.50 |
| PS31 B.R 16ton Slope Sided Min.....      | £30.50 |
| PS32 B.R 16ton Min (S.N.C.F.).....       | £30.50 |
| PS33 B.R 8 Plank Mineral.....            | £30.50 |
| PS34 G.W.R Mogo.....                     | £30.50 |
| PS35 G.W.R Plywood Mogo.....             | £30.50 |
| PS38 B.R Sand Wagon.....                 | £30.50 |
| PS42 L.M.S 12ton Open.....               | £30.50 |
| PS45 L.N.E.R 12ton Van.....              | £30.50 |
| PS46 L.N.E.R 12ton Fruit Van.....        | £30.50 |
| PS47 G.W.R Loco Coal Wagon.....          | £30.50 |
| PS48 G.W.R Tevan.....                    | £30.50 |
| PS49 G.W.R Mica Van.....                 | £30.50 |
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| PS107 NEW S.R. cattle Truck.....         | £30.50 |
| PS108 LNER/BR rivetted hopper wagon..... | £30.50 |
| PS110 SR/BR insulated Van.....           | £30.50 |
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| PS44 G.W.R/B.R Toad.....           | £35.90 |
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| PS111 NEW M.R/L.M.S brake van..... | £35.90 |

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| PS02 N.B.R/L.N.E.R R Box Van.....      | £29.25 |
| PS03 L.N.E.R 7 Plank Open.....         | £29.25 |
| PS04 L.N.E.R 12T Van.....              | £29.25 |
| PS05 L.N.E.R R Cattle Van.....         | £29.25 |
| PS06 L.N.E.R 4 Plank Open.....         | £29.25 |
| PS07 L.N.E.R 12T Van.....              | £29.25 |
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| PS11 L.N.E.R 6 plank open.....         | £29.25 |
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| PS102 Blue Spot Fish Van.....  | £35.00 |

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| H2A L.M.S. black style/Crewe loco.....           | £20.00 |
| H3 L.M.S. loco lining.....                       | £20.00 |
| H3A L.M.S. coach lining.....                     | £20.00 |
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| H4A L.N.E.R. black loco and Gill Sands.....      | £20.00 |
| H5 L.N.E.R. loco lining.....                     | £20.00 |
| H6 L.M.S. goods wagon lettering.....             | £18.50 |
| H7 G.W.R. loco and coach lettering.....          | £20.00 |
| H8 G.W.R. loco and coach lining.....             | £20.00 |
| H9 S.R. Maunsell loco and coach lettering.....   | £20.00 |
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| H12 L.N.E.R. goods wagon lettering.....          | £18.50 |
| H13 S.R. goods wagon lettering.....              | £18.50 |
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| H24 MR/SDJR/LTSR/MGN loco & coach.....           | £21.00 |
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| 7C021 PR SR bogie van B.....    | £119.25 |
| 7C022 SR 4 wheel BY.....        | £75.00  |
| 7C019 MR slatted milk van.....  | £73.95  |
| 7C030 GWR siphon dia 05/06..... | £73.95  |

**SLATERS WAGONS, VANS AND TANKERS**

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| 7012 GWR 7 plank open.....            | £29.50 |
| 7013 GWR 4 plank open.....            | £29.50 |
| 7014 GWR iron loco coal.....          | £29.50 |
| 7015 GWR 3 plank open.....            | £29.50 |
| 7016 GWR 1 plank.....                 | £29.50 |
| 7023 LMS Cattle wagon.....            | £34.50 |
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| 7024F MR/LMS 10 ton fruit van.....    | £32.65 |
| 7025 MR/LMS 8 ton fruit van.....      | £28.90 |
| 7026 MR/LMS coke wagon.....           | £27.85 |
| 7029 MR/LMS 3 plank open.....         | £27.85 |
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| 7042A LNER/BR Alumina wagon.....      | £35.75 |
| 7051 MR sleeper wagon.....            | £27.85 |
| 7052 LMS 7 plank loco coal.....       | £31.20 |
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| 7033 LNER/BR 20 ton brake van.....    | £44.65 |
| 7034 MR/LMS 6 wheel brake van.....    | £46.10 |
| 7053 LMS/BR 20 ton brake van.....     | £46.10 |
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| 7056 14 ton petrol tank.....          | £44.65 |
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| 7063 B.R Standard Van.....            | £35.85 |
| 7064 B.R 12ton Standard/Flat Van..... | £35.85 |
| 7065 B.R Meat Van.....                | £35.85 |
| 7066 B.R. Insulated Van.....          | £35.85 |
| 7067 B.R 13 ton conflat 'A'.....      | £31.70 |
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| SR 7 plank open wagon                   |  |
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| David Bevan 7 plank open wagon          |  |
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| Edinburgh 7 plank open wagon weathered  |  |
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VAA Van B.R. later bauxite  
VAA Van Railfreight red and grey  
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| 33-300F | 20t Toad Brake GWR Gry Merthyr.....                                                       | £11.35 |
| 37-557X | TTA Shell Black 5178.....                                                                 | £10.85 |
| 37-557Y | TTA Shell Black 5169.....                                                                 | £10.85 |
|         | <i>All Weathered</i>                                                                      |        |
| 37-659Z | Benzole set of Three.....                                                                 | £29.95 |
| 37-577W | TTA Shell Black 5172.....                                                                 | £10.85 |
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| 37-711Z | Pack of 3 GWR Cattle wagons.....                                                          | £27.20 |
|         | <i>Weathered</i>                                                                          |        |
| 37-730Z | GWR Vent Vans Weathered.....                                                              | £25.45 |
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| R2634  | Patriot Class.....             | £74.95  |
| R2679  | A1/A1X Terrier GWR.....        | £40.00  |
| R2744  | Schools Blundells BR.....      | £84.95  |
| R2827  | Cheltenham Schools.....        | £94.45  |
| R2836  | N15 Valence.....               | £91.95  |
| R2840  | M7 SR.....                     | £79.25  |
| R2843  | Schools Dulwich SR.....        | £94.45  |
| R2916  | CL2800 GWR.....                | £93.45  |
| R2917  | 2800 Class BR.....             | £103.99 |
| R2917X | CL2800 BR.....                 | £106.45 |
| R3007  | L1 Late crest Weathered.....   | £83.95  |
| R3011X | Q1 BR.....                     | £96.45  |
| R3015  | Prince Arthur BR.....          | £103.50 |
| R3016A | Standard 4MT BR Black.....     | £109.00 |
| R3017  | BR Patriot.....                | £108.50 |
| R3026  | 8F BR Late.....                | £103.75 |
| R3088  | LNER Class 01.....             | £97.45  |
| R3100  | NRM Flying Scotsman Black..... | £111.99 |
| R3025  | J94 LNER.....                  | £55.45  |
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| R2508A  | CL121.....                       | £47.95  |
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| 31-086   | GWR 3200 Class BR Black.....   | £98.50  |
| 31-087   | DC Earl Class GWR.....         | £110.95 |
| 31-117DC | 4MT BR Black.....              | £79.45  |
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| 31-128   | BR ROD Weathered.....          | £105.45 |
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| 32-261   | WD Austerity.....              | £110.40 |
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| 31-426   | CL411 BR Green.....              | £103.99 |
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| 31-576DC | Windhoff MPV NWR.....            | £114.00 |
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| 31-676   | CL85 Electric Blue.....          | £85.99  |
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| 32-034DS | CL20 BR Green.....               | £165.95 |
| 32-035A  | CL20 Blue.....                   | £53.99  |
| 32-114A  | Class 08 BR Black.....           | £61.15  |

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| 32-115   | CL08 BR Blue.....           | £44.45  |
| 32-118   | Class 08 Haversham.....     | £61.15  |
| 32-166A  | CL08 BR Green.....          | £50.95  |
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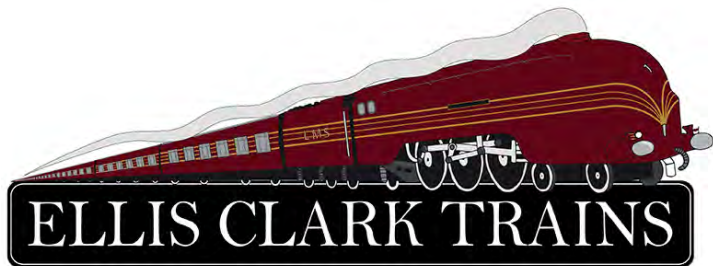
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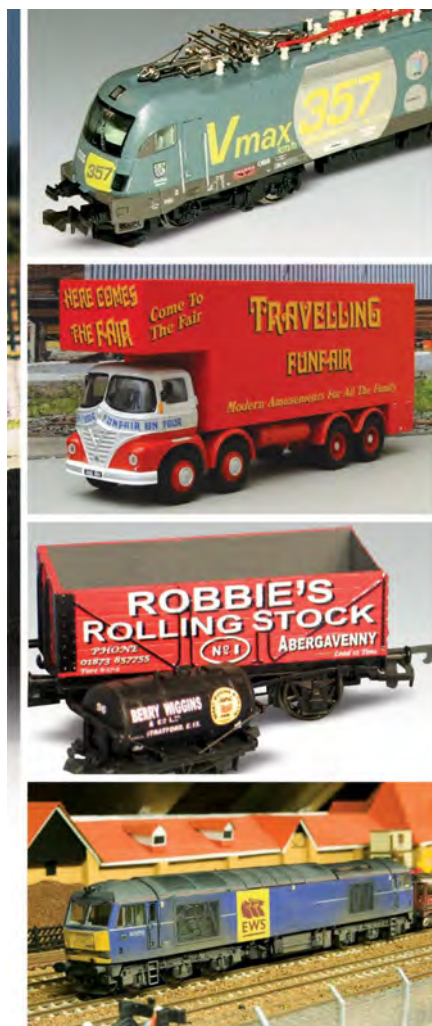
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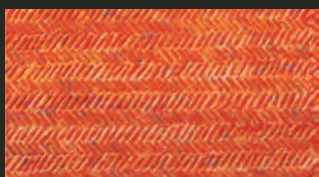
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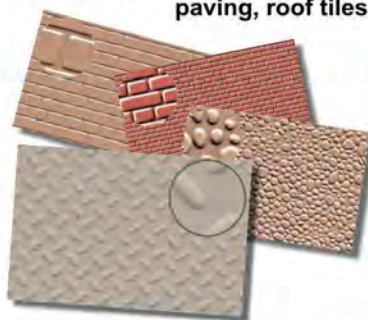
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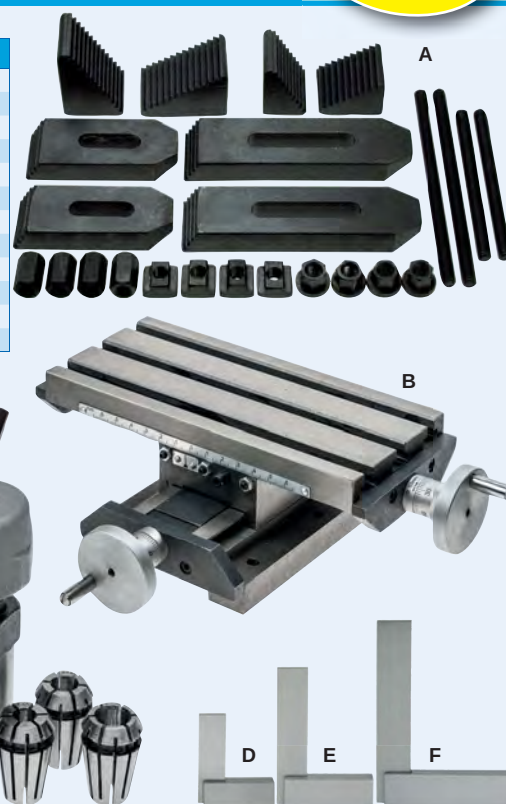
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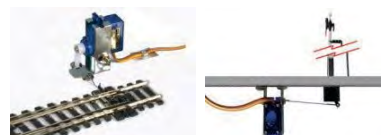
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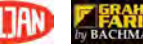


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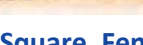
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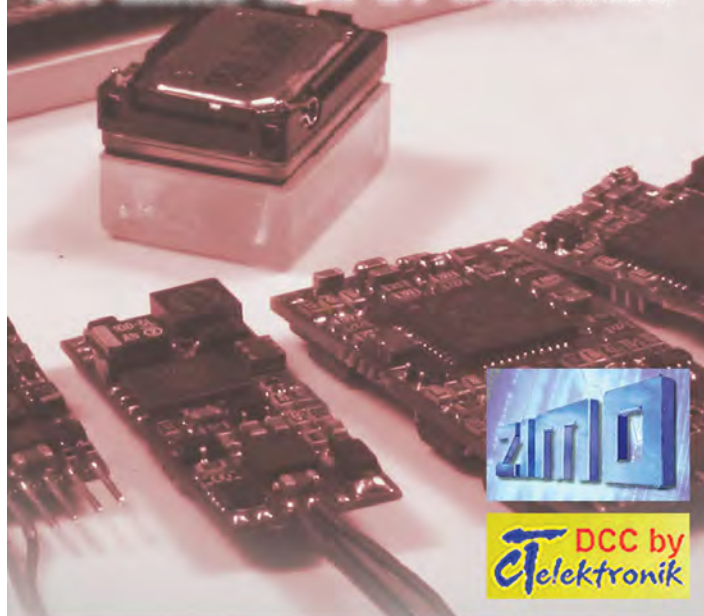
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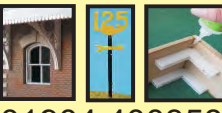
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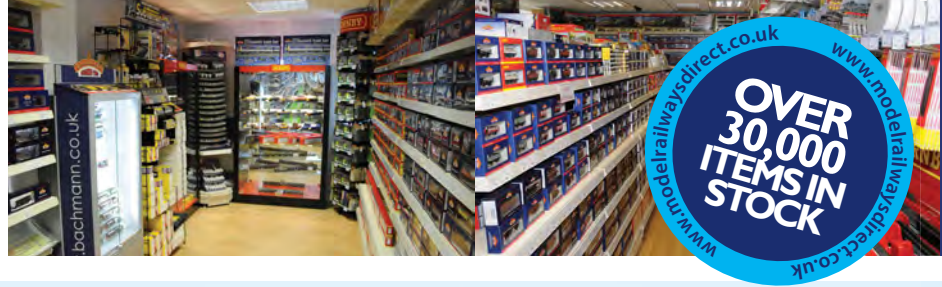
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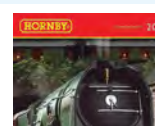
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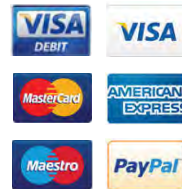
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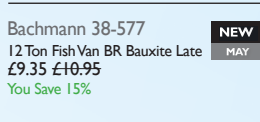
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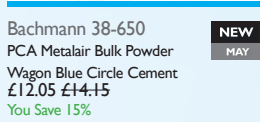
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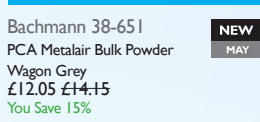
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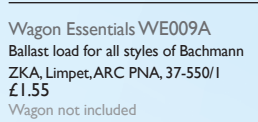
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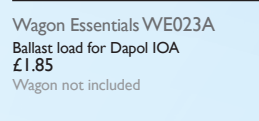
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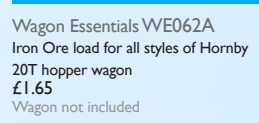
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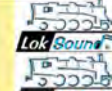
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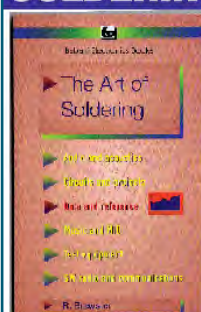
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**2S-013-001** - 9F BR Late Crest 92226 BR1G Tender 1537  
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**2D-003-006D** - D1065 Western Consort BR Maroon SYP DCC  
**2D-003-007** - D1012 Western Firebrand BR Maroon SYP  
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**2D-003-008** - D1000 Western Enterprise BR Maroon SYP Weathered  
**2D-003-008D** - D1000 Western Enterprise BR Maroon SYP Weathered DCC  
**2D-003-009** - D1045 Western Viscount Maroon FYP Weathered  
**2D-003-009D** - D1045 Western Viscount Maroon FYP Weathered DCC  
**2D-003-010** - D1062 Western Courier BR Blue FYP Weathered  
**2D-003-010D** - D1062 Western Courier BR Blue FYP Weathered DCC  
**2D-003-011** - D1009 Western Invader BR Blue FYP Weathered  
**2D-003-011D** - D1009 Western Invader BR Blue FYP Weathered DCC  
**2F-071-007** - SR 7 Plank 37459  
**2F-071-008** - SR 7 Plank 37459 Weathered  
**2F-036-019** - Bulk Grain Hopper GWR Avonmouth  
**2F-036-020** - Bulk Grain Hopper GWR Avonmouth Weathered

## 'OO' releases in May



- 4F-072-005** - 7 Plank 9FT W/B - Ace of Clubs  
**4F-072-006** - 7 Plank 9FT W/B - Ace of Clubs Weathered



- 4F-034-019** - 21T Hopper - Pilkington  
**4F-034-020** - 21T Hopper - Pilkington Weathered



- 4F-016-007** - Banana Van - Geest  
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- 4D-003-008** - Western Fusilier BR Maroon SYP D1023  
**4D-003-009** - Western Cavalier BR Blue FYP D1021  
**4F-090-005** - 9 Plank Wagon - BR E30946  
**4F-090-006** - 9 Plank Wagon - BR E30946 Weathered  
**4P-010-028** - 57 FT Stanier Non Corridor Brake LMS Maroon Lined 25248  
**C099B** - 57 FT Stanier Comp Non Corridor BR Lined Maroon M19172M  
**A23** - Salt Van Unpainted  
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